

2022 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report

August 2023

VPHCP 2022 Report

# Prepared for:

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VPHCP 2022 Report

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# Acronyms and Abbreviations

CE	California state endangered
City	City of San Diego
CR	Vernal Pool Creation
ERAR	Eryngium aristulatum var. parishii
EN	Enhancement
FE	federally endangered
FT	federally threatened
ITP	Incidental Take Permit
MSCP	Multiple Species Conservation Program
NA	Not Applicable
NAFO	Navarretia fossalis
ORCA	Orcuttia californica
POAB	Pogogyne abramsii
PONU	Pogogyne nudiuscula
RE	Restoration
RFS	Streptocephalus woottoni
SDFS	Branchinecta sandiegonensis
TBD	To Be Determined
USFWS	United States Fish and Wildlife Service
VPHCP	Vernal Pool Habitat Conservation Plan
VPMMP	Vernal Pool Management and Monitoring Plan
Wildlife Agencies	United States Fish and Wildlife Service and the California Department of Fish and Wildlife

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# 1 Overview

### 1.1 <u>Overview of Vernal Pool Habitat Conservation Plan and Vernal Pool Management and</u> <u>Monitoring Plan</u>

In January 2018, the City of San Diego's (City's) Vernal Pool Habitat Conservation Plan (VPHCP) (City 2019) was approved. The VPHCP is a framework that provides effective guidance on protection, enhancement, and restoration of vernal pool resources across the VPHCP Plan Area (Figure 1.1-1). As illustrated in Figure 1.1-1, the VPHCP Plan Area represents City-jurisdiction lands and generally spans from Lake Hodges in the north to Otay Mesa in the south (refer to Chapter 2.1 of the VPHCP for further detail regarding the VPHCP Plan Area).

Management and monitoring activities detailed in the VPHCP and its supplemental document, the Vernal Pool Management and Monitoring Plan (VPMMP) (City 2020), are designed to support conservation goals consistent with the United States Fish and Wildlife Service (USFWS) Recovery Plan for Vernal Pools of Southern California (USFWS 1998) (refer to Chapter 5.0 of the VPHCP for further details regarding Conservation Goals). The following five plant species and two crustacean (shrimp) species are included as Covered Species,<sup>1</sup> in addition to their associated habitat (vernal pools):

- Otay Mesa mint (Pogogyne nudiuscula, PONU) FE, CE;
- San Diego mesa mint (Pogogyne abramsii, POAB) FE, CA;
- Spreading navarretia (Navarretia fossalis, NAFO) FT;
- San Diego button-celery (Eryngium aristulatum var. parishii, ERAR) FE, CE;
- California Orcutt grass (Orcuttia californica, ORCA) FE, CE;
- Riverside fairy shrimp (Streptocephalus woottoni, RFS) FE; and
- San Diego fairy shrimp (Branchinecta sandiegonensis, SDFS) FE.

The VPHCP conservation goals for the seven Covered Species are intended to provide habitat-specific and species-specific objectives that meet or exceed the City's Multiple Species Conservation Program (MSCP) requirements.

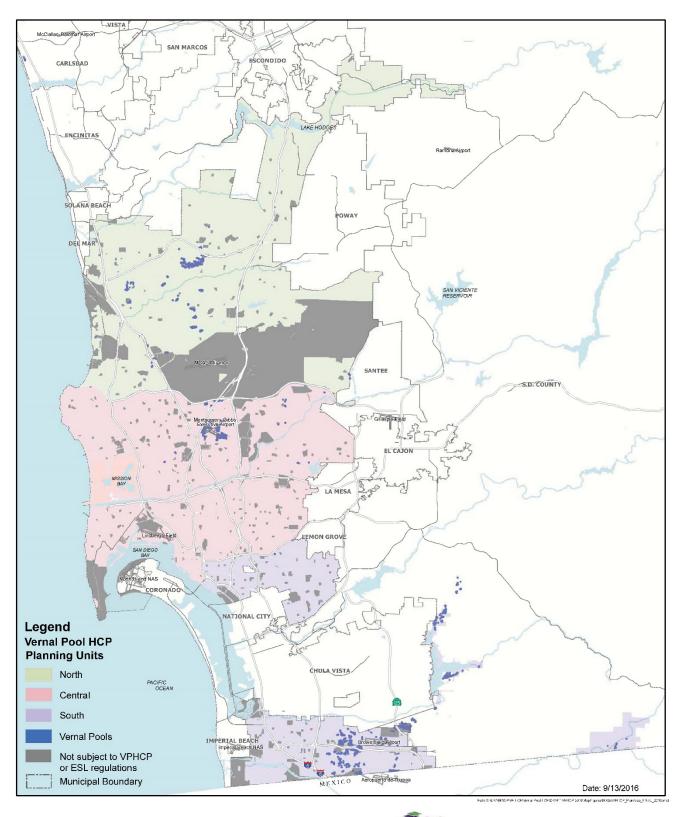
The VPMMP outlines adaptive monitoring and management strategies applicable to individual vernal pool complexes.<sup>2</sup> Appendix A of this 2022 management and monitoring annual report (2022 Annual Report) includes a list of each vernal pool complex covered under the VPHCP. The City is responsible for adhering to management and monitoring activities outlined in the VPMMP and VPHCP, and reporting on those activities annually to USFWS and the California Department of Fish and Wildlife (collectively, the Wildlife Agencies).

### 1.2 <u>Reporting Requirements</u>

The City is responsible for implementing management activities, collecting and analyzing data, tracking take, and providing an annual summary to the Wildlife Agencies (refer to Chapter 5.0 of the VPMMP for further details regarding data collection, analysis, and reporting). This 2022 Annual Report fulfills the City's annual VPHCP reporting requirements for the 2022 fiscal year (July 01, 2021 through June 30, 2022).

<sup>&</sup>lt;sup>1</sup> Covered status for each of the species is defined as follows: FE = federally endangered, FT = federally threatened, CE = California state endangered

<sup>&</sup>lt;sup>2</sup> A vernal pool complex is defined as a collection of vernal pools that occur in proximity, on the same soil series and are typically biogeographically and hydrologically connected (City 2019).





Note: Vernal pool symbols on this map have been enlarged to help identify their locations and are not to scale and do not represent the exact limits of the vernal pool basins.



Figure 1.1-1 Vernal Pool HCP Plan Area

# 1.3 Management and Monitoring Requirements

# 1.3.1 City-Owned Complexes

The City is responsible for implementing management and monitoring under the VPHCP for vernal pool complexes on City-owned lands (see the yellow sites in Appendix A). The approach to vernal pool complex management and monitoring, including monitoring methods, sampling design, and management activities, is based on a tiered three-level assignment tied to the VPMMP standards (refer to Chapter 2 and Chapter 4 of the VPMMP for further details regarding VPMMP standards and VPHCP monitoring and management strategy, respectively). The three-tiered management level approach is based on the condition of each vernal pool complex as determined during development of the VPHCP. Changes in management level are triggered by changes in the following categories: focal plant species cover, covered shrimp species cover, average weed cover, and hydrologic function. Figure 1.3-1 illustrates the relationship between management level and the VPMMP standards. Management activities based on management level are detailed in Table 4-6 of the VPMMP.

Per the VPHCP, at least 3 years of data collection during adequate rainfall years (at least 55 percent [%] of average total rainfall) are required to provide an analysis that would identify triggers in change of management level of an individual complex (refer to Table 4-5 of the VPMMP for further detail regarding management level triggers). Section 2.1.2 of this 2022 Annual Report provides an analysis of precipitation between fiscal years 2019 and 2022 in relation to management and monitoring levels. This annual report summarizes the third year of VPHCP implementation and analyzes management level performance for Years 1 through 4 for vernal pool complexes in all management levels. Of note, Level 3 vernal pool complexes are not subject to management level change until 5 years of management is fulfilled. Therefore, the analyses presented in this 2022 Annual Report for Level 3 complexes are for reference only. If results trigger a change in management level for a Level 1 or Level 2 vernal pool complex, the City will revise the VPMMP to include updated maintenance and monitoring requirements for the new management level.

# 1.3.2 Privately-Owned and Conserved Pre-MSCP Complexes

Vernal pools located on six private properties (green sites listed in Appendix A) that were conserved prior to the adoption of the City's MSCP Subarea Plan (City 1997) are currently not managed under the City's VPMMP. These six sites are known as the "orphan sites." The City conducts passive qualitative monitoring from publicly accessible vantage points for these orphan sites and does not capture a complete assessment of the complex's condition. Furthermore, the City does not have legal access or an established easement to perform a more in-depth level of monitoring.

In 2022, the City conducted site-specific research to determine current property ownership and status of orphan sites within the VPHCP Plan Area. This effort involved extensive online research to confirm current ownership of these properties as ownership may have changed since the last parcel map update. City staff will continue to engage with these six property owners to discuss the importance of vernal pool resources on their respective properties and the possibility to convey the properties to the City as funding and staff resources are identified and become available.

# 1.4 Private Property Reporting Enforcement

In addition to the City's obligation to perform management and monitoring for vernal pool complexes on City-owned lands within the VPHCP Plan Area, the City is also responsible for enforcing management and monitoring of vernal pool complexes on privately owned lands that are covered under the VPHCP (see the orange sites in Appendix A). Since private projects listed in Appendix A were approved prior to development of the VPHCP, private projects approved and pending VPHCP adoption will develop and follow a standardized reporting method. Section 2.2 of this 2022 Annual Report discusses further details regarding management and monitoring for private properties that are subject to the VPHCP.

Currently, the City is developing an online portal to facilitate private property management reporting for vernal pools. This online portal will streamline submittal of private projects required vernal pool annual reports through a centralized location that will be accessible across City departments. This would facilitate

adequate reporting submissions that meet VPHCP requirements and allow for a timely response from City Staff, as needed. Currently, reports are either e-mailed to the Development Services Department, Wildlife Agencies, or the MSCP Program Manager. It is anticipated that the City will transition to accepting online document submission through the portal in the reporting year 2023-2024.

### 1.5 Take Tracking

The USFWS Section 10 Incidental Take Permit (ITP) issued to the City for the VPHCP requires tracking of take associated with Covered Projects and Covered Activities under the VPHCP. It is the City's responsibility to track incidental take associated with Covered Projects and Covered Activities on both City-owned and private lands. In addition, the ITP allows extension of authorized take outside of City jurisdiction through a Certificate of Inclusion that can be issued to private property owners. Private property owners covered by the ITP are required to satisfy management and monitoring standards outlined in the VPHCP. Section 2.3 of this 2022 Annual Report details a running total of take across VPHCP-covered projects.

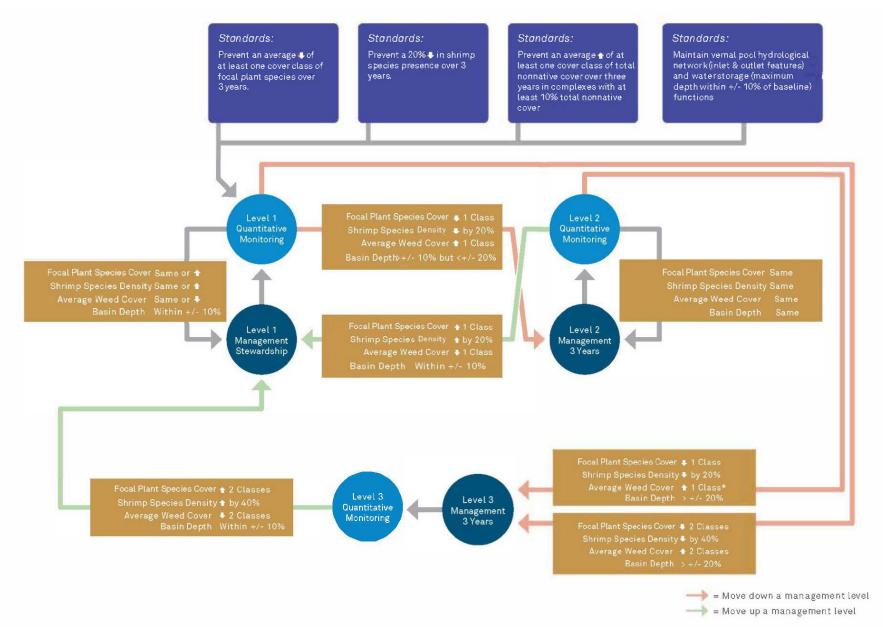
### 1.6 VPHCP and VPMMP Updates

Following adoption of the VPHCP, the City has encountered nuances associated with implementation of the VPHCP, which warrant updates to the VPHCP and VPMMP. A description of proposed updates is described herein.

### 1.6.1 Newly Observed Vernal Pools and Vernal Pool Complexes

The VPHCP was based on data available at the time of the document's development. Following the adoption of the VPHCP, the City has observed vernal pools and vernal pool complexes that were not captured during implementation of the City of San Diego 2002-2003 Vernal Pool Inventory (baseline studies) (City 2002-2003) that informed the VPHCP. It was understood that comprehensive surveys were not performed of the entire planning area and the City and Wildlife Agencies anticipated the need to incorporate additional vernal pools as they were discovered during subsequent surveys that would follow implementation of the VPHCP. Because these vernal pools were not captured during baseline studies, no management sheets were developed and, therefore, no management levels were assigned to the newly observed vernal pool complexes. To introduce these vernal pools and complexes, the City will perform baseline studies for the newly observed vernal pools and vernal pool complexes. The results of the baseline studies will be included in site-specific management sheets to be provided in the 2023 Annual Report.

#### Figure 1.3-1. VPHCP Monitoring and Management Level Flow Chart



# 2 Reporting Summary

### 2.1 City Monitoring and Management

#### 2.1.1 Qualitative Monitoring and Management Activities

#### Methods

During the reporting period, the City performed annual qualitative monitoring within all City-owned vernal pool complexes listed in the VPHCP, regardless of management level. The purpose of qualitative monitoring is to generate management recommendations that can be planned and conducted within an appropriate and feasible timeframe. Qualitative visit assessments are designed to evaluate overall disturbance of each complex and capture the following conditions and threats: fencing and signage, edge effects, fire and fire suppression, trespassing, topographic disturbance, invasive species, inundation, fairy shrimp presence, and other incidental sightings (refer to Chapter 4.1.3 in the VPMMP for further details regarding monitoring methods). Within City-owned vernal pool complexes, qualitative monitoring visits were recorded digitally through a data collection mobile application, Survey123. Similarly, and in response to qualitative monitoring recommendations, management activities were also recorded with the Survey123 form.

### Results

Qualitative monitoring for the City-owned vernal pool complexes was generally conducted during the winter and spring months (February through May) of 2022. Management activities were conducted throughout the fiscal year, as feasible and in response to level of urgency (as determined by monitoring assessments). Results of monitoring and management activities are summarized in Table 2-1. Table 2-1 also includes newly observed vernal pools and complexes not recorded in the VPHCP; these pools are prefixed with "NEW" in the complex name and/or vernal pool identification. In addition to monitoring of City-managed vernal pool complexes, the City performed passive qualitative monitoring for privately owned pre-MSCP sites ("orphan sites"); monitoring results for these sites are summarized in Table 2-2. Appendix B-1 of this 2022 Annual Report includes datasheets detailing complex-specific monitoring and management information. Appendix C-1 includes photos taken during management visits and depicts activities such as weed control, fencing repair, and trash pickup.

### 2.1.2 Quantitative Monitoring and Management Level Assessment

#### Methods

Quantitative monitoring for vernal pool complexes includes assessments of the five covered plant species and two covered shrimp species. Monitoring requirements and sample size are based on management level assignment for each vernal pool complex, with greater level of effort associated with higher management levels. Monitoring of floral components within vernal pools includes quantitative data collection of nonnative and native species cover, including covered plant species. Cover estimates are based on the California Native Plant Society plant cover methodology and collected from pool margins to avoid disturbance. Additionally, cover estimates for native and nonnative species collected for vernal pool basins include a 6-meter buffer surrounding the individual surveyed basins. Quantitative monitoring results were recorded digitally through Survey123.

To monitor covered shrimp species, wet season and/or dry season sampling is used to estimate population density; these estimates are tracked over time to monitor changes in population size at sampled vernal pools (refer to Chapter 4.1.4 of the VPMMP for further details regarding quantitative monitoring methods for covered plant species and covered shrimp species).

Table 2-1. Qualitative Monitoring and Management Events for City of San Diego-managed Vernal
Pool Complexes

Mgmt. Level	Planning Unit	Complex Series	Vernal Pool Complex Name <sup>1</sup>	Qualitative Monitoring Events Occurred <sup>2,3</sup>	Management Events Occurred <sup>3</sup>
		H 38	Carmel Mountain	Yes	Yes
		D 5-8	Carroll Canyon/Parkdale Carroll Canyon	Yes	Yes
		B 7-8	Crescent Heights	Yes	No
	North	H 1-10, 13-15, 18-26	Del Mar Mesa (City)	Yes	Yes
		H 39	Greystone Torrey Highlands	Yes	Yes
		B 7-8	Lopez Ridge (City)	Yes	Yes
		X 5	Nobel Drive	Yes	Yes
		I 12	Pueblo Lands (South)	Yes	No
		Q 2	Mission Trails Regional Park (City)	Yes	Yes
	Orinteral	N 5-6	Montgomery Field	Yes	No
	Central	KK 2	Pasatiempo	Yes	Yes
Level 1		N 7	Serra Mesa Library	Yes	Yes
		J 14	Anderprises (City)	Yes	Yes
		J 2	Cal Terraces (North) (City), Otay Mesa Road Parcels <sup>o</sup>	Yes	Yes
		J 14	Cal Terraces (South)	Yes	Yes
		J 2	Clayton Parcel	Yes	Yes
	South	J 16-18	Goat Mesa (City)	Yes	Yes
		J 31	Hidden Trails	Yes	Yes
		MM 1	Marron Valley	Yes	Yes
		K 5	Otay Lakes	Yes	Yes
		R 1	Proctor Valley	Yes	Yes
		J 32	West Otay B	Yes	Yes
		J 32	West Otay C	Yes	Yes
		J 16-18	Wruck Canyon	Yes	Yes
Level 2	Central	U 15	SANDER	No	No
Level 2	South	J 4-5	Robinhood Ridge	Yes	Yes
Level 3	South	J 35	Brown Field⁺	Yes	No
Level 5	South	J 13 N	South Otay 1 acre (City)	Yes	Yes
		C10-16	Winterwood (City) <sup>++, O</sup>	Yes	No
	North	TBD	NEW: Fairbanks Highlands	Yes	No
	North	TBD	NEW: Dormouse	Yes	Yes
		TBD	NEW: Stowe	Yes	No
NA	Control	TBD	NEW: Calle de Vida	Yes	Yes
INA	Central	QQ	Tecolote Canyon <sup>++</sup>	Yes	Yes
		NC	Kelton <sup>++</sup>	Yes	No
	Cauth	TBD	NEW: Ocean View Hills Pkwy	Yes	Yes
	South	TBD	NEW: Topsail	Yes	No
		TBD	NEW: Seabird Way	Yes	Yes

<sup>1</sup> Cross (+) indicates that vernal pool complex performs under site-specific restoration plan or management plan (refer to Appendix B of the VPMMP for further details);"NEW" indicates that vernal pool complex was not captured during VPHCP implementation, therefore is not assigned to a management level nor complex series; circle (o) indicates a portion of the vernal pool complex is not under City ownership: Complex J 2 = partial site ownership by Tripoint, Complex C10-16 - partial site ownership by San Diego Unified School District; (++) double cross indicates that no management is required per the VPMMP. <sup>2</sup> Per VPMMP, all levels require three visits to occur annually during the wet season.

<sup>3</sup> Details regarding monitoring observations and management activities are provided in Appendix B-1. Management activities were conducted as needed within each vernal pool complex. Of note, health guidelines outlined during the COVID-19 pandemic restricted the number of management events that were feasible to implement during the overlapping portion of fiscal year 2021. Key to acronyms used: **NA** = Not Applicable; **TBD** = To Be Determined

Mgmt. Level	Planning Unit	Complex Series	Vernal Pool Complex Name	Passive Qualitative Monitoring Occurred <sup>1, 2</sup>
		C 17-18	Fieldstone	No
		H 33	East Ocean Air Drive	No
NA	North	11	Arjons	No
INA		16 B	Ford Leasing (Bob Baker)	Yes
		16 C	Facilities Development (Eastgate Miramar Associates)	Yes
	South	J 27	Empire Center	No

# Table 2-2. Qualitative Monitoring and Management Events for Private Conserved Pre-MSCP Vernal Pool Complexes

<sup>1</sup> Details regarding monitoring observations and management activities are provided in Appendix B-1.

<sup>2</sup> During the reporting period, right-of-entry permits to access these sites were not available to the City; therefore, City staff were only able to view the properties from the public right-of-way (i.e., not physically onsite) to conduct qualitative monitoring visits; in some cases, access to the sites during the reporting period was not feasible. Of note, health guidelines outlined during the COVID-19 pandemic restricted the number of monitoring events that were feasible to implement during the overlapping portion of fiscal year 2022.

Key to acronyms used: NA = Not Applicable

#### Results

Quantitative monitoring for City-owned vernal pool complexes was generally conducted during the spring months (February through May) of 2022. Vernal pool-specific monitoring datasheets are attached as Appendix B-2 and include comprehensive floral inventories and cover estimates for each surveyed vernal pool. Vernal pool sampling size and individual vernal pool selection (for monitoring) within each vernal pool complex are summarized in Table 2-3. Generally, pool selection was determined by management level requirements and influenced by presence of focal species recorded during baseline surveys. In the time since baseline conditions were documented (2003) and Year 4 of VPHCP implementation (2022), focal species have been detected at various individual vernal pools across City-owned vernal pool complexes where they were not previously detected; this is shown in Table 2-3. The City intends to work with the Wildlife Agencies to incorporate newly detected focal species locations into the baseline conditions that drive the VPMMP requirements. Table 2-4 summarizes cover class estimates for each focal species and nonnative species cover recorded in 2022, while Table 2-5 summarizes the three-year average change from baseline conditions (illustrated in a graduated color scale). The years analyzed for management level change vary by conditions met and is discussed in further detail herein. Additionally, photos of surveyed vernal pool basins, photographed during quantitative surveys, are attached as Appendix C-2.

Newly observed vernal pools and complexes included in Table 2-1 did not receive quantitative monitoring and are, therefore, not included in the data summary tables. The City is working with the Wildlife Agencies to develop an onboarding process for newly observed vernal pools and vernal pool complexes into the VPMMP. Qualitative assessments of these newly observed vernal pools and complexes did not warrant quantitative monitoring of covered shrimp species; therefore, quantitative monitoring was not conducted during the 2022 fiscal year for newly observed vernal pools and complexes.

A management level change analysis is conducted in this 2022 Annual Report for planning units that received adequate rainfall (i.e., at least 55% of the historic average as defined in the VPHCP) during at least three of the 2019, 2020, 2021, and 2022 rainfall years. Yearly rainfall measured from July through June was compared to the historic average total annual rainfall (30 years) of two weather stations: Montgomery Field and Brown Field. Montgomery Field weather station is representative of rainfall across the north and central VPHCP planning units, while Brown Field weather station is representative of rainfall across the south VPHCP planning unit. In 2022, yearly rainfall measurements were within at least 55% of the average rainfall benchmark throughout the north, central, and south planning units; Brown Field weather station recorded approximately 9.36 inches of rainfall in 2022, compared to the historic average of 9.6 inches; and Montgomery Field weather station recorded approximately 6.88 inches of rainfall in

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series Vernal Pool ID <sup>2</sup> Total Number of Conserved Pools within Complex <sup>3</sup> Total Number of Conserved Pools Occupied by Foca (Sample Size) <sup>3,4</sup> Vernal Pool ID <sup>2</sup> Total Number of Conserved Pools within Complex <sup>3</sup> Total Number of Conserved Pools Occupied by Foca (Sample Size) <sup>3,4</sup> Vernal Pool ID <sup>2</sup> Pools within Complex <sup>3</sup> Image: Conserved Pools Occupied by Foca (Sample Size) <sup>3,4</sup>							ine <sup>6</sup> Baseline	
		Carroll Canyon/Parkdale	440	PONU	POAB	NAFO	ERAR		RFS	SDFS
		Carroll Canyon - D 5-8	116	0 (0)	42 (6)	1 (1)	65 (7)	0 (0)	0 (-)	5 (-)
		Pool 1077		-	√	√	~	-	-	-
		Pool 1092		-	✓	Ω	~	-	-	$\checkmark$
		Pool 1096		-	✓	-	~	-	-	-
		Pool 1109		-	✓	-	~	-	-	✓
		Pool 1740		-	✓	-	~	-	-	-
		Pool 1743		-	-	-	~	-	-	-
		Pool 1746		-	$\checkmark$	-	√	-	-	$\checkmark$
		Del Mar Mesa (City) - H 1-10, 13-15, 18-26	92	0 (0)	3 (1)	0 (0)	49 (5)	0 (0)	0 (-)	8 (-)
	North*	Pool 1255		-	-	-	$\checkmark$	-	-	-
		Pool 1260		-	Ω	Ω	$\checkmark$	-	-	-
		Pool 1264		-	-	-	$\checkmark$	-	-	-
		Pool 1272		-	-	-	√	-	-	_
Level 1		Pool 1842		-	$\checkmark$	-	Ω	-	-	-
Level I		Pool 2468		-	-	-	√	-	-	-
		Greystone Torrey Highlands - H 39	19	0 (0)	5 (1)	0 (0)	3 (1)	0 (0)	0 (-)	0 (-)
		Pool 1177		-	✓	-	~	-	-	-
		Lopez Ridge (City) - B 7-8	10	0 (0)	10 (2)	0 (0)	1 (1)	0 (0)	0 (-)	2 (-)
		Pool 706		-	✓	-	√	-	-	-
		Pool 712		-	√ 	-	-	-	-	-
		Montgomery Field - N 5-6	333	0 (0)	129 (13)	0 (0)	0 (0)	0 (0)	0 (-)	45 (-)
		Pool 4256		-	<i>√</i>	-	-	-	-	$\checkmark$
		Pool 4596		-	✓ ✓	-	-	-	-	√
		Pool 5352		-	✓ ✓	-	-	-	-	-
	Central*	Pool 5355		-	✓ ✓	-	-	-	-	-
		Pool 5356		-	✓ ✓	-	-	-	-	-
		Pool 5358		-	✓ ✓	-	-	-	-	-
		Pool 5363		-	<b>√</b>	-	-	-	-	-
		Pool 5369		-	√	-	-	-	-	-

# Table 2-3. Quantitative Monitoring Basins for City of San Diego-managed Vernal Pool Complexes by Management Level

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series Vernal Pool ID <sup>2</sup>	Total Number of Conserved Pools within Complex <sup>3</sup>	DONIU	Total Number of Conserved Pools Occupied by Focal Species (Sample Size) <sup>3,4</sup> ✓ = Presence of Focal Species <sup>5</sup> at Baseline <sup>6</sup> Ω = Presence of Focal Species Detected after Baseline         PONU       POAB       NAFO       ERAR       ORCA       RFS       SDFS						
		D. 15074		PONU		NAFO	ERAR	URCA		SDF5	
		Pool 5371		-	<b>√</b>	-	-	-	-	-	
		Pool 5388		-	√	-	-	-	-	-	
		Pool 5423		-	√ 	-	-	-	-	-	
		Pool 6351		-	√	-	-	-	-	-	
		Pool 6384		-	√	-	-	-	-	-	
		Cal Terraces (North) (City), Otay Mesa Road Parcels - J 2	304	286 (29)	0 (0)	79 (12)	275 (29)	52 (10)	93 (-)	209 (-)	
		Pool 42**		$\checkmark$	-	√	√	-	-	$\checkmark$	
		Pool 51**		$\checkmark$	-	√	√	$\checkmark$	-	$\checkmark$	
		Pool 67		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 78		$\checkmark$	-	-	$\checkmark$	$\checkmark$	~	$\checkmark$	
		Pool 89		$\checkmark$	-	-	√	-	-	$\checkmark$	
		Pool 96		√	-	~	√	-	-	$\checkmark$	
		Pool 100		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$	
		Pool 295		$\checkmark$	-	-	√	-	-	$\checkmark$	
		Pool 301		$\checkmark$	-	-	√	-	~	$\checkmark$	
		Pool 445		$\checkmark$	-	Ω	√	Ω	~	$\checkmark$	
		Pool 447		$\checkmark$	-	~	$\checkmark$	-	-	$\checkmark$	
		Pool 449		$\checkmark$	_	-	√	-	-	$\checkmark$	
	South*	Pool 450		$\checkmark$	-	-	√	-	-	-	
		Pool 451		$\checkmark$	-	-	√	-	√	$\checkmark$	
		Pool 452		$\checkmark$	-	-	$\checkmark$	-	√	$\checkmark$	
		Pool 459		√	-	~	√	-	✓ ✓	√	
		Pool 464		$\checkmark$	-	-	√	-	√	-	
		Pool 471		✓	-	~	√	√	√	√	
		Pool 473		✓	-	✓	√	-	✓	√	
		Pool 483		✓	-	-	√	√	-	✓	
		Pool 484		✓	-	-	√	√	✓	✓	
		Pool 490		√	-	√	√	√	√	✓	
		Pool 502		✓	-	✓	✓	√	✓	✓	
		Pool 509		√	-	√	√	√	√	✓	
		Pool 591		✓	-	-	√	√	-	✓	
		Pool 1310		$\checkmark$	-	√	√	$\checkmark$	-	✓	

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series Vernal Pool ID <sup>2</sup>	Total Number of Conserved Pools within Complex <sup>3</sup>	√ = Presence of Focal Species⁵ at Baseline <sup>6</sup> Ω = Presence of Focal Species Detected after Baseline						
		Dec.   4004					ERAR			SDFS
		Pool 1321		<u> </u>	-	-	<b>√</b>	-	√	√ ,
		Pool 1713		<u>√</u>	-	-	√	-	√	√
		Pool 1724		<u></u>	-	-	<b>√</b>	-	$\checkmark$	<b>√</b>
		Cal Terraces (South) - J 14	73	63 (7)	0 (0)	6 (1)	55 (7)	5 (1)	26 (-)	32 (-)
		Pool 2022		√	-	-	$\checkmark$	Ω	√	√
		Pool 2025		√	-	$\checkmark$	√	-	$\checkmark$	$\checkmark$
		Pool 2039		$\checkmark$	-	Ω	√	-	✓	√
		Pool 2043		✓	-	Ω	√	√	√	√
		Pool 2044		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2185		$\checkmark$	-	-	√	-	$\checkmark$	$\checkmark$
		Pool 2189		~	-	Ω	√	-	-	√
		Nobel Drive - X 5	11	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (-)	6 (-)
		Pool 666		-	-	√+	-	-	-	-
		Clayton Parcel - J 2	35	0 (1)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	2 (-)
		Pool 876		Ω̈́	-	-	√	-	-	-
		Goat Mesa (City) - J 16-18	15	0 (0)	0 (0)	0 (3)	4 (2)	0 (0)	1 (-)	0 (-)
		Pool 1141 <sup>x</sup>		-	-	Ω	√	-	-	-
		Pool 1142 <sup>x</sup>		-	-	Ω	Ω	-	-	-
		Pool 1189 <sup>x</sup>		-	-	-	Ω	-	-	-
		Pool 1775 <sup>x</sup>		-	-	-	Ω	-	-	-
		Pool 1920 <sup>x</sup>		-	-	-	-	-	-	-
		Pool 2642		-	-	Ω	✓	-	-	-
		Otay Lakes - K 5	85	0 (0)	0 (0)	2 (1)	46 (5)	0 (0)	0 (-)	6 (-)
		Pool 208		-	-	-	✓	-	-	-
		Pool 656		-	-	-	√	-	-	-
		Pool 891		-	-	-	√	-	-	-
		Pool 892		-	-	√	√	-	-	-
		Pool 1801		-	-	-	$\checkmark$	-	-	-
		West Otay C J 32	7	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	0 (-)
		Pool 1545		Ş	-	-	$\checkmark$	-	-	-

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series Vernal Pool ID <sup>2</sup>	Total Number of Conserved Pools within Complex <sup>3</sup>	Total Number of Conserved Pools Occupied by Focal Species (Sample Size) <sup>3,4</sup> ✓ = Presence of Focal Species <sup>5</sup> at Baseline <sup>6</sup> Ω = Presence of Focal Species Detected after Baseline						
		Dehinheed Didge 145	83	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS
		Robinhood Ridge J 4-5	83	19 (19)	0 (0)	4 (4)	46 (46)	0 (0)	6 (-)	41 (-)
		Pool 1577 Pool 1580		-	-	-	✓ ✓	-	-	-
		Pool 1580		-	-	-		-	-	-
				-	-	-	✓ ✓	-	-	-
		Pool 1596		-	-	-	✓ ✓	-	-	-
		Pool 1598		-	-	Ω		-	-	-
		Pool 1599		-	-	-	✓ ✓	-	-	-
		Pool 1600		-	-	-		-	-	-
		Pool 1601		-	-	-	√ √	-	-	-
		Pool 1602		√	-	-	√ √	-	-	-
		Pool 1603		-	-	-	✓ ✓	-	-	-
		Pool 1604		-	-	-	$\checkmark$	-	-	-
		Pool 1606		-	-	-	√ √	-	-	-
		Pool 1607		Ω	-	-	✓ ✓	-	-	-
		Pool 1608		$\checkmark$	-	-	<b>√</b>	-	-	-
		Pool 1609		-	-	-	<b>√</b>	-	-	-
Level 2	South*	Pool 1666		-	-	-	<b>√</b>	-	-	-
		Pool 1667		-	-	-	√ 	-	-	-
		Pool 1668		$\checkmark$	-	√	<b>√</b>	-	-	-
		Pool 1669		-	-	-	√	-	-	-
		Pool 1670		√	-	-	√	-	-	-
		Pool 1671		$\checkmark$	-	-	√	-	-	-
		Pool 1672		-	-	-	√	-	-	-
		Pool 1673		-	-	-	√	-	-	-
		Pool 1675		-	-	-	√	-	-	-
		Pool 1676		-	-	-	√	-	-	-
		Pool 1677		-	-	-	√	-	-	-
		Pool 1678		-	-	-	√	-	-	-
		Pool 1679		-	-	-	√	-	-	-
		Pool 1684		$\checkmark$	-	-	√	-	-	-
		Pool 1685		-	-	-	√	-	-	-
		Pool 1688		$\checkmark$	-	-	✓	-	-	-
		Pool 1689		$\checkmark$	-	-	$\checkmark$	-	-	-

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name -	Total Number of Conserved Pools within Complex <sup>3</sup>	Total Number of Conserved Pools Occupied by Focal Species (Sample Size) <sup>3,4</sup> √ = Presence of Focal Species <sup>5</sup> at Baseline <sup>6</sup> Ω = Presence of Focal Species Detected after Baseline							
			Complex	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	
		Pool 1691		-	-	-	✓	-	-	-	
		Pool 1692		-	-	-	√	-	-	-	
		Pool 1693		-	-	-	√	-	-	-	
		Pool 1694		-	-	-	$\checkmark$	-	-	-	
		Pool 1696		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1697		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	-	
		Pool 1698		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1699		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1700		$\checkmark$	-	√	√	-	-	-	
		Pool 1701		-	-	-	$\checkmark$	-	-	-	
		Pool 1702		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1703		$\checkmark$	-	-	Ω	-	-	-	
		Pool 1705		$\checkmark$	-	-	Ω	-	-	-	
		Pool 1706		$\checkmark$	-	-	-	-	-	-	
		Pool 1708		$\checkmark$	-	-	√	-	-	-	
		Pool 1709		Ω	-	-	√	-	-	-	
		Pool 1710		√	-	√	√	-	-	-	
	Quitt	South Otay 1 acre (City) - J 13 N	17	0 (0)	0 (0)	1 (1)	1 (1)	1 (1)	0 (-)	0 (-)	
Level 3	South*	Pool 1235		-	-	√	-	√	-	-	
		Pool 2339		-	-	-	√	Ω	-	-	

<sup>1</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall) in the respective planning unit.

<sup>2</sup> Double asterisk (\*\*) in vernal pool ID indicates vernal pool is under ownership of Tripoint. Superscripted X (<sup>X</sup>) indicates vernal pool was impacted by the Caliente Fire in 2019, prior to integration into the program and baseline data collection.

<sup>3</sup> Based on existing management and monitoring levels developed during baseline surveys.

<sup>4</sup> Per VPMMP, sample size is based on management and monitoring levels; Level 1: 10% of occupied pools in each complex OR if complex has <10 pools for each covered plant species, survey at least one pool for each covered species known to occur, Level 2 and 3: All pools in complex with covered plant species

<sup>5</sup> Species acronyms are defined as follows: ERAR = *Eryngium aristulatum* var. *parishii*, NAFO = *Navarretia fossalis*, ORCA = *Orcuttia californica*,

POAB = Pogogyne abramsii, PONU = Pogogyne nudiuscula, RSF = Riverside fairy shrimp, SDFS = San Diego fairy shrimp.

<sup>6</sup> Cross (+) indicates a correction to baseline data for focal species presence was made during a prior reporting period.

# Table 2-4. 2022 Focal Plant and Nonnative Species Cover Classes

Mgmt.	Planning	Vernal Pool Complex Name -	Aver	age Focal I	Average Nonnative			
Level <sup>1</sup>	Unit <sup>2</sup>	Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class <sup>3</sup>
		apted from California Native Plant Soc						
estimated	percentage of	of plant cover. The cover classes are			<u>%, 2 = &gt;10–</u>	25%, 3 = >	25–50%, 4	= >50%
		Carroll Canyon/Parkdale Carroll C	Canyon -	D 5-8				•
		Pool 1077	0	1	0	1	0	1
		Pool 1092	0	1	0	1	0	1
		Pool 1096	0	1	0	1	0	1
		Pool 1109	0	1	0	2	0	1
		Pool 1740	0	1	0	4	0	1
		Pool 1743	0	0	0	1	0	1
		Pool 1746	0	1	0	2	0	1
		Del Mar Mesa (City) - H 1-10, 13-1	5, 18-26					
	North	Pool 1255	0	0	0	2	0	1
	Norun	Pool 1260	0	1	0	1	0	1
		Pool 1264	0	0	0	2	0	1
	-	Pool 1272	0	0	0	2	0	1
		Pool 1842	0	3	0	1	0	1
		Pool 2468	0	0	0	1	0	1
Level 1		Greystone Torrey Highlands - H 3	9					
Lever		Pool 1177	0	3	0	1	0	3
		Lopez Ridge (City) - B 7-8						
		Pool 706	0	1	0	0	0	1
		Pool 712	0	1	0	0	0	1
		Montgomery Field - N 5-6						
		Pool 4256	0	1	0	0	0	1
		Pool 4596	0	1	0	0	0	1
		Pool 5352	0	1	0	0	0	1
		Pool 5355	0	0	0	0	0	1
	Orman	Pool 5356	0	1	0	0	0	1
	Central	Pool 5358	0	2	0	0	0	1
		Pool 5363	0	1	0	0	0	2
		Pool 5369	0	1	0	0	0	1
		Pool 5371	0	1	0	0	0	3
		Pool 5388	0	1	0	0	0	1
		Pool 5423	0	1	0	0	0	1

Mgmt.	Planning	Vernal Pool Complex Name -									
Level <sup>1</sup>	Unit <sup>2</sup>	Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class <sup>3</sup>			
		Pool 6351	0	1	0	0	0	1			
		Pool 6384	0	3	0	0	0	1			
		Cal Terraces (North) (City), Otay I	Mesa Roa	ad Parcels	- J 2						
		Pool 42**	0	0	0	1	0	1			
		Pool 51**	0	1	1	1	0	2			
		Pool 67	1	0	0	1	0	3			
		Pool 78	2	0	0	2	0	3			
		Pool 89	2	0	0	1	0	3			
		Pool 96	0	0	0	3	0	1			
		Pool 100	1	0	0	3	0	2			
		Pool 295	0	0	0	1	0	2			
		Pool 301	1	0	0	1	0	1			
		Pool 445	1	0	1	1	0	1			
		Pool 447	0	0	1	1	0	1			
		Pool 449	1	0	0	1	0	1			
		Pool 450	1	0	0	3	0	1			
		Pool 451	1	0	0	1	0	4			
		Pool 452	1	0	0	1	0	1			
	South*	Pool 459	1	0	0	1	0	1			
	South	Pool 464	1	0	0	1	0	4			
		Pool 471	1	0	1	1	0	2			
		Pool 473	2	0	0	1	0	1			
		Pool 483	0	0	0	1	0	1			
		Pool 484	1	0	0	2	0	1			
		Pool 490	1	0	0	1	0	1			
		Pool 502	1	0	1	1	0	1			
		Pool 509	1	0	1	1	0	1			
		Pool 591	1	0	0	2	0	2			
		Pool 1310	2	0	0	2	0	1			
		Pool 1321	3	0	0	1	0	2			
		Pool 1713	1	0	0	2	0	1			
		Pool 1724	0	0	0	2	0	1			
		Cal Terraces (South) - J 14									
		Pool 2022	0	0	0	2	0	2			
		Pool 2025	1	0	0	1	0	1			
		Pool 2039	3	0	0	1	0	1			

Mgmt.	Planning	Vernal Pool Complex Name -	Avera	age Focal I	Average Nonnative			
Level <sup>1</sup>	Unit <sup>2</sup>	Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class <sup>3</sup>
		Pool 2043	1	0	1	1	0	1
		Pool 2044	1	0	0	1	0	1
		Pool 2185	4	0	0	1	0	1
		Pool 2189	1	0	1	1	0	1
		Nobel Drive - X 5						
		Pool 666	0	0	0	0	0	1
		Clayton Parcel - J 2						
		Pool 876	1	0	0	1	0	4
		Goat Mesa (City) - J 16-18						
		Pool 1141	0	0	0	1	0	1
		Pool 1142	0	0	0	1	0	2
		Pool 1189	0	0	0	1	0	1
		Pool 1775	0	0	0	1	0	1
		Pool 1920	0	0	0	0	0	1
		Pool 2642	0	0	0	2	0	2
		Otay Lakes - K 5						
		Pool 208	0	0	0	1	0	2
		Pool 656	0	0	0	1	0	1
		Pool 891	0	0	0	1	0	1
		Pool 892	0	0	0	1	0	1
		Pool 1801	0	0	0	1	0	2
		West Otay C J 32						
		Pool 1545	1	0	0	1	0	2
		Robinhood Ridge J 4-5						
		Pool 1577	0	0	0	0	0	4
		Pool 1580	0	0	0	1	0	4
		Pool 1595	0	0	0	4	0	1
		Pool 1596	0	0	0	4	0	1
		Pool 1598	0	0	0	2	0	1
Level 2	South*	Pool 1599	0	0	0	3	0	1
		Pool 1600	0	0	0	4	0	1
		Pool 1601	0	0	0	4	0	1
		Pool 1602	0	0	0	4	0	1
		Pool 1603	0	0	0	4	0	2
		Pool 1604	0	0	0	3	0	2
		Pool 1606	0	0	0	3	0	1

Mgmt.	Planning	Vernal Pool Complex Name -	Avera	age Focal	Average Nonnative			
Level <sup>1</sup>	Unit <sup>2</sup>	Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class <sup>3</sup>
		Pool 1607	1	0	0	3	0	1
		Pool 1608	0	0	0	4	0	1
		Pool 1609	0	0	0	3	0	1
		Pool 1666	0	0	0	3	0	1
		Pool 1667	0	0	0	4	0	1
		Pool 1668	1	0	0	3	0	2
		Pool 1669	0	0	0	4	0	2
		Pool 1670	0	0	0	4	0	2
		Pool 1671	0	0	0	4	0	2
		Pool 1672	0	0	0	4	0	2
		Pool 1673	0	0	0	4	0	2
		Pool 1675	0	0	0	4	0	1
		Pool 1676	0	0	0	3	0	1
		Pool 1677	0	0	0	3	0	3
		Pool 1678	0	0	0	4	0	1
		Pool 1679	0	0	0	3	0	1
		Pool 1684	0	0	0	4	0	1
		Pool 1685	0	0	0	1	0	1
		Pool 1688	0	0	0	4	0	1
		Pool 1689	0	0	0	4	0	2
		Pool 1691	0	0	0	4	0	3
		Pool 1692	0	0	0	4	0	1
		Pool 1693	0	0	0	4	0	3
		Pool 1694	0	0	0	0	0	1
		Pool 1696	0	0	0	4	0	2
		Pool 1697	0	0	0	3	0	3
		Pool 1698	0	0	0	3	0	2
		Pool 1699	0	0	0	3	0	4
		Pool 1700	1	0	0	1	0	3
		Pool 1701	0	0	0	3	0	2
		Pool 1702	0	0	0	4	0	2
		Pool 1703	0	0	0	1	0	4
		Pool 1705	0	0	0	1	0	4
		Pool 1706	1	0	0	0	0	1
		Pool 1708	1	0	0	0	0	4
		Pool 1709	1	0	0	0	0	4

Mgmt.	Planning	Vernal Pool Complex Name -	Avera	age Focal I	Classes	Average Nonnative		
Level <sup>1</sup>	Unit <sup>2</sup>	Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class <sup>3</sup>
		Pool 1710	0	0	0	2	0	4
		South Otay 1 acre (City) - J 13 N						
Level 3	South*	Pool 1235	0	0	0	0	0	3
		Pool 2339	0	0	0	1	0	4

<sup>1</sup> Level 3 vernal pool complexes are in Year 3 of the 5-year minimum period required prior to VPMMP standards assessment; double asterisk (\*\*) in vernal pool ID indicates vernal pool is under ownership of Tripoint.

<sup>2</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall). This Annual Report analyzes data from the following years for each respective management unit: North and Central = 2019, 2020, and 2022; South = 2020, 2021, and 2022.

Table 2-5. Average Change in Focal Plant and Nonnative Species Cover Classes and Fairy Shrimp Density from Baseline

Mgmt.	Planning	Vernal Pool Complex Name	Averaç	ge Focal Pl	ant Specie	es Cover C	lasses		age Fairy o Density <sup>3</sup>	Average Nonnative	Vernal Pool			
Level <sup>1</sup>	Unit <sup>2</sup>	- Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class <sup>3</sup>	Maximum Depth <sup>4,5</sup>			
		ted from California Native Plant					nd are defi	ned as a	range of es	stimated perce	entage of plant			
		are as follows: 1 = 1-10%, 2 =												
		e indicates the following: Green		rease in cov	ver class, V	Vhite cells	= no chang	je in cov	er class, and	d Red cells = (	decrease in			
		is reversed for nonnative cover $h(x) = f_{0}(x)$		acline: foru	word cloch (		nool rocou	iroo not i	waluatad					
Key to Syn	lbology. das	h (-) = focal species not detecte Carroll Canyon/Parkdale Car			varu slasn (	<u>r) – vernai</u>	poorresou		evaluated.					
		Pool 1077		0.3	-0.3	1.0	0.0	1	1	0.0	1			
		Pool 1092	0.0	1.0	0.3	0.3	0.0	/	/	0.0	1			
		Pool 1092	0.0	1.0	0.0	1.3	0.0	/	/	0.0	/			
		Pool 1109	0.0	0.3	0.0	1.3	0.0	/	/	0.3	/			
		Pool 1740	0.0	1.3	0.0	2.3	0.0	/	/	0.0	/			
		Pool 1743	0.0	0.0	0.0	1.3	0.0	,	/	0.3	/			
		Pool 1746	0.0	0.0	0.0	1.7	0.0	,	/	0.0	/			
		Del Mar Mesa (City) - H 1-10, 13-15, 18-26												
	Number	Pool 1255	0.0	0.0	0.0	1.7	0.0	/	/	0.0	/			
	North	Pool 1260	0.0	1.0	0.3	0.7	0.0	/	/	0.0	/			
		Pool 1264	0.0	0.0	0.0	1.0	0.0	/	/	0.0	/			
		Pool 1272	0.0	0.0	0.0	1.7	0.0	/	/	0.0	/			
Level 1		Pool 1842	0.0	0.3	0.0	1.0	0.0	/	/	0.0	/			
		Pool 2468	0.0	0.0	0.0	0.0	0.0	/	/	0.7	/			
		<b>Greystone Torrey Highlands</b>						-						
		Pool 1177	0.0	1.7	0.0	0.3	0.0	/	/	1.0	/			
		Lopez Ridge (City) - B 7-8		1	T		1	1			1			
		Pool 706	0.0	0.3	0.0	-1.0	0.0	/	/	0.0	/			
		Pool 712	0.0	0.7	0.0	0.0	0.0	/	/	0.0	/			
		Montgomery Field - N 5-6						1 .						
		Pool 4256	0.0	0.0	0.0	0.0	0.0	1	/	0.3	1			
		Pool 4596	0.0	0.3	0.0	0.0	0.0	/	/	-1.0				
	Central	Pool 5352	0.0	0.3	0.0	0.0	0.0	/	/	-1.0	/			
		Pool 5355	0.0	-0.3 0.7	0.0	0.0	0.0	/		-1.0	/			
		Pool 5356	0.0	-1.3	0.0	0.0	0.0	/	1	-2.7 -2.0	/			
		Pool 5358	0.0	-1.3	0.0	0.0	0.0	/	/	-2.0	1			

Mgmt.	Planning	Vernal Pool Complex Name	Averaç	ge Focal Pl	ant Specie	es Cover C	lasses		age Fairy o Density <sup>3</sup>	<sup>3</sup> Nonnative	
Level <sup>1</sup>	Unit <sup>2</sup>	- Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class <sup>3</sup>	Maximum Depth <sup>4,5</sup>
		Pool 5363	0.0	-1.7	0.0	0.0	0.0	/	/	-1.3	
		Pool 5369	0.0	-2.0	0.0	0.0	0.0	1	/	-2.0	
		Pool 5371	0.0	-1.0	0.0	0.0	0.0	- 1	/	-2.3	
		Pool 5388	0.0	0.0	0.0	0.0	0.0	/	/	-2.0	/
		Pool 5423	0.0	0.0	0.0	0.0	0.0	/	/	-2.0	/
		Pool 6351	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		Pool 6384	0.0	0.0	0.0	0.0	0.0	/	/	-2.0	/
		Cal Terraces (North) (City), C									-
		Pool 42**	-3.0	0.0	-0.7	0.7	0.0	1	/	0.0	1
		Pool 51**	-2.3	0.3	0.0	0.0	-1.0	- 1	/	0.3	
		Pool 67	-3.0	0.0	0.0	0.0	0.0	- 1	/	-0.3	1
		Pool 78	-0.7	0.0	0.0	1.0	-0.7	1	/	0.7	1
		Pool 89	-2.0	0.0	0.0	0.3	0.0	1	/	-0.3	1
		Pool 96	-1.0	0.0	-1.0	2.0	0.0	/	/	0.0	/
		Pool 100	-1.3	0.0	-1.0	2.0	0.0	/	/	0.3	/
		Pool 295	-2.0	0.0	0.0	1.3	0.0	/	/	0.3	1
		Pool 301	-1.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		Pool 445	-0.7	0.0	0.3	0.7	0.3	/	/	0.0	/
		Pool 447	-2.0	0.0	-0.7	0.7	0.0	/	/	0.0	/
		Pool 449	-1.7	0.0	0.0	0.0	0.0	/	/	0.0	/
	South*	Pool 450	-2.0	0.0	0.0	2.0	0.0	/	/	0.0	/
		Pool 451	-0.3	0.0	0.0	0.0	0.0	/	/	-1.0	/
		Pool 452	-1.0	0.0	0.0	1.0	0.0	/	/	0.0	/
		Pool 459	-1.0	0.0	-1.0	0.3	0.0	/	/	0.0	/
		Pool 464	-1.0	0.0	0.0	0.0	0.0	/	/	-1.7	/
		Pool 471	-2.0	0.0	-0.3	0.7	-1.0	1	/	0.3	/
		Pool 473	-0.3	0.0	-1.7	1.0	0.0	/	/	1.0	/
		Pool 483	-2.0	0.0	0.0	1.0	-0.7	1	/	0.0	/
		Pool 484	-1.0	0.0	0.0	1.0	-0.7	/	/	0.0	/
		Pool 490	-1.0	0.0	-1.0	0.3	-1.3	/	/	0.0	/
		Pool 502	-1.0	0.0	0.0	0.0	-1.0	/	/	0.0	/
		Pool 509	-1.0	0.0	-0.3	0.0	0.0	/	/	0.0	/
		Pool 591	0.0	0.0	0.0	1.0	-2.0	/	/	0.3	/
		Pool 1310	-0.3	0.0	-0.7	1.3	-0.7	/	/	0.0	/

Mgmt.	Planning	Vernal Pool Complex Name	Averaç	ge Focal Pl	ant Specie	es Cover C	lasses	Average Fairy Shrimp Density <sup>3</sup>		Average Nonnative	Vernal Pool
Level <sup>1</sup>	Unit <sup>2</sup>	- Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class <sup>3</sup>	Maximum Depth <sup>4,5</sup>
		Pool 1321	1.3	0.0	0.0	0.0	0.0	/	/	-0.7	/
		Pool 1713	0.0	0.0	0.0	2.0	0.0	/	/	0.0	/
		Pool 1724	-1.0	0.0	0.0	1.0	0.0	/	/	0.0	/
		Cal Terraces (South) - J 14									
		Pool 2022	-1.0	0.0	0.0	1.0	0.3	/	/	0.3	/
		Pool 2025	0.3	0.0	-1.0	0.0	0.0	/	/	0.3	/
		Pool 2039	1.3	0.0	0.7	0.7	0.0	/	/	0.0	/
		Pool 2043	-0.7	0.0	0.3	0.0	0.0	/	/	0.0	/
		Pool 2044	-0.3	0.3	0.0	0.3	0.0	/	/	0.0	/
		Pool 2185	-0.7	0.0	0.0	0.7	0.0	/	/	0.0	/
		Pool 2189	0.0	0.0	0.7	0.0	0.0	/	/	0.7	/
		Nobel Drive - X 5									
		Pool 666	0.0	0.0	0.3	0.0	0.0	/	/	0.0	/
		Clayton Parcel - J 2				•					
		Pool 876	1.0	0.0	0.0	-0.3	0.0	/	/	0.3	/
		Goat Mesa (City) - J 16-18			•						
		Pool 1141	0.0	0.0	0.3	0.0	0.0	/	/	0.0	/
		Pool 1142	0.0	0.0	0.3	1.0	0.0	/	/	-1.0	/
		Pool 1189	0.0	0.0	0.0	1.0	0.0	/	/	0.0	/
		Pool 1775	0.0	0.0	0.0	1.0	0.0	/	/	0.0	/
		Pool 1920	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		Pool 2642	0.0	0.0	0.3	1.3	0.0	/	/	-0.7	/
		Otay Lakes - K 5		•	•						
		Pool 208	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		Pool 656	0.0	0.0	0.0	0.0	0.0	/	/	-0.7	/
		Pool 891	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		Pool 892	0.0	0.0	-1.0	0.0	0.0	/	/	-0.3	/
		Pool 1801	0.0	0.0	0.0	0.0	0.0	/	/	0.0	/
		West Otay C J 32								-	
		Pool 1545	1.0	0.0	0.0	0.0	0.0	/	/	0.3	/

Mamt	Planning	Vernal Pool Complex Name	Averaç	ge Focal Pl	ant Specie	es Cover C	lasses	Average Fairy Shrimp Density <sup>3</sup>		Average Nonnative	Vernal Pool Maximum
Mgmt. Level <sup>1</sup>	Unit <sup>2</sup>	- Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class <sup>3</sup>	Maximum Depth <sup>4,5</sup>
		Robinhood Ridge J 4-5									
		Pool 1577	0.0	0.0	0.0	-1.0	0.0	/	/	-0.3	/
		Pool 1580	0.0	0.0	0.0	0.0	0.0	1	/	1.3	/
		Pool 1595	0.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1596	0.0	0.0	0.0	2.3	0.0	/	/	0.0	/
		Pool 1598	0.0	0.0	1.0	0.7	0.0	/	/	0.0	/
		Pool 1599	0.0	0.0	0.0	2.0	0.0	/	/	0.0	/
		Pool 1600	0.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1601	0.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1602	-1.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1603	0.0	0.0	0.0	2.0	0.0	/	/	0.3	/
		Pool 1604	0.0	0.0	0.0	2.7	0.0	/	/	0.7	/
		Pool 1606	0.0	0.0	0.0	2.3	0.0	/	/	0.0	/
		Pool 1607	0.0	0.0	0.0	2.3	0.0	/	/	0.0	/
		Pool 1608	-1.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1609	0.0	0.0	0.0	2.7	0.0	/	/	0.0	/
	South*	Pool 1666	0.0	0.0	0.0	2.0	0.0	/	/	0.0	/
Level 2	South	Pool 1667	0.0	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1668	0.0	0.0	-0.7	2.7	0.0	/	/	0.3	/
		Pool 1669	0.0	0.0	0.0	3.0	0.0	/	/	0.3	/
		Pool 1670	-0.7	0.0	0.0	3.0	0.0	/	/	0.3	/
		Pool 1671	-1.0	0.0	0.0	3.0	0.0	/	/	0.7	/
		Pool 1672	0.0	0.0	0.0	2.3	0.0	/	/	0.7	/
		Pool 1673	0.0	0.0	0.0	2.3	0.0	/	/	-2.7	/
		Pool 1675	0.0	0.0	0.0	3.0	0.0	/	/	0.3	/
		Pool 1676	0.0	0.0	0.0	2.0	0.0	/	/	0.0	/
		Pool 1677	0.0	0.0	0.0	2.3	0.0	/	/	0.0	/
		Pool 1678	0.0	0.0	0.0	3.0	0.0	/	/	-0.7	/
		Pool 1679	0.0	0.0	0.0	2.0	0.0	/	/	0.3	/
		Pool 1684	-1.0	0.0	0.0	3.0	0.0	/	/	0.3	/
		Pool 1685	0.0	0.0	0.0	0.0	0.0	/	/	0.3	/
		Pool 1688	-0.7	0.0	0.0	3.0	0.0	/	/	0.0	/
		Pool 1689	-1.0	0.0	0.0	3.0	0.0	/	/	0.3	/
		Pool 1691	0.0	0.0	0.0	2.7	0.0	/	/	-0.3	/

Mgmt.	Planning	Vernal Pool Complex Name	Averag	ge Focal Pl	ant Specie	s Cover C	lasses		ige Fairy Density <sup>3</sup>	Average Nonnative	Vernal Pool
Level <sup>1</sup>	<sup>1</sup> Unit <sup>2</sup>	- Complex Series Vernal Pool ID	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class <sup>3</sup>	Maximum Depth <sup>4,5</sup>
		Pool 1692	0.0	0.0	0.0	2.3	0.0	/	/	0.0	/
		Pool 1693	0.0	0.0	0.0	2.3	0.0	/	/	-0.3	/
		Pool 1694	0.0	0.0	0.0	-1.0	0.0	/	/	-0.3	/
		Pool 1696	-0.7	0.0	0.0	3.0	0.0	/	/	0.7	/
		Pool 1697	-1.0	0.0	-1.0	2.7	0.0	/	/	0.7	/
		Pool 1698	-1.0	0.0	0.0	2.3	0.0	/	/	0.3	/
		Pool 1699	-1.0	0.0	0.0	1.3	0.0	/	/	1.0	/
		Pool 1700	0.0	0.0	-1.0	0.7	0.0	/	/	1.0	/
		Pool 1701	0.0	0.0	0.0	2.7	0.0	/	/	0.3	/
		Pool 1702	-1.0	0.0	0.0	3.0	0.0	/	/	1.0	/
		Pool 1703	-1.0	0.0	0.0	0.7	0.0	/	/	1.7	/
		Pool 1705	-1.0	0.0	0.0	1.0	0.0	/	/	0.3	/
		Pool 1706	0.0	0.0	0.0	0.0	0.0	/	/	-2.0	/
		Pool 1708	0.3	0.0	0.0	-1.0	0.0	/	/	1.0	/
		Pool 1709	0.3	0.0	0.0	-1.0	0.0	/	/	0.0	/
		Pool 1710	-0.7	0.0	-1.0	2.0	0.0	/	/	0.3	/
		South Otay 1 acre (City) - J 1	3 N								
Level 3	South*	Pool 1235	0.0	0.0	-1.0	0.0	-1.0	/	/	-0.3	/
		Pool 2339	0.0	0.0	0.0	0.0	0.3	/	/	-0.7	/

<sup>1</sup> Level 3 vernal pool complexes are in Year 3 of the 5-year minimum period required prior to VPMMP standards assessment; double asterisk (\*\*) in vernal pool ID indicates vernal pool is under ownership of Tripoint.

<sup>2</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall). This Annual Report analyzes data from the following years for each respective management unit: North and Central = 2019, 2020, and 2022; South = 2020, 2021, and 2022.

<sup>4</sup> Fairy shrimp density surveys and topographic disturbance assessments are conducted when warranted based on qualitative survey observations, as discussed in the VPMMP.

<sup>5</sup> Baseline hydrologic surveys have not been conducted as of this monitoring period. When baseline is established, maximum depth of ponding will be measured and evaluated.

2022, compared to the historic average of 11.4 inches. The north and central planning units received adequate rainfall during three of the four years following the adoption of the VPHCP and therefore qualify for a management level change analysis across years 2019, 2020, and 2022. The south planning unit received adequate rainfall during all years following the adoption of the VPHCP and therefore qualifies for a management level change analysis across the three most recent years of 2020 through 2022; a running annual rainfall total is detailed in Table 2-6.

Based on the data available for analysis in 2022, two vernal pool complexes may be subject to a management level change from Level 1 to Level 2. However, due to the timing of this report and data analysis, completion of management activities necessary for any proposed management level changes would not be possible because the 2023 reporting period will have been completed in the time that this report is published. Therefore, the City proposes deferring management level changes to the 2024 reporting period, as determined by the 2023 reporting period data.

Based on 2022 data, the following Level 1 vernal pool complexes would have been subject to a management level change of A- (Level 1 to Level 2) based on change in focal species cover: Cal Terraces (North) and Otay Mesa Road Parcels. The following Level 1 vernal pool complex would have been subject to a management level change of A- (Level 1 to Level 2) based on change in combined nonnative species cover: Greystone Torrey Highlands. The Level 2 vernal pool complex (Robinhood Ridge) is subject to a management level change of A+ (Level 2 to Level 1) based on change in focal species cover. The City proposes updating the Robinhood Ridge vernal pool complex management level to Level 1, as the timing of this Annual Report submittal did not impact the level of management conducted at Robinhood Ridge. Additionally, recent management for Robinhood Ridge is grant-funded (2020-2024) and the level of management conducted due to grant funding exceeds Level 2 management activities. Level 3 vernal pool complexes will be analyzed for management level change in the 2023 report, once five years of data are available. A summary of management level changes is detailed in Table 2-7.

Quantitative topographic disturbance assessments (referenced in Table 2-5) were not conducted during the 2022 monitoring period due to the absence of baseline hydrologic data and are discussed in further detail in Section 2.1.3 of this 2022 Annual Report. However, minor topographic disturbance is assessed qualitatively and addressed during management activities, as needed.

# 2.1.3 Baseline Hydrologic Surveys

Baseline hydrologic surveys have not been conducted as of this monitoring period. Per the VPMMP, baseline surveys shall be conducted for the City-owned vernal pool basins and privately owned vernal pool basins subject to the VPHCP management and monitoring criteria, regardless of management level. Baseline hydrologic data shall be collected within 5 years of VPHCP implementation and serve as a benchmark from which topographic and hydrologic disturbance can be assessed (refer to Chapter 4.1.2 of the VPMMP for further details regarding baseline hydrologic surveys). Baseline hydrologic surveys will be conducted by 2024 to satisfy this requirement.

Planning	Weather	Mean	55% of	Total Rainfall by Year <sup>1,2</sup>						
Unit	Station	Rainfall (30 Years) <sup>1</sup>	Normal Rainfall <sup>1</sup> 6.3	2019	2020	2021	2022			
North	Montgomery									
Central	Field	11.4	6.3	13.5	12.88	5.93	6.88			
South	Brown Field	9.6	5.3	12.07	17.54	6.03	9.68			

### Table 2-6. 2019–2022 Annual Rainfall Totals

Source: http://www.wrh.noaa.gov/sgx/obs/rtp/rtpmap.php?wfo=sgx and San Diego County Department of Public Works <sup>1</sup> Rainfall data is presented in inches for the appropriate region for the period of July through June, per the Hydrogeomorphic Model approach.

<sup>2</sup> Red cells indicate yearly totals did not meet 55% of normal rainfall.

#### Table 2-7. Proposed Management Level Change

Planning	Vernel Reel Complex	Proposed	Average Change in Plant Species Cover Classes						Shrimp sity <sup>3</sup>	Average Nonnative	Change in
Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series	Management Level Change <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class (2020-2022) <sup>4</sup>	Hydrologic Function⁵
North*	Carroll Canyon	NC	-	0.6	0.0	1.3	-	/	/	(0.1)	/
	Del Mar Mesa (City)	NC	-	0.2	0.1	1.0	-	/	/	(0.1)	/
	Greystone Torrey Highlands	NC <sup>2</sup>	-	1.7	-	0.3	-	/	1	1.0	/
	Lopez Ridge (City)	NC	-	0.5	-	(0.5)	-	/	/	0.0	/
Central*	Montgomery Field	NC	-	(0.4)	-	-	-	/	/	(1.5)	/
South*	Cal Terraces (North), Otay Mesa Road Parcels	NC <sup>2</sup>	(1.2)	-	(0.3)	0.7	(0.3)	/	1	0.0	/
	Cal Terraces (South)	NC	(0.1)	0.0	0.1	0.4	0.0	/	/	0.2	/
	Nobel Drive	NC	-	-	0.3	-	-	/	/	0.0	/
	Clayton Parcel	NC	1.0	-	-	(0.3)	-	/	/	(0.3)	/
	Goat Mesa	NC	-	-	0.2	0.7	-	/	/	(1.7)	/
	Otay Lakes	NC	-	-	(0.2)	-	-	/	/	(0.1)	/
	West Otay C	NC	1.0	-	-		-	/	/	0.3	/
South*	Robinhood Ridge	Level 2 to Level 1 <sup>2</sup>	(0.3)	-	(0.1)	2.0	-	/	/	0.2	/
South*	South Otay 1 acre (City)	NA <sup>2</sup>	-	-	(0.5)	0.0	(0.3)	/	/	(0.5)	/

Key to Management Change: NC = No Change; NA = Not Applicable

Key to Symbology: dash (-) = Focal species not detected during baseline; forward slash (*I*) = vernal pool resource not evaluated; parentheses [()] = decline in cover class; green and red shading = indicates change in average focal species or nonnative species cover class meets VPMMP threshold(s) to trigger a management level change.

<sup>1</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate (55% of average rainfall) for VPMMP standards assessment of <u>focal species</u>; triggers associated with change in cover of nonnative species are applicable regardless of rainfall.

<sup>2</sup> Management level triggers are applicable only to Level 1 and Level 2 vernal pool complexes. Level 3 vernal pool complexes will be analyzed for management level triggers when a minimum of 5 years of management activities are fulfilled, per the VPMMP. Due to the timing of this report, no management level changes are proposed for the following vernal pool complexes: Greystone Torrey Highlands and Cal Terraces (North), Otay Mesa Road Parcels.

<sup>3</sup> Fairy shrimp density surveys and topographic disturbance assessments are conducted when warranted based on qualitative survey observations, as discussed in the VPMMP.

<sup>4</sup> Nonnative species triggers apply regardless of adequate rainfall and are assessed by comparing the most recent 3-year average cover to baseline cover adopted during 2018 vernal pool monitoring; management triggers A-, B-, and C- apply to complexes with greater than 10% total nonnative cover.

<sup>5</sup> Baseline hydrologic surveys have not been conducted as of this monitoring period. When baseline is established, maximum depth of ponding will be measured and evaluated.

### 2.2 Private Property Management and Monitoring

As discussed in Section 1.4 of this 2022 Annual Report, the City's responsibilities under the VPHCP include enforcement of management and monitoring of vernal pool complexes consistent with the VPCHP. During the 2022 fiscal year, projects occurring on private property within VPHCP jurisdiction did not require long-term management and monitoring; rather, private projects were still in the implementation stage of mitigation programs. Private property management and monitoring activities for projects predating VPHCP implementation are outlined within site-specific plans. Appendix D details site-specific activities outlined within the associated plans, including requirements for maintenance, monitoring, success criteria, and reporting. Project-specific associated plans include further details regarding maintenance and monitoring requirements for each privately owned vernal pool complex. In reporting year 2022, the City requested private project mitigation management and monitoring report updates be provided to the City for inclusion in VPHCP annual reporting. The City received "Handler Commercial & Otay Mesa Road Vernal Pool Maintenance" (Alden 2022) in January 2022, included as Appendix E in this Annual Report. Report submittals anticipated during fiscal year 2023 will be included in the 2023 Annual Report.

### 2.3 Take Summary

A yearly running total of authorized take associated with covered projects and covered activities is summarized in Table 2-8, which details the impacts to vernal pool habitat (including number of basins and total acreage), impacts to Covered Species, and associated mitigation activities. During the reporting period, no incidental take was reported.

#### Table 2-8. 2019-2022 Take Summary

Year	Vernal Pool Complex Name and Pool ID	Management Responsibility	Project Name	Mitigation Type <sup>1</sup>	Acreage of Impacted Pools <sup>2</sup>	Proposed Mitigation <sup>2</sup>	Recorded Presence/Absence of Focal Species within Impacted Vernal Pools						
							PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS
2019	-	-	-	-	-	-							
	Rhodes Crossings												
	581	Private	Merge 56	CR	0.042	0.196							$\checkmark$
	582	Private	Merge 56	CR									$\checkmark$
	272	Private	Merge 56	CR									$\checkmark$
2020	273	Private	Merge 56	CR									$\checkmark$
	1527	Private	Merge 56	CR									$\checkmark$
	2093	Private	Merge 56	CR									$\checkmark$
	2094	Private	Merge 56	CR									$\checkmark$
	2086	Private	Merge 56	CR									
2021	-	-	-	-	-	-							
2022	-	-	-	-	-	-							
TOTAL ACREAGE:				0.042	0.196	0	0	0	0	0	0	7 basins	
	TOTAL NUMBER OF IMACPTED BASINS:				8								

<sup>1</sup>Mitigation type is informed by associated site-specific mitigation plan. Abbreviations are defined as follows: CR = Vernal Pool Creation; EN = Enhancement; RE = Restoration. <sup>2</sup>Acreages of impacts and proposed mitigation are derived from site-specific mitigation plan.

#### **VPHCP** Funding 3

#### 3.1 Spend During Reporting Period and Future Funding Sources

Fiscal year spend for VPHCP management and monitoring activities coinciding with this reporting period is detailed in Table 3-1. Table 3-2 identifies funding sources for Year 5 (2023) of VPHCP implementation. Funds for implementing the VPHCP program for City Department of Parks and Recreation and Planning Departments come from the General Fund, while the City Department of Real Estate and Airport Management and Public Utilities Department uses Enterprise Funds.

#### Table 3-1. Spend in Current Fiscal Year (2022)

City Department <sup>1</sup>	Estimated Expenditure <sup>2</sup>				
City Department	City Staff	Contractor			
PUD	\$14,679.93	\$228,550.74*			
P&R	\$183,954.65	\$143,849.50			
DREAM	\$6,000.00	\$10,776.00			
Planning	\$47,458.70	\$ -			
Total Estimated City-Wid	\$635,269.52				

<sup>1</sup>City department acronyms defined as follows: PUD = Public Utilities Department, P&R = Parks and Recreation,

DREAM = Department of Real Estate and Airport Management

<sup>2</sup>Additional details pertaining to specific expenditures: asterisk (\*) = Total expenditure, includes costs for SANDER Mitigation Site Management

### Table 3-2. Funding Sources for Fiscal Year 2023

City Department <sup>1</sup>	Funding Source <sup>2</sup>	Estimated Expenditure <sup>3</sup>				
City Department	Funding Source-	City Staff	Contractor			
PUD	EF	\$15,819.76	\$249,415.05*			
P&R	GF	\$202,810.00	\$322,800.00**			
DREAM	GF	\$10,000.00	\$11,701.00			
Planning	GF, GPMF	\$48,000.00	NA			
Total E	\$860,545.81					

<sup>1</sup>City department acronyms defined as follows: PUD = Public Utilities Department, P&R = Parks and Recreation, DREAM = Department of Real Estate and Airport Management.

<sup>2</sup>Funding acronyms defined as follows: EF = Enterprise Funds, GF = General Fund, GPMF = General Plan Maintenance Fund <sup>3</sup>Additional details pertaining to specific expenditures: asterisk (\*) = Total expenditure, includes costs for SANDER Mitigation Site Management; double asterisk (\*\*) = Total expenditure includes grant funding.

Key to acronyms used: NA = Not Applicable; TBD = To Be Determined

The VPHCP identified funding for the vernal pool complexes known to the City at the time of VPHCP development. During 2022 monitoring, the City identified vernal pool basins and vernal pool complexes not originally covered under the VPHCP. The City anticipates additional funds will be needed to manage and monitor these instances under the VPHCP and will coordinate with the Wildlife Agencies to determine an appropriate timeline to accept and adopt new basins and complexes.

## 4 References

Alden Environmental, Inc (Alden). 2022. Handler Commercial & Otay Mesa Road Vernal Pool Maintenance.

City of San Diego. 1997. Multiple Species Conservation Program Subarea Plan.

City of San Diego. 2003-2004. City of San Diego Vernal Pool Inventory.

- City of San Diego. 2019. Revised Final City of San Diego Vernal Pool Habitat Conservation Plan. October.
- City of San Diego. 2020. Revised Final City of San Diego Vernal Pool Management and Monitoring Plan. February.
- United States Fish and Wildlife Service. 1998. Recovery Plan for Vernal Pools of Southern California. U.S. Department of the Interior, Fish and Wildlife Service, Region One, Portland, Oregon.

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# Appendix A

# City of San Diego VPHCP Vernal Pool Complex Management and Monitoring Levels

Appendix A City of San Diego VPHCP Vernal Pool Complex Management and Monitoring Levels

				Numero	of Concerne		ind by Food (	`maaiaa				VPHCP
Complex		Planning		Number	of Conserved		led by Focal S	pecies		Management	Existing (Baseline) Management & Monitoring	Required Management & Monitoring Level in
Series	Site Name	Unit	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Responsibility	Level	VPMMP
B 5 B 6	Tierra Alta Lopez Ridge (CDFW)	North North	0 0	0	0 0	0 0	0 0	0 0	1 0	Private CDFW	Level 1/SSMP Level 1	Level 1 Level 1
B 7-8	Crescent Heights Lopez Ridge (City)	North North	0	0 10	0	0	0	0	1 2	City City	Level 1/SSMP Level 1	Level 1 Level 1
B 11	Mesa Norte	North	0	12	0	10	0	0	24	Private	Level 1/SSMP	Level 1
C 10-16	Winterwood Winterwood (City)	North North	0 TBD	27 TBD	0 TBD	7 TBD	0 TBD	0 TBD	2 TBD	School District City	SSRP None	N/A None <sub>2</sub>
C 17-18 C 27	Fieldstone Mira Mesa Market Center	North North	0	8	0	0	0	0	0	Private Private	None None	None <sub>2</sub>
D 5-8	Carroll Canyon	North	0	42	1	65	0	0	5	City	Level 1/SSRP <sub>3</sub>	Level 1
	Parkdale Carroll Canyon MCAS Miramar	North North	0 0	0 0	0 0	0	0 0	0 0	0 0	City Federal	Level 1/SSRP <sub>3</sub> N/A	Level 1 N/A
F 16-17	Menio KM Parcel Menio KM Parcel	Central Central	0 0	0 0	0 0	0 0	0 0	0	0 0	Private State	None N/A	Level 3 N/A
H 1-10, 13-	Del Mar Mesa (City) Del Mar Mesa (County)	North North	0 0	3 2	0 0	49 12	0 0	0 0	8 0	City County	Level 1 None	Level 1 N/A
15,18-23,	Del Mar Mesa (Private) Del Mar Mesa (Caltrans)	North North	0	0	0 1	2 2	0 0	0	1 1	Private State	None None	Level 11 N/A
24- 26	Del Mar Mesa (CDFW/USFWS)	North	0	56	0	122	0	0	16	CDFW/USFWS	Level 1	Level 1
H 17	Rhodes Shaw Lorenz	North North	0	7 0	0	6 0	0	0	8	Private Private	SSRP <sub>3</sub> Level 1/SSMP	Level 1 Level 1
H 33	East Ocean Air Drive SDG&E Substation	North North	0	0	0	2 4	0	0	0	Private Federal	None N/A	None <sub>2</sub>
H 38	Carmel Mountain	North	0	0	0	0	0	0	2	City	SSRP	Level 1
H 39	Greystone Torrey Highlands	North	0	5	0	3	0	0	0	City	Level 1/SSMP	Level 1
1   6 B	Arjons Ford Leasing (Bob Baker)	North North	0	22 7	0	15 0	0	0	1	Private Private	None None	None <sub>2</sub>
16 C	Facilities Development (Eastgate Miramar	North	0	11	0	2	0	0	6	Private	None	None <sub>2</sub>
112	Associates) Pueblo Lands (South)	North	0	0	0	0	0	0	2	City	Level 1	Level 1
	Cal Terraces (North), Otay Mesa Road Parcels	South	286	0	79	275	52	93	209	City	Level 1	Level 1*
J 2	Clayton Parcel St. Jerome's	South South	0	0	0	1	0	0	2	City Private	Level 1 None	Level 1 Level 31
J3	J3	South	0	0	0	0	0	0	0	State	None	N/A
J 4-5	California Crossing Robinhood Ridge	South South	0 19	0 0	0 4	0 46	0	0 6	5 41	Private City	None Level 1	N/A Level 1
J 11 E	Slump Block Pools	South	0	0	0	0	0	0	0	Private	None	Level 21
J 11 W J 12	J 11 West J 12	South South	0	0	0	0	0	1	1	Private Private	None None	Level 31 Level 31
J 13 E	South Otay J 13 East	South	0	0	0	1	0	0	0	Private	None	Level 31
J 13 N	South Otay 1 acre (City) Bachman	South South	0	0	1	1	1	0	0	City Private	None None	Level 3 Level 31
J 13 S	South Otay J 13 S Anderprises (Caltrans)	South South	0 1	0 0	0	7 0	0 0	0 3	0 4	Private State	None SSRP	Level 31 N/A
	Anderprises (City) Bachman	South South	0	0	0	0	0	0	0	City Private	Level 1 None	Level 1 Level 31
J 14	Brown Field Basins	South	0	0	0	0	0	0	0	City/Airports	None	None Level 1*
	Cal Terraces (South) Handler	South South	63 0	0	6 0	55 0	0	26 0	32 0	City Private	Level 1/SSMP	Level 31
J 15	Arnie's Point Goat Mesa (City)	South South	15 0	<b>0</b>	<b>10</b> 0	61 4	<b>3</b> 0	30 1	56 0	Federal City	SSMP Level 1	N/A Level 1*
J 16-18	Goat Mesa (Federal) Wruck Canyon	South South	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	Federal City	None Level 1	None Level 1*
J 20-21	La Media ITS	South	0	0	0	0	0	0	6	Private	None	Level 31
J 21 J 27	La Media Swale South Empire Center	South South	0	0	0	0	0	0	0	Private Private	None None	Level 31 None2
J 28 E	La Media Swale North	South	0	0	0	0	0	0	0	Private	None	Level 31
J 29	Lonestar W (Caltrans) Lonestar E (Caltrans)	South South	0 0	0 0	0 0	7	0 0	1 35	4 50	State State	SSMP SSMP	N/A 4 N/A 4
J 30	Lonestar E (Private) Dennery West	South South	1 0	0	0 0	32 0	0	0 10	0 38	Private (County) State	SSMP SSMP	Level 1 N/A
J 31	Hidden Trails	South	0 7	0	0	0	0 0	0 1	1 8	City	Level 1 SSRP	Level 1 N/A
J 32	West Otay A (Caltrans) West Otay A (CDFW)	South South	1	0	0	2	0	0	0	State CDFW	None	Level 11
	West Otay B West Otay C	South South	0	0	0	0	0	0	0	City City	SSRP Level 1	Level 1 Level 1
J 33	Sweetwater High School Bachman	South South	5 0	0 0	<b>3</b> 0	<b>2</b> 0	<b>0</b>	<b>3</b> 0	8	School District Private	SSRP None	N/A Level 31
J 34	Candlelight	South	0	0	0	0	0	1	1	Private	SSRP	Level 1
J 35 J 36	Brown Field Southview	South South	0	0	0	0	0	0	0 8	City Private	None None	Level 1/SSRP Level 31
KK 1	Lake Murray	Central	0	0	0	0	0	0	0	Private	None	None
К 5 КК 2	Otay Lakes Pasatiempo	South South	0	0	2	46 0	0	0	6 0	Cornerstone Lands City	Level 1 Level 1	Level 1 Level 1
MM 1	Marron Valley	South	0	0	0	0	0	0	5	Cornerstone Lands	SSRP	Level 1
N 1-4	Teledyne Ryan Montgomery Field	Central	0	1	0	0	0	0	11	Private	None	Level 21
N 5-6 N 7	Montgomery Field Serra Mesa Library	Central Central	0	129 0	0	0	0	0	24 0	City City	Level 1 Level 1	Level 1/SSRP Level 1
N 8	General Dynamics	Central	0	20	0	2	0	0	6	City	Level 1/SSMP	Level 1
NC	Li Collins Kelton	North South	0	0	0	0	0	0	0	Private City	None None	None None
00	Salk Institute Mission Trails Regional Park	North Central	0	0	0	0	0	0	0 6	Private City	Level 1/SSMP Level 1	Level 1 Level 1
Q2	Mission Trails Regional Park School District	Central	0	0	0	0	0	0	0	School District	None 1	N/A
Q 3	Castlerock	North	0	0	0	0	0	0	0	Private	SSRP	Level 1
QQ R 1	Tecolote Canyon Proctor Valley	Central South	0	0	0	0	0	0	0	City Cornerstone Lands	None Level 1	None Level 1
U 15	SANDER	Central	0	1	0	0	0	0	2	City	Level 1	Level 2 <sub>1</sub>
U 19 X 5	Cubic Nobel Drive	Central	0	1	0	2	0	0	6	Private	None Level 1	Level 11 Level 1
X 5 X 7	Nobel Drive Nobel Research	North North	0	0	0	0	0	0	6	City City	Level 1 Level 1/SSMP	Level 1 Level 1
TBD	NEW: Fairbanks Highlands	North	TBD	TBD	TBD	TBD	TBD	TBD	TBD	City	None	None <sub>2</sub>
TBD TBD	NEW: Dormouse NEW: Stowe	North North	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	City City	None None	None <sub>2</sub> None <sub>2</sub>
TBD	NEW: Calle de Vida	Central	TBD	TBD	TBD	TBD	TBD	TBD	TBD	City	None	None <sub>2</sub>
TBD TBD	NEW: Ocean View Hills Pkwy NEW: Topsail	South South	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	City	None	None <sub>2</sub>
TBD	NEW: Seabird Way	South	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	TBD TBD	City City	None None	None <sub>2</sub>
SSPD- Sito co	ecific restoration plan	CCMD_Cite on	ecific manage	mont plan or	roquiromonto							

1 = These sites may seek development entitlement in the future. During the development entitlement process, the City will ensure the project is consistent with the VPHCP, ESL, Biology Guidelines and required VPMMP Management Level.

2 = As separate funding becomes available (e.g., grant funds) the City may work with the owner to implement additional recommended management as identified on the site specific VPMMP management sheet.

3 = Restoration is currently in progress as part of a separate permit requirement (not required by the VPHCP). Following completion of restoration, the site will be managed at Level 1, consistent with the VPHCP.

4 = If a Caltrans-owned complex is transferred to the City, CDFW, or USFWS, the site would be managed consistent with the VPHCP.

\* = The City and Wildlife Agencies will determine if Stewardship (Level 1), Enhancement (Level 2), or Restoration (Level 3) is necessary to achieve the species-specific conservation objectives based on a project level evaluation of these sites.

City, CDFW or USFWS owned. Subject management under VPHCP.

Yellow
Tan
Orange
Purple
Green
Blue
Gray
Pink

City owned, newly discovered Vernal Pool complex and/or vernal pools within existing complex, and not currently subject to management under VPHCP.

Privately owned and managed under VPHCP, City responsible for enforcing management.

Private-owned. Management required with development under VPHCP except for lands mitigated under County of San Diego (J 30 Lonestar [Private]).

Private, conserved pre-MSCP, so no management required.

Public and conserved. No management required and none recommended; not included on management sheet in VPMMP.

Private and conserved. No management required and none recommended; not included on management sheet in VPMMP.

Not under City, CDFW or USFWS jurisdiction; not managed under the VPHCP. If a Caltrans-owned complex is transferred to the City, CDFW or USFWS, the site would be managed consistent with the VPHCP.

# Appendix B-1

# 2022 Vernal Pool Qualitative Monitoring and Management Datasheets

Fiscal Year: 2022	
Complex Name: Anderprises (J14)	
Planning Unit: South City or Other	? City Managing Department: Parks & Recreation
VPHCP Required Management and Monitorin	ig Level: Level 1
Qualitative Monitoring Data	
Visit Date: 4/6/2022         Start Time: 12	08 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no D	ays Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Vis	<u>sit:</u>
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatch Grading/Recontouring, Regular patrols recom	ing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, mended
Other Management Needs:	
Additional Management Actions Recommend	ded:
Notes: Annual weeds around road pools. Poo	ls difficult to define. Old trash and dumps. Site difficult to access.
Management Actions Compeleted	
Visit Date: 4/6/2022         Start Time: 12	:03 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed control, dethatch	ning

**Notes:** City staff performed weed control and dethatching.

Fiscal Year: 2022					
Complex Name: Brown Field (J35)					
Planning Unit: South City or Other? City	Managing Department: Airports				
VPHCP Required Management and Monitoring Level: Level 3					
Qualitative Monitoring Data Visit Date: 3/1/2022 Start Time: 9:00 AM					
Surveyors: Jade Woll					
Site Conditions:	- Lost Deire C. 45				
Ponded Water: yes     Days Since Last Rain: 6-15     Fairy Shrimp Visible: present					
Listed Plants Visible? absent					
New and Ongoing Issues Observed During Visit:	Tracenace/Unauthorized User				
Trash: ongoing	Tresspass/Unauthorized Use:				
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:				
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	Damage from Edge Effects: Hydrological Impacts:				
Other issues observed:	nyurological impacts.				
Are other issues new or ongoing?					
Management Needs: Weed control trash pickup					
Notes: Management needs for the site include: Weed Visit Date: 4/13/2022 Start Time: 8:45 AM	ៅ control Trash pickup				
Surveyors: Jade Woll					
Site Conditions:					
Ponded Water: no Days Since	e Last Rain: 6-15 Fairy Shrimp Visible:				
Listed Plants Visible? absent					
New and Ongoing Issues Observed During Visit:					
Trash: ongoing	Tresspass/Unauthorized Use:				
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:				
Invasive Species in Pool: ongoing	Damage from Edge Effects:				
Invasive Species in Buffer: ongoing Other issues observed:	Hydrological Impacts:				
Are other issues new or ongoing? Management Needs: Weed control trash pickup					
Other Management Needs:					
Additional Management Actions Recommended:					
Notes: 0					

Fiscal Year: 2022

Complex Name: Brown Field (J35)

Visit Date: 6/30/2022 Start 1	ime: 9:45 AM				
Surveyors: Jade Woll, Chelsea Polevy					
Site Conditions:					
Ponded Water: no	Days Since Last Rain: >16	Fairy Shrimp Visible:			
Listed Plants Visible? absent					
New and Ongoing Issues Observed D	uring Visit:				
Trash: ongoing	Tresspass/Un	nauthorized Use:			
Damage to Fences and/or Sig	ns: Fire or Dama	ge from Fire Supression:			
Invasive Species in Pool: ong	oing Damage from	n Edge Effects:			
Invasive Species in Buffer: or	ngoing Hydrological	Impacts:			
Other issues observed:					
Are other issues new or ong	bing?				
Management Needs: Weed control to	Management Needs: Weed control trash pickup				
Other Management Needs:					
Additional Management Actions Recommended: Needs weeding and trash removal.					
Notes: 0					

Fiscal Year: 2022	
Complex Name: Calle de Vida	
Planning Unit: Central City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level	I: None
Qualitative Monitoring Data	
Visit Date: 7/8/2021 Start Time: 11:48 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	ce Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use: New
Damage to Fences and/or Signs: New	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
-	egetation, Fence repair, Sign install, Trash pickup, Regular patrols
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended:	
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions:	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions:	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present	e compromised.
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit:	e compromised. ce Last Rain: >16 Fairy Shrimp Visible:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs:	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Rev	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
recommended, Grading/Recontouring Other Management Needs: Additional Management Actions Recommended: Notes: Stinkwort present. Some new trash and fence Visit Date: 1/27/2022 Start Time: 12:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e compromised. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

 Fiscal Year: 2022

 Complex Name: Calle de Vida

 Visit Date: 3/2/2022
 Start Time: 2:38 PM

Visit Date: 3/2/2022         Start Time: 2:38 PM						
Surveyors: Jason Allen						
Site Conditions:						
Ponded Water: no Days Since Last	Rain: 6-15 Fairy Shrimp Visible:					
Listed Plants Visible? present						
New and Ongoing Issues Observed During Visit:						
Trash: new	Tresspass/Unauthorized Use: ongoing					
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:					
Invasive Species in Pool: ongoing	Damage from Edge Effects:					
Invasive Species in Buffer: ongoing	Hydrological Impacts:					
Other issues observed:						
Are other issues new or ongoing?						
Management Needs: trash pickup, Weed control, Restorati Grading/Recontouring	on/Revegetation, sign install, Regular patrols recommended,					
Other Management Needs:						
Additional Management Actions Recommended:						
Notes: Annual weeds throughout. Button celery doing grea	t in large pool. Random trash throughout.					
Visit Date:         5/12/2022         Start Time:         5:07 PM						
Surveyors: Jason Allen						
Site Conditions:						
Ponded Water: no Days Since Last	Rain: 6-15 Fairy Shrimp Visible:					
Listed Plants Visible? present						
New and Ongoing Issues Observed During Visit:						
Trash: ongoing	Tresspass/Unauthorized Use:					
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:					
Invasive Species in Pool: ongoing	Damage from Edge Effects:					
Invasive Species in Buffer: ongoing Hydrological Impacts:						
Other issues observed:						
Are other issues new or ongoing?						
Management Needs: Weed control, dethatching, Restoration	on/Revegetation, Regular patrols recommended, sign install					
Other Management Needs:						
Additional Management Actions Recommended:						
Notes: Annual grasses and weeds present. Button celery loo	oking good in large pool.					

Fiscal Year: 2022

Complex Name: Calle de Vida

Management Actions Compeleted			
Visit Date: 8/23/2021	Start Time: 2:05 PM		
Surveyors: Jason Allen			
Action(s) Completed: Wee	ed control, Fence repair, Sign install, Trash pickup		
	by City staff. Trash picked up by City staff. Sign installed by City staff. Fence repaired by City staff. spot. Human waste found in a pool.		
Visit Date: 12/2/2021	Start Time: 1:11 PM		
Surveyors: Jason Allen			
Action(s) Completed: Wee	ed control, Trash pickup		
Notes: City staff pulled we	eds and picked up trash.		
Visit Date: 3/2/2022	Start Time: 3:03 PM		
Surveyors: Jason Allen			
Action(s) Completed: trasl	n pickup		
Notes: City staff performed	d trash pickup.		

<b>`</b>				
Fiscal Year: 2022				
Complex Name: Cal Terraces (North), Otay Mesa Road	Parcels (J2)			
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation			
VPHCP Required Management and Monitoring Level:	Level 1			
Qualitative Monitoring Data				
Visit Date: 7/28/2021 Start Time: 3:05 PM				
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: no Days Since	Last Rain: 1-5 Fairy Shrimp Visible:			
Listed Plants Visible? Present				
New and Ongoing Issues Observed During Visit:				
Trash: New	Tresspass/Unauthorized Use:			
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:			
Invasive Species in Pool: Ongoing	Damage from Edge Effects:			
Invasive Species in Buffer: Ongoing	Hydrological Impacts:			
Other issues observed:				
Are other issues new or ongoing?				
Management Needs: Trash pickup, Regular patrols reco	ommended, Weed control			
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Small amount of stinkwort and russian thistle pr	resent Small amount of trach			
Visit Date: 8/11/2021         Start Time: 11:08 AM				
Surveyors: Jason Allen, Sara Allen, Mark Berninger				
Site Conditions:				
Ponded Water: no Days Since	Last Rain: >15 Fairy Shrimp Visible:			
Listed Plants Visible? Present				
New and Ongoing Issues Observed During Visit:				
Trash: New	Tresspass/Unauthorized Use:			
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:			
Invasive Species in Pool: Ongoing	Damage from Edge Effects:			
Invasive Species in Buffer: Ongoing	Hydrological Impacts:			
Other issues observed:				
Are other issues new or ongoing?				
Management Needs: Weed control, Trash pickup, Regular patrols recommended				
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Small amount of stinkwort and trash.				

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Surveyors: Jason Allen          Site Conditions:       Ponded Water: yees       Days Since Last Rain: >16       Fairy Shrimp Visible: absent         Listed Plants Visible? present       Tresspass/Unauthorized Use:       Environment Veed Use:         Trash: new       Tresspass/Unauthorized Use:       Environment Veed Use:         Damage to Fences and/or Signs:       Fire or Damage from Edge Effects:       Environment Veed Use:         Invasive Species in Pool: ongoing       Damage from Edge Effects:       Environment Veed Use:         Are other issues new or ongoing?       Hydrological Impacts:       Other Management Needs:         Additional Management Actions Recommended:       Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.         Visit Date: 2/18/2022       Start Time: 3:01 PM       Surveyors: Jason Allen         Site Conditions:       Site Ontitions:       Fire or Damage from Eire Supression:         Manage to Fences and/or Signs:       Fire or Damage from Fire Supression:       Envisive Species in Pool: ongoing         Manage to Specied During Visit:       Trash:       Trash:       Fire or Damage from Eire Supression:         Invasive Species in Buffer: ongoing       Damage from Eire Supression:       Eire or Damage from Eire Supression:         Invasive Species in Buffer: ongoing       Damage from Eire Supression:       Eire or Damage from Eire Supression: <t< th=""><th></th><th>:00 PM</th></t<>		:00 PM						
Ponded Water: yes:       Days Since Last Rain: >16       Fairy Shrimp Visible: absent         Listed Plants Visible? present       Tresspass/Unauthorized Use:         New and Ongoing Issues Observed During Visit:       Tresspass/Unauthorized Use:         Trash: new       Tresspass/Unauthorized Use:         Damage to Fences and/or Signs:       Fire or Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Maragement Needs:         Are other issues new or ongoing?       Management Needs:         Additional Management Actions Recommended:       Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.         Visit Date: 2/18/2022       Start Time: 3:01 PM         Surveyors: Jason Allen       Site Conditions:         Ponded Water: no       Days Since Last Rain: 1-5       Fairy Shrimp Visible:         Iste Plants Visible? present       Istee Plants Visible? present         New and Ongoing Issues Observed:       Tresspass/Unauthorized Use:       Invasive Species in Buffer: ongoing         Damage to Fences and/or Signs:       Fire or Damage from Edge Effects:       Invasive Species in Buffer: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Damage from Edge Effects:       Invasive Species in Buffer: ongoing       H	Surveyors: Jason Allen							
Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new Trash: nem Trash: new Trash: new Trash: new Trash: new	Site Conditions:							
New and Ongoing Issues Observed During Visit:   Trash: new   Damage to Fences and/or Signs:   Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Hydrological Impacts:   Other issues observed:   Are other issues new or ongoing?   Management Needs:   Additional Management Needs:   Additional Management Actions Recommended:   Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.    Visit Date: 2/18/2022   Start Time: 3:01 PM   Surveyors: Jason Allen   Site Conditions:   Ponded Water: no   Days Since Last Rain: 1.5   Fairy Shrimp Visible?   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Pool: ongoing   Days Since Last Rain: 1.5   Fairy Shrimp Visible?   Trash:   Damage from Edge Effects:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing	Ponded Water: yes	Days Since Last Rain: >16 Fairy Shrimp Visible: absent						
Trash: new Tresspass/Unauthorized Use:   Damage to Fences and/or Signs: Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing Damage from Edge Effects:   Invasive Species in Buffer: ongoing? Hydrological Impacts:   Other issues observed:	Listed Plants Visible? present							
Damage to Fences and/or Signs: Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing Damage from Edge Effects:   Invasive Species in Buffer: ongoing Hydrological Impacts:   Other issues observed: Are other issues new or ongoing?   Management Needs: Weed control, trash pickup, Regular patrols recommended   Other Management Needs: Are other orgoning up all over the place. Some wind blown trash. Annual weeds popping up everywhere.   Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.   Visit Date: 2/18/2022 Start Time: 3:01 PM   Surveyors: Jason Allen Stree Conditions:   Ponded Water: no Days Since Last Rain: 1-5   Faire or Damage from Edge Effects:   Invasive Species in Pool: ongoing   Damage to Fences and/or Signs:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Damage from Edge Effects:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Damage from Edge Effects:   Invasive species in Buffer: ongoing   Hydrological Impacts:   Other issues observed:   Are other issues new or ongoing?   Management Needs: Weed control	New and Ongoing Issues Observed During V	/isit:						
Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Additional Management Needs: Additional Management Actions Recommended: Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Pool: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	Trash: new	Tresspass/Unauthorized Use:						
Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Additional Management Actions Recommended: Other Management Actions Recommended: Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Buffer: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:						
Other issues observed:       Are other issues new or ongoing?         Management Needs: Weed control, trash pickup, Regular patrols recommended         Other Management Needs:         Additional Management Actions Recommended:         Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.         Visit Date: 2/18/2022       Start Time: 3:01 PM         Surveyors: Jason Allen         Stee Conditions:         Ponded Water: no       Days Since Last Rain: 1-5         Fairy Shrimp Visible? present         New and Ongoing Issues Observed During Visit:         Trash:       Tresspass/Unauthorized Use:         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?         Management Needs: Weed control       Uter Management Needs:	Invasive Species in Pool: ongoing	Damage from Edge Effects:						
Are other issues new or ongoing?   Management Needs: Weed control, trash pickup, Regular patrols recommended   Other Management Needs:   Additional Management Actions Recommended:   Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.   Visit Date: 2/18/2022   Start Time: 3:01 PM   Surveyors: Jason Allen   Site Conditions:   Ponded Water: no   Days Since Last Rain: 1-5   Fairy Shrimp Visible?   Listed Plants Visible? present   New and Ongoing Issues Observed During Visit:   Trash:   Trash:   Trash:   Trash:   Damage to Fences and/or Signs:   Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing   Damage from Edge Effects:   Invasive Species in Buffer: ongoing   Hydrological Impacts:   Other issues observed:   Are other issues new or ongoing?   Wanagement Needs: Weed control	Invasive Species in Buffer: ongoing	Hydrological Impacts:						
Management Needs: Weed control, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Other issues observed:	Other issues observed:						
Other Management Needs:         Additional Management Actions Recommended:         Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere.         Visit Date: 2/18/2022       Start Time: 3:01 PM         Surveyors: Jason Allen         Site Conditions:         Ponded Water: no       Days Since Last Rain: 1-5         Forded Water: no       Days Since Last Rain: 1-5         Listed Plants Visible? present         New and Ongoing Issues Observed During Visit:         Trash:       Tresspass/Unauthorized Use:         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?         Management Needs: Weed control       Other Management Needs:	Are other issues new or ongoing?							
Additional Management Actions Recommended: Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	Management Needs: Weed control, trash pi	ickup, Regular patrols recommended						
Additional Management Actions Recommended: Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	Other Management Needer							
Notes: Button celery coming up all over the place. Some wind blown trash. Annual weeds popping up everywhere. Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control								
Visit Date: 2/18/2022 Start Time: 3:01 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Additional Management Actions Recommer	nded:						
Ponded Water: no Days Since Last Rin: 1-5 Fairy Shrimp Visible:   Listed Plants Visible? present Listed Plants Visible? present   New and Ongoing Issues Observed During Visit: Tresspass/Unautorized Use:   Trash: Tresspass/Unautorized Use:   Damage to Fences and/or Signs: Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing Damage from Edge Effects:   Invasive Species in Buffer: ongoing Hydrological Impacts:   Other issues observed:	Surveyors: Jason Allen							
Listed Plants Visible? present          New and Ongoing Issues Observed During Visit:         Trash:       Tresspass/Unauthorized Use:         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?         Management Needs:       Weed control		Dave Since Last Pain: 1-5 Eairy Shrimp Visible:						
New and Ongoing Issues Observed During Visit:       Trash:       Tresspass/Unauthorized Use:         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: ongoing       Damage from Edge Effects:         Invasive Species in Buffer: ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?         Management Needs: Weed control       Other Needs:								
Trash: Tresspass/Unauthorized Use:   Damage to Fences and/or Signs: Fire or Damage from Fire Supression:   Invasive Species in Pool: ongoing Damage from Edge Effects:   Invasive Species in Buffer: ongoing Hydrological Impacts:   Other issues observed: Are other issues new or ongoing?   Management Needs: Weed control	Listed Flants Visible: present	/icit·						
Damage to Fences and/or Signs:Fire or Damage from Fire Supression:Invasive Species in Pool: ongoingDamage from Edge Effects:Invasive Species in Buffer: ongoingHydrological Impacts:Other issues observed:Are other issues new or ongoing?Management Needs: Weed controlOther Management Needs:	New and Ongoing Issues Observed During V							
Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:		I resspass/Unauthorized Use:						
Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Trash:	-						
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Trash: Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:						
Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Fire or Damage from Fire Supression: Damage from Edge Effects:						
Management Needs: Weed control Other Management Needs:	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	Fire or Damage from Fire Supression: Damage from Edge Effects:						
-	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	Fire or Damage from Fire Supression: Damage from Edge Effects:						
-	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	Fire or Damage from Fire Supression: Damage from Edge Effects:						
	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	Fire or Damage from Fire Supression: Damage from Edge Effects:						
	Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:						

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

<b>Visit Date:</b> 4/6/2022 <b>Start Time:</b> 3:32 PM							
Surveyors: Jason Allen							
Site Conditions: Ponded Water: no Days Since	Last Paine 6 15	Fairy Shrimp Vicible					
	e Last Rain: 6-15	Fairy Shrimp Visible:					
Listed Plants Visible? present New and Ongoing Issues Observed During Visit:							
Trash:	Trocopace/Lip	authorized Use:					
	•						
Damage to Fences and/or Signs:	-	Fire or Damage from Fire Supression:					
Invasive Species in Pool: ongoing	_	Damage from Edge Effects: Hydrological Impacts:					
Invasive Species in Buffer: ongoing	nyurological i	inpacts.					
	Other issues observed:						
Are other issues new or ongoing? Management Needs: Weed control, dethatching, Reg	ular patrols recommen	adad					
wanagement Needs. weed control, definationing, keg	ular patrois recommen	laeu					
Other Management Needs:							
Additional Management Actions Recommended:							
Visit Date: 4/27/2022Start Time: 12:36 PMSurveyors: Jason Allen							
Site Conditions:							
Ponded Water: no Days Since	e Last Rain: 1-5	Fairy Shrimp Visible:					
Listed Plants Visible? present							
New and Ongoing Issues Observed During Visit:							
Trash:	Tresspass/Una	authorized Use:					
Damage to Fences and/or Signs:	Fire or Damag	e from Fire Supression:					
Invasive Species in Pool: ongoing	Damage from	Edge Effects:					
Invasive Species in Buffer: ongoing	Hydrological I	Hydrological Impacts:					
Other issues observed:							
Are other issues new or ongoing?							
Management Needs: Weed control, dethatching, Reg	ular patrols recommer	nded					
Other Management Needs:							
Additional Management Actions Recommended:							
Notes: Pools look great overall. Many focal species pre	esent. Annual weeds a	nd grasses present.					

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Management Actions Compel	leted
Visit Date: 8/11/2021	Start Time: 11:34 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, Trash pickup
Notes: Stinkwort pulled and t	rash picked up.
Visit Date: 11/30/2021	Start Time: 12:42 PM
Surveyors: Jason Allen	
Action(s) Completed: Trash p	ickup
Notes: Contracted crew picke	d up trash along roadside edge of preserve.
Visit Date: 1/7/2022	Start Time: 10:50 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol
Notes: City staff performed w	eed control.
Visit Date: 2/16/2022	Start Time: 7:08 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control.
Visit Date: 2/18/2022	Start Time: 2:55 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol
Notes: Contracted crew perfo	rmed weed control.
Visit Date: 3/2/2022	Start Time: 7:19 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol
Notes: Contracted crew perfo	rmed weed control.
Visit Date: 3/9/2022	Start Time: 10:26 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control and dethatch.
Visit Date: 3/14/2022	Start Time: 8:00 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, dethatching
Notes: Contracted crew perfo	rming weed control and dethatching.
Visit Date: 3/15/2022	Start Time: 11:32 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol
Notes: Contracted crew perfo	rmed weed control.

Fiscal Year: 2022	
Complex Name: Cal Terraces (	(North), Otay Mesa Road Parcels (J2)
Visit Date: 4/14/2022	Start Time: 2:07 PM
Surveyors: Jason Allen	
Action(s) Completed: Fence re	epair
Notes: City staff performed ga	
Visit Date: 4/14/2022	Start Time: 11:38 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed co	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control and dethatching.
Visit Date: 5/2/2022	Start Time: 10:17 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed co	ontrol, trash pickup
Notes: City staff performed we	eed control and trash pickup.
Visit Date: 5/4/2022	Start Time: 11:54 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed co	ontrol, dethatching
Notes: Contracted crew performed	rmed weed control and dethatching.
Visit Date: 5/5/2022	Start Time: 8:41 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed co	ontrol, dethatching
Notes: Contracted crew performed	rmed weed control and dethatching.
Visit Date: 5/6/2022	Start Time: 7:39 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed co	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control.
Visit Date: 5/23/2022	Start Time: 2:27 PM
Surveyors: Jason Allen	
Action(s) Completed: Fence re	epair
Notes: City staff performed fe	
Visit Date: 5/27/2022	Start Time: 12:52 PM
Surveyors: Jason Allen	
Action(s) Completed: trash pie	ckup, Fence repair, gaterepair
	rmed fence installation and trash pickup.
Visit Date: 6/1/2022	Start Time: 10:22 AM
Surveyors: Jason Allen	
Action(s) Completed: fence in	
Notes: Contracted crew perfo	rmed fence installation and trash pickup.

Fiscal Year: 2022	
Complex Name: Cal Terraces	s (North), Otay Mesa Road Parcels (J2)
Visit Date: 6/3/2022	Start Time: 12:54 PM
Surveyors: Jason Allen	
Action(s) Completed: fence i	install
Notes: Contracted crew perf	ormed fence installation.
Visit Date: 6/6/2022	Start Time: 1:24 PM
Surveyors: Jason Allen	
Action(s) Completed: fence i	install
Notes: Contracted crew perf	ormed fence installation.

Fiscal Year: 2022		
Complex Name: Cal Terraces (South) (J14)		
	Managina Davanta anti Davia ( Davanti a	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level:	Level 1	
Qualitative Monitoring Data		
Visit Date:         7/28/2021         Start Time:         1:57 PM		
Surveyors: Jason Allen		
Site Conditions:		
	Last Rain:1-5Fairy Shrimp Visible:	
Listed Plants Visible? Present		
New and Ongoing Issues Observed During Visit:		
Trash: New	Tresspass/Unauthorized Use: New	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Dump cleanup, Tr	ash pickup, Regular patrois recommended	
Additional Management Actions Recommended: Notes: Stinkwort present. Illegal dump over side fence	e and at entrance. Trash blows in from the street.	
-	e and at entrance. Trash blows in from the street.	
Notes: Stinkwort present. Illegal dump over side fence	e and at entrance. Trash blows in from the street.	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen	e and at entrance. Trash blows in from the street.	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen <u>Site Conditions:</u>		
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen <u>Site Conditions:</u>	e and at entrance. Trash blows in from the street.	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? Present		
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? Present		
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit:	e Last Rain: 0 Fairy Shrimp Visible:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs:	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing?	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash pickup, Regr	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash pickup, Reg	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Stinkwort present. Illegal dump over side fence Visit Date: 10/5/2021 Start Time: 3:18 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash pickup, Regr	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Fiscal Year: 2022 Complex Name: Cal Terraces (South) (J14)	
Visit Date: 11/16/2021 Start Time: 2:03 PM	
Surveyors: Jason Allen	
Site Conditions:	
	nce Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool:	Damage from Edge Effects:
Invasive Species in Buffer:	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Trash pickup	
Notes: Trash either blows or is dumped at entranceVisit Date: 1/12/2022Start Time: 9:34 AMSurveyors: Jason Allen	
Site Conditions:	
	nce Last Rain: 6-15 Fairy Shrimp Visible: Present
Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Trash pickup, R	Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: 2035, 2040, 2188 have SD FS Button celery s	tarting to sprout. Some trash.

Fiscal Year: 2022 Complex Name: Cal Terraces (South) (J14) Visit Date: 1/20/2022 Start Time: 11:22 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: present Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Some pools filled with water. Weeds growing. Trash flowed or blowed in from street. Visit Date: 3/10/2022 Start Time: 7:56 AM Surveyors: Sara Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: present Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: ongoing Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, trash pickup **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Edge effects include invasive weeds coming in from adjacent property.

Fiscal Year: 2022 Complex Name: Cal Terraces (South) (J14) Start Time: 10:33 AM Visit Date: 4/6/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, trash pickup, dump cleanup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Trash at entrance. Broken down cars parked on street. Otay Mesa mint blooming in some pools. Button celery looks good. Visit Date: 4/28/2022 Start Time: 10:26 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, gaterepair, trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended:

**Notes:** Pools look great. Focal plant species are abundant. Some trash present. Back gate needs repair. Annual weeds and grasses present.

Fiscal Year: 2022 Complex Name: Cal Terraces (South) (J14) Visit Date: 5/6/2022 Start Time: 9:14 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching **Other Management Needs:** Additional Management Actions Recommended: Notes: A few pools still holding water. Riverside fairy shrimp present. Weeds dying from the recent weed control visit. Visit Date: 5/9/2022 Start Time: 9:15 AM Surveyors: Jason Allen Site Conditions:

Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended, dethatching **Other Management Needs:** Additional Management Actions Recommended:

**Notes:** Riverside fairy shrimp present in the last pool that is still holding water.

Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

Visit Date: 5/13/2022 Start Time:	: 4:00 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During	o Visit.
Trash: new	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoin	ng Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, trash	pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recomm	nended:
<b>Notes:</b> Peformed vernal pool monitoring. abundant. Some trash blown in from the s	Annual weeds and grasses in and around pools. Mesa mint and button celery are street.

Fiscal Year: 2022	
Complex Name: Cal Terrace	s (South) (J14)
Management Actions Comp	eleted
Visit Date: 7/29/2021	Start Time: 11:15 AM
Surveyors: Jason Allen	
Action(s) Completed: Trash	pickup, Dump cleanup
Notes: Picked up truck load	of trash from outside and inside fence.
Visit Date: 7/30/2021	Start Time: 4:05 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: Stinkwort sprayed by	y City staff.
Visit Date: 11/30/2021	Start Time: 12:34 PM
Surveyors: Jason Allen	
Action(s) Completed: Trash	pickup
Notes: Contracted crew picl	ked up trash at entrance gate.
Visit Date: 1/8/2022	Start Time: 7:40 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 1/20/2022	Start Time: 11:02 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, trash pickup
Notes: City staff performed	weed control and trash pickup.
Visit Date: 3/10/2022	Start Time: 7:59 AM
Surveyors: Sara Allen	
Action(s) Completed: Weed	control
Notes: 0	
Visit Date: 3/24/2022	Start Time: 10:33 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew per	formed weed control and dethatching.
Visit Date: 3/25/2022	Start Time: 8:36 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew per	formed weed control and dethatching.
Visit Date: 4/25/2022	Start Time: 11:58 AM
Surveyors: Jason Allen	
Action(s) Completed: dump	cleanup, trash pickup
Notes: Contracted crew per	formed dump cleanup.
L	

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

Visit Date: 5/2/2022 Start Time: 7:55 AM

Surveyors: Jason Allen

Action(s) Completed: Weed control, dethatching

Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022	
Complex Name: Carmel Mountain (H38)	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: Le	
Qualitative Monitoring Data	
Visit Date: 2/4/2022 Start Time: 1:30 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ast Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, trash p	pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses popping up. Some sma	all trash items. No focal species encountered at this time.
Visit Date: 5/5/2022 Start Time: 2:32 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ast Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash: new	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	nyurologicu mipucis.
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, trash	nickup Regular natrols recommended
	South Stephini Parlois recommended
Other Management Needs:	
Additional Management Actions Recommended:	
<b>Notes:</b> Some trash near pools. Annual grasses and weed dethatch areas.	s around some pools. Tarweed abundant. Return after tarweed seeds to

Fiscal Year: 2022

Complex Name: Carmel Mountain (H38)

Visit Date: 5/24/2022 Start Time: 1	1:32 AM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no I	Days Since Last Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During V	'isit:
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: fence install, Weed con	ntrol, dethatching, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommendation	nded:
	round some pools. Pools mainly weed free. Some Button celery and SD Mesa mint in a present. Small pool along trail could use some fence installed around it.

Fiscal Year: 2022

Complex Name: Carmel Mountain (H38)

complex nume: carmer mot	
Management Actions Compe	eleted
Visit Date: 8/23/2021	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: Weed	control
Notes: Hand pulled stinkwor	t.
Visit Date: 9/25/2021	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: patrol	
Notes: Ranger patrolled from	n Ocean Air through to Carmel Creek.
Visit Date: 11/20/2021	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: patrol	
Notes: Ranger patrolled nort	hwest social trails to mesa top around single track trails to eastern overlook and back.
Visit Date: 12/3/2021	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: patrol,	Fence repair
Notes: Ranger patrolled Cant closure and Canter Heights. F	ter Heights to 10N, Fish Head to Knetchell Grave, to NW corner mesa back single track to dudleya Repaired 16ft of fence.
Visit Date: 12/30/2021	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: patrol	
	er patrolled by foot from Ocean Air Rec to Dogleg trail and around loop back through mesic meadow
Visit Date: 2/3/2022	Start Time:
Surveyors: Melanie Fontana,	Gina Washington
Action(s) Completed: Fence	repair, patrol
	ng vernal pools. Needs extra shoring up (screws/wedges) but it's up and intact.
Visit Date: 2/19/2022	Start Time:
Surveyors: Melanie Fontana,	, Gina Washington
Action(s) Completed: patrol	
Notes: Ranger patrolled 10N	to CMP and back.
Visit Date: 5/5/2022	Start Time: 2:36 PM
Surveyors: Jason Allen	
Action(s) Completed: trash p	pickup
Notes: City staff performed t	rash pickup.
Visit Date: 6/25/2022	Start Time:
Surveyors: Melanie Fontana	
Action(s) Completed: Weed	control
Notes: Hand pulled, collected	d as many loose seed heads as possible. Needs revisit next year.

Fiscal Year: 2022

Complex Name: Carmel Mountain (H38)

Visit Date: 6/26/2022 Start Time:

Surveyors: Melanie Fontana

Action(s) Completed: sign install

**Notes:** Disguised new entrance to unauthorized trail. Replaced signage.

Fiscal Year: 2022	
Complex Name: Carroll Canyon/Parkdale Carroll Cany	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level	: Level 1
Qualitative Monitoring Data	
Visit Date: 2/25/2022 Start Time: 12:00 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	ce Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
	gular patrols recommended, Grading/Recontouring
Other Management Needs: Weed control, dethatching, key Other Management Needs: Additional Management Actions Recommended:	gular patrols recommended, Grading/Recontouring
Other Management Needs: Additional Management Actions Recommended:	gular patrols recommended, Grading/Recontouring weeds mainly on developed edge of preserve. Some trash present.
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual	
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM	
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual	
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen <u>Site Conditions:</u>	
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions:	weeds mainly on developed edge of preserve. Some trash present.
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present	weeds mainly on developed edge of preserve. Some trash present.
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present	weeds mainly on developed edge of preserve. Some trash present.
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit:	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash:	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs:	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sinc Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Button celery and mesa mint present. Annual Visit Date: 3/17/2022 Start Time: 7:50 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control	weeds mainly on developed edge of preserve. Some trash present. ce Last Rain: >16 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2022

Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)

Visit Date: 6/21/2022 Star	<b>t Time:</b> 1:43 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water:	Days Since Last Rain: >16	Fairy Shrimp Visible:	
Listed Plants Visible? prese	ent		
New and Ongoing Issues Observed	During Visit:		
Trash: new	Tresspass/	/Unauthorized Use:	
Damage to Fences and/or	Signs: Fire or Dar	mage from Fire Supression:	
Invasive Species in Pool: o	ngoing Damage fr	om Edge Effects:	
Invasive Species in Buffer:	ongoing Hydrologic	cal Impacts:	
Other issues observed:			
Are other issues new or or	ngoing?		
	l, dethatching, trash pickup, Regular p	patrols recommended	
		patrols recommended	
Management Needs: Weed contro	l, dethatching, trash pickup, Regular p	patrols recommended	
Management Needs: Weed contro Other Management Needs:	l, dethatching, trash pickup, Regular p	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R	I, dethatching, trash pickup, Regular p ecommended: n present. Lots of tarweed.	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted	I, dethatching, trash pickup, Regular p ecommended: n present. Lots of tarweed.	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted	l, dethatching, trash pickup, Regular p ecommended: n present. Lots of tarweed.	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted Visit Date: 3/17/2022 Star	dethatching, trash pickup, Regular p ecommended: h present. Lots of tarweed.	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted Visit Date: 3/17/2022 Star Surveyors: Sara Allen	ecommended: n present. Lots of tarweed. t Time: 7:53 AM	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted Visit Date: 3/17/2022 Star Surveyors: Sara Allen Action(s) Completed: Weed contro Notes: Contracted crew performed	ecommended: n present. Lots of tarweed. t Time: 7:53 AM	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted Visit Date: 3/17/2022 Star Surveyors: Sara Allen Action(s) Completed: Weed contro Notes: Contracted crew performed	ecommended: n present. Lots of tarweed. <b>t Time:</b> 7:53 AM	patrols recommended	
Management Needs: Weed contro Other Management Needs: Additional Management Actions R Notes: Some dead weeds and trash Management Actions Compeleted Visit Date: 3/17/2022 Star Surveyors: Sara Allen Action(s) Completed: Weed contro Notes: Contracted crew performed Visit Date: 6/21/2022 Star	ecommended: n present. Lots of tarweed. <b>t Time:</b> 7:53 AM	patrols recommended	

Fiscal Year: 2022 Complex Name: Clayton Parcel (J2)	
	Menering Departments, Darks & Descention
Planning Unit: South City or Other? City VPHCP Required Management and Monitoring Level	
Qualitative Monitoring Data	
Visit Date: 7/29/2021Start Time: 7:34 AMSurveyors: Jason Allen	
Site Conditions:	
	ce Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	Treasures (Une with a vise of Une .
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	Fire or Damage from Fire Supression: Damage from Edge Effects:
Invasive Species in Buffer: Ongoing Other issues observed:	Hydrological Impacts:
Are other issues new or ongoing?	
Notes: Trash present.       Stinkwort and Russian thistle p         Visit Date:       10/5/2021       Start Time:       2:00 PM	present.
	present.
Visit Date: 10/5/2021Start Time: 2:00 PMSurveyors: Jason Allen	present.
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since	ce Last Rain: 0 Fairy Shrimp Visible:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sinc Listed Plants Visible? Present	
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sinc Listed Plants Visible? Present New and Ongoing Issues Observed During Visit:	ce Last Rain: 0 Fairy Shrimp Visible:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sinc Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs:	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Res Grading/Recontouring, Regular patrols recommended	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: storation/Revegetation, Fence install, Sign install, Trash pickup, Dump cleanu
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Res Grading/Recontouring, Regular patrols recommended Other Management Needs:	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: storation/Revegetation, Fence install, Sign install, Trash pickup, Dump cleanu
Visit Date: 10/5/2021 Start Time: 2:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sind Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Res Grading/Recontouring, Regular patrols recommended	ce Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: storation/Revegetation, Fence install, Sign install, Trash pickup, Dump cleanu

Fiscal Year: 2022 Complex Name: Clayton Parcel (J2) Start Time: 10:50 AM Visit Date: 12/7/2021 Surveyors: Jason Allen, Sara Allen Site Conditions: Ponded Water: no Days Since Last Rain: 0 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Restoration/Revegetation, Fence install, Sign install, Trash pickup, Dump cleanup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Checked site with non-profit. Restored site looks good. Still trash to be picked up throughout. Start Time: 3:47 PM Visit Date: 1/20/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: present Listed Plants Visible? wrong time New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, fence install, sign install, trash pickup, dump cleanup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Weeds popping up. Some trash still in unrestored areas. Recent illegal offroad activity.

Fiscal Year: 2022

Complex Name: Clayton Parcel (J2) Start Time: 1:26 PM Visit Date: 2/2/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 **Fairy Shrimp Visible:** Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, trash pickup, Regular patrols recommended, dump cleanup **Other Management Needs:** Additional Management Actions Recommended: Notes: Checking on previous weed control visit. Weeds starting to yellow and wilt. More weed control needed. Visit Date: 2/18/2022 Start Time: 3:10 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: new Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: fence install, Weed control, Restoration/Revegetation, sign install, trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Checked on previous weed control. Additional weed control needed.

Fiscal Year: 2022

Complex Name: Clayton Parcel (J2) Start Time: 10:44 AM Visit Date: 4/28/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Areas not restored have native annuals and perrenials persisting amongst the invasive annual weeds and grasses. Restoration site is doing very well. Visit Date: 5/9/2022 Start Time: 10:25 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, trash pickup, sign install, dump cleanup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Pools being restored look great. Annual weeds and grasses in other non restored areas. Some trash present.

Fiscal Year: 2022 Complex Name: Clayton Parcel (J2) Management Actions Compeleted Visit Date: 7/29/2021 Start Time: 7:39 AM Surveyors: Jason Allen Action(s) Completed: Weed control, Trash pickup Notes: City staff performing weed control and trash pickup. Visit Date: 10/26/2021 Start Time: 8:15 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City PA staff performed weed control for russian thistle and other annual weeds. Visit Date: 11/30/2021 Start Time: 11:53 AM Surveyors: Jason Allen Action(s) Completed: Trash pickup Notes: Contracted crew picked up trash in vernal pool preserve and placed in dumpster onsite. Visit Date: 1/25/2022 Start Time: 7:42 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 2/7/2022 Start Time: 7:48 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 3/1/2022 Start Time: 10:01 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 3/9/2022 Start Time: 8:17 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed removal, dethatch and trash pickup. Visit Date: 3/16/2022 Start Time: 10:41 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 4/27/2022 Start Time: 7:46 AM Survevors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022		
Complex Name: Clayton Parcel (J2)		
Visit Date: 5/4/2022	Start Time: 7:46 AM	
Surveyors: Jason Allen		
Action(s) Completed: Weed co	ontrol, dethatching, trash pickup, dump cleanup	
Notes: Contracted crew performed	rmed weed control, dethatching, trash and dump pickup.	
Visit Date: 5/27/2022	Start Time: 8:20 AM	
Surveyors: Jason Allen		
Action(s) Completed: fence in	stall	
Notes: Contracted crew performed	rmed fence installation.	
Visit Date: 6/3/2022	Start Time: 2:18 PM	
Surveyors: Jason Allen		
Action(s) Completed: Weed co	ontrol, dethatching, Kiosk roof installation.	
Notes: Contracted crew performed	rmed weed control, dethatching and roof installation on the kiosk.	
Visit Date: 6/6/2022	Start Time: 1:13 PM	
Surveyors: Jason Allen		
Action(s) Completed: dethatc	hing, Weed control	
Notes: Contracted crew performed weed control and dethatching.		

Fiscal Year: 2022				
riscal feat. 2022				
Complex Name: Crescent Heights (B7-8)				
Planning Unit: North City or Other? City Managing Department: Parks & Recreation				
VPHCP Required Management and Monitoring Level: Level 1				
Qualitative Monitoring Data				
Visit Date: 2/25/2022         Start Time: 1:03 PM				
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible:				
Listed Plants Visible? absent				
New and Ongoing Issues Observed During Visit:				
Trash: ongoing	Tresspass/Unauthorized Use:			
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:			
Invasive Species in Pool: ongoing	Damage from Edge Effects:			
Invasive Species in Buffer: ongoing	Hydrological Impacts:			
Other issues observed:				
Are other issues new or ongoing?				
Management Needs: Weed control, Restoration/Reve	getation, Grading/Recontouring, Regular patrols recommended			
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Annual weeds and grasses present. Some trash	African daisy encroaching in			
Visit Date: 4/26/2022         Start Time: 3:49 PM				
Surveyors: Jason Allen	Surveyors: Jason Allen			
Site Conditions:				
Site Conditions:				
	e Last Rain: 1-5 Fairy Shrimp Visible:			
	e Last Rain: 1-5 Fairy Shrimp Visible:			
Ponded Water: no Days Since	e Last Rain: 1-5 Fairy Shrimp Visible:			
Ponded Water: no Days Since Listed Plants Visible? absent	e Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use:			
Ponded Water: no Days Since Listed Plants Visible? absent New and Ongoing Issues Observed During Visit:				
Ponded Water: no Days Since Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing	Tresspass/Unauthorized Use:			
Ponded Water: no Days Since Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:			
Ponded Water: no Days Since Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:			
Ponded Water: no       Days Since         Listed Plants Visible? absent          New and Ongoing Issues Observed During Visit:          Trash: ongoing          Damage to Fences and/or Signs:          Invasive Species in Pool: ongoing          Invasive Species in Buffer: ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:			
Ponded Water: noDays SinceListed Plants Visible? absentNew and Ongoing Issues Observed During Visit:Trash: ongoingDamage to Fences and/or Signs:Invasive Species in Pool: ongoingInvasive Species in Buffer: ongoingOther issues observed:Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:			
Ponded Water: no       Days Since         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash: ongoing         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, Restoration/Revent	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:			
Ponded Water: no       Days Since         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash: ongoing         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, Restoration/Rever         Other Management Needs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:			
Ponded Water: no       Days Since         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash: ongoing         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, Restoration/Revent	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:			
Ponded Water: no       Days Since         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash: ongoing         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs:         Weed control, Restoration/Rever         Other Management Needs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:			

<b>E</b> level V. em 2022			
Fiscal Year: 2022			
Complex Name: Del Mar Mesa (H 1-10, 13-	,-15, 18-23, 24-26)		
Planning Unit: North         City or Other? City         Managing Department: Parks & Recreation			
VPHCP Required Management and Monito	oring Level: Level 1		
Qualitative Monitoring Data			
Visit Date: 7/25/2021 Start Time:			
Surveyors: Melanie Fontana, Gina Washing	gton		
Site Conditions:			
Ponded Water: Days Since Last Rain: Fairy Shrimp Visible:			
Listed Plants Visible?			
New and Ongoing Issues Observed During			
Trash:	Tresspass/Unauthorized Use:		
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in Pool:	Damage from Edge Effects:		
Invasive Species in Buffer:	Hydrological Impacts:		
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: other			
Other Management Needs: Break down ill	legal hike iumps		
Additional Management Actions Recomm			
· ····································			
Notes: Illegal bike jumps in potential future	e vernal pool restoration area.		
Visit Date: 8/6/2021 Start Time:			
Surveyors: Melanie Fontana, Gina Washing			
-	Bron		
Site Conditions:			
Ponded Water:	Days Since Last Rain: Fairy Shrimp Visible:		
Listed Plants Visible?			
New and Ongoing Issues Observed During			
Trash:	Tresspass/Unauthorized Use:		
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in Pool:	Damage from Edge Effects:		
Invasive Species in Buffer: Hydrological Impacts:			
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: sign replace			
Other Management Needs:			
Additional Management Actions Recommended:			
Notes: Spray paint on sign. Need graffiti re	emover.		

Fiscal Year: 2022 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Visit Date: 9/16/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Site Conditions: Ponded Water: **Days Since Last Rain: Fairy Shrimp Visible:** Listed Plants Visible? New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: **Invasive Species in Pool:** Damage from Edge Effects: **Invasive Species in Buffer: Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: sign replace **Other Management Needs:** Additional Management Actions Recommended: Notes: New prohibited sign needed. Visit Date: 2/4/2022 Start Time: 11:01 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: >16 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Fence repair, gaterepair, sign replacement, fence install, sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Continued impacts from bikes and hikers through vernal pool habitat. Some annual weeds present. Some areas need fence or something to restrict access.

Fiscal Year: 2022 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Start Time: 11:25 AM Visit Date: 2/18/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Fence repair, Restoration/Revegetation, Weed control, sign replacement, fence install, sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Some weeds coming up. Tracks going through vernal pools. Met with Rangers onsite to strategize restricting access to some pools. Start Time: 1:45 PM Visit Date: 4/12/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage to Fences and/or Signs: ongoing Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Fence repair, Regular patrols recommended, Grading/Recontouring **Other Management Needs:** Additional Management Actions Recommended: Notes: Some annual weeds in and around pools. Fence needs to be repaired. Button celery and Mesa mint flowering.

Fiscal Year: 2022 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Start Time: 3:19 PM Visit Date: 4/29/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Mountain bike traffic through some pools. New keep out signs installed. Mesa mint and Button celery looking great. Water in one road pool. Visit Date: 5/4/2022 Start Time: 11:30 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: **Invasive Species in Pool:** Damage from Edge Effects: **Invasive Species in Buffer: Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: **Other Management Needs:** Additional Management Actions Recommended: No Access **Notes:** Access from the North off Camino Del Sur is still blocked by construction.

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

Visit Date: 5/12/2022	Start Time: 4:26 PM		
	Start Time. 4.20 FW		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes	Days Since Last I	Rain: >16	Fairy Shrimp Visible: absent
Listed Plants Visible?	? present		
New and Ongoing Issues Obs	served During Visit:		
Trash: ongoing		Tresspass/Unaut	thorized Use: ongoing
Damage to Fences ar	nd/or Signs: new	Fire or Damage from Fire Supression:	
Invasive Species in Pool: ongoing		Damage from Edge Effects:	
Invasive Species in Buffer: ongoing		Hydrological Imp	pacts:
Other issues observed:			
Are other issues new	v or ongoing?		
Management Needs: Weed control, dethatching, Restoration/Revegetation, Fence repair, Grading/Recontouring, Regular patrols recommended			
Other Management Needs:			
Additional Management Acti	ions Recommended:		
Notes: Some annual grasses and weeds in and around pools. Overall weed coverage is low. One fence section down.			

Fiscal Year: 2022

**Complex Name:** Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

Visit Date: 7/10/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol, Fence repair Notes: Ranger patrolled from Dormouse through CDFW to T3, around Mesa Loop, back out past eucs through CDFW. Repaired 6 ft of fence. Other two fences repaired with Jason are broken down again. Visit Date: 7/16/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted "OUT" on "KEEP OUT" sign. Someone had scratched it off. Visit Date: 7/2/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted "OUT" on "KEEP OUT" sign. Someone had scratched it off. Visit Date: 7/2/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol, Weed control Notes: Ranger patrolled Intuit Trailhead to Deer Creek, up Tunnel 3, and back. Issued citations to users on illegal trail, educated with warnings. Hand pulled Stinkwort near trailhead near the big willow at the bend. Visit Date: 7/25/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: Weed control Notes: Ranger patrolled Intuit Trailhead pool. Visit Date: 8/4/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington #Type! Notes: Ranger patrolled from Park Village Rd gate up Powerlines, to Sidewinder trail, back to Tunnel 4, and out Park Village Rd. Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington #Type! Notes: Renger patrolled from Park Village Rd gate up Powerlines, to Sidewinder trail, back to Tunnel 4, and out Park Village Rd. Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/6/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/2/2021 Start Time:	Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)	
Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol, Fence repaire Notes: Ranger patrolled from Dormouse through CDFW to T3, around Mesa Loop, back out past eucs through CDFW. Repaired 6 ft of fence. Other two fences repaired with Jason are broken down again. Visit Date: 7/16/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted "OUT" on "KEEP OUT" sign. Someone had scratched it off. Visit Date: 7/22/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol, Weed control Notes: Ranger patrolled Intuit Trailhead to Deer Creek, up Tunnel 3, and back. Issued citations to users on illegal trail, educated with warnings. Hand pulled Stinkwort near trailhead near the big willow at the bend. Visit Date: 7/25/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: weed control Notes: Ranger patrolled Intuit Trailhead near the big willow at the bend. Visit Date: 7/25/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: Weed control Notes: Ranger patrolled from Park Village Rd gate up Powerlines, to Sidewinder trail, back to Tunnel 4, and out Park Village Rd. Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/6/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Ranger patrolled from Park Village Rd gate up Powerlines, to Sidewinder trail, back to Tunnel 4, and out Park Village Rd. Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/6/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/2/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/2/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/2	Management Actions Compeleted	
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#Type! Notes: Ranger patrolled from Park Village Rd gate up Powerlines, to Sidewinder trail, back to Tunnel 4, and out Park Village Rd. Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/6/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Repainted sign. Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Visit Date: 8/4/2021 Start Time:	
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Broke down illegal bike jumps, and refilled borrow pits. Hand pulled stinkwort. Visit Date: 8/6/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	#Type!	
Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.		
Action(s) Completed: sign replace Notes: Repainted sign. Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Visit Date: 8/6/2021 Start Time:	
Notes: Repainted sign.         Visit Date: 8/12/2021       Start Time:         Surveyors: Melanie Fontana, Gina Washington         Action(s) Completed: patrol         Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Surveyors: Melanie Fontana, Gina Washington	
Visit Date: 8/12/2021 Start Time: Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Action(s) Completed: sign replace	
Surveyors: Melanie Fontana, Gina Washington Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Notes: Repainted sign.	
Action(s) Completed: patrol Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Visit Date: 8/12/2021 Start Time:	
<b>Notes:</b> Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Surveyors: Melanie Fontana, Gina Washington	
<b>Notes:</b> Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to check north closure of Rim, back to Bowtie, to Tunnel 4, to Powerlines and out Park Village Rd.	Action(s) Completed: patrol	
	Notes: Ranger patrolled Torrey Santa Fe gate up Cardiac, across Fire Rd to	check north closure of Rim, back to Bowtie, to Tunnel 4,
Surveyors: Melanie Fontana, Gina Washington	Surveyors: Melanie Fontana, Gina Washington	
Action(s) Completed: patrol, sign install	Action(s) Completed: patrol, sign install	
<b>Notes:</b> Ranger patrolled Intuit trailhead to the bottom of Tunnel 3 and back. Installed bumper Keep Out sign inside fencing at the bottom of Tunnel 3 at pinch point with new illegal trail that avoids fence.	Notes: Ranger patrolled Intuit trailhead to the bottom of Tunnel 3 and ba	ck. Installed bumper Keep Out sign inside fencing at the

complex Name: Del Mar IV	lesa (H 1-10, 13-15, 18-23, 24-26)
/isit Date: 9/5/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: Wee	d control, patrol
Notes: Hand pulled stinkwo	ort.
Visit Date: 9/7/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
Notes: Ranger patrolled fro	om Torrey Santa Fe to Rancho Toyon.
Visit Date: 9/16/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
Notes: Ranger patrolled fro and Dormouse.	m Dormouse through CDFW, T4, to Deer Creek, T3, CDFW, closed Rim, North Rim, Fore back to CDFW
Visit Date: 9/25/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
Notes: Ranger patrolled fro	m Rancho Toyon through to Torrey Santa Fe.
/isit Date: 10/14/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
Notes: Ranger patrolled Ra	ncho Toyon, mesa top, exit Park Village Rd.
Visit Date: 11/21/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: sign	replace, patrol
Notes: Ranger patrolled Pa	rk Village Rd to North Rim to Torrey Santa Fe. Repainted two "Keep Out" bumper signs.
Visit Date: 12/5/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
Notes: Ranger patrolled Fir	e Roads from Park Village Rd to Torrey Santa Fe gate.
Visit Date: 12/10/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: Fenc	e repair
Notes: Fence not bad just r	econnected chain link to gate.
/isit Date: 12/12/2021	Start Time:
Surveyors: Melanie Fontan	a, Gina Washington
Action(s) Completed: patro	
	rk Village Rd to T4 out Intuit back in Torrey Santa Fe, caltrans property to Switchbacks. Rim and back to

**Notes:** Ranger patrolled Park Village Rd to T4 out Intuit back in Torrey Santa Fe, caltrans property to Switchbacks, Rim and back to Park Village Rd.

7	/PHCP Qualitative Monitoring and Management Actions
Fiscal Year: 2022	
Complex Name: Del Mar N	Mesa (H 1-10, 13-15, 18-23, 24-26)
Visit Date: 12/30/2021	Start Time:
Surveyors: Melanie Fontar	na, Gina Washington
Action(s) Completed: patr	ol
Notes: Ranger patrolled fr Checked kiosks.	om Preserve housing gate to big vernal pools on Fire Road by foot, Fairy shrimp are out, no tadpoles ye
Visit Date: 12/31/2021	Start Time:
Surveyors: Melanie Fontar	na, Gina Washington
Action(s) Completed: patr	ol
0 .	a bike: Powerlines, T4 unreachable (full pool before eucs), to North Rim, down Switchbacks, out Three nd Patrick Star Pool occluding trail, T4 shouldn't be used.
Visit Date: 1/2/2022	Start Time:
Surveyors: Melanie Fontai	na, Gina Washington
Action(s) Completed: sign	install
	orary signs directing folks to nearest legal trailhead. Installed five signs at Intuit, Torrey Santa Fe, Park Trailhead and Canyonside. Installed new Seasonal Closure notice on A-frame sign near Powerlines kiosk
Visit Date: 2/25/2022	Start Time:
Surveyors: Melanie Fontar	na, Gina Washington
Action(s) Completed: sign	replace, patrol
Notes: Repainted keep our closed Rim wnd top of T5.	t sign, collected wire and posts to install elsewhere. Ranger patrolled Park Village Rd to T4, Mesa Loop,
Visit Date: 3/16/2022	Start Time:
Surveyors: Melanie Fontar	na, Gina Washington
Action(s) Completed: sign	install
Notes: Installed KEEP OUT	bumper sign for closed Mesa Loop.
Visit Date: 3/31/2022	Start Time:
Surveyors: Melanie Fontar	na, Gina Washington
Action(s) Completed: sign	replace, patrol
	bumper at top of T4 heading into closed Mesa Loop. Repainted KEEP OUT bumper sign on north side of the patrol from Intuit to North Rim and back Fire Rd and T4.
Visit Date: 4/12/2022	Start Time: 1:49 PM
Surveyors: Jason Allen	
Action(s) Completed: Fend	ce repair
	d gate installation and fence repair.

**Notes:** City staff performed gate installation and fence repair.

Fiscal Year: 2022	
Complex Name: Dormouse	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: N	None
Qualitative Monitoring Data	
Visit Date: 7/20/2021         Start Time: 3:25 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since I	Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs: Ongoing	Fire or Damage from Fire Supression:
Invasive Species in Pool:	Damage from Edge Effects:
Invasive Species in Buffer:	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Restoration/Revegetation, Fence	repair, Sign install, Trash pickup, Regular patrols recommended
Notes:	
Visit Date: 8/13/2021 Start Time: 11:13 AM	
Surveyors: Jason Allen	
Site Conditions:	
	Last Rain: >15 Fairy Shrimp Visible:
	Last Rain: >15 Fairy Shrimp Visible:
Ponded Water: no Days Since I	Last Rain: >15 Fairy Shrimp Visible:
Ponded Water: no Days Since I Listed Plants Visible? Present	Last Rain: >15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Ongoing
Ponded Water: no Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit:	
Ponded Water: no Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing	Tresspass/Unauthorized Use: Ongoing
Ponded Water: no       Days Since I         Listed Plants Visible? Present         New and Ongoing Issues Observed During Visit:         Trash: Ongoing         Damage to Fences and/or Signs: Ongoing	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression:
Ponded Water: no Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Ongoing Invasive Species in Pool: Ongoing	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Ponded Water: no       Days Since I         Listed Plants Visible? Present         New and Ongoing Issues Observed During Visit:         Trash: Ongoing         Damage to Fences and/or Signs: Ongoing         Invasive Species in Pool: Ongoing         Invasive Species in Buffer: Ongoing	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Ponded Water: no       Days Since I         Listed Plants Visible? Present         New and Ongoing Issues Observed During Visit:         Trash: Ongoing         Damage to Fences and/or Signs: Ongoing         Invasive Species in Pool: Ongoing         Invasive Species in Buffer: Ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, Restoration/Revege         pickup, Grading/Recontouring, Regular patrols recommended	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: etation, Fence repair, Gaterepair, Add replace lock, Add replace chain, Trask
Ponded Water: no       Days Since I         Listed Plants Visible? Present         New and Ongoing Issues Observed During Visit:         Trash: Ongoing         Damage to Fences and/or Signs: Ongoing         Invasive Species in Pool: Ongoing         Invasive Species in Buffer: Ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs:         Weed control, Restoration/Reveg         pickup, Grading/Recontouring, Regular patrols recommend         Other Management Needs:	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: etation, Fence repair, Gaterepair, Add replace lock, Add replace chain, Trash
Ponded Water: no       Days Since I         Listed Plants Visible? Present         New and Ongoing Issues Observed During Visit:         Trash: Ongoing         Damage to Fences and/or Signs: Ongoing         Invasive Species in Pool: Ongoing         Invasive Species in Buffer: Ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, Restoration/Reveger         pickup, Grading/Recontouring, Regular patrols recommended	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: etation, Fence repair, Gaterepair, Add replace lock, Add replace chain, Trash

Fiscal Year: 2022 Complex Name: Dormouse Start Time: 11:55 AM Visit Date: 2/4/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 **Fairy Shrimp Visible:** Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, trash pickup, fence install, sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Some annual weeds around vernal pools. Some old trash. Neighbor planting non-native plants behind their house. Button celery coming up. Visit Date: 2/18/2022 Start Time: 1:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Gate secure no signs of trespass.

Fiscal Year: 2022			
Complex Name: Dormouse			
Visit Date: 4/26/2022 Start Time: 2:3	8 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no Da	ys Since Last Rain: 1-5 Fa	iry Shrimp Visible:	
Listed Plants Visible? present			
New and Ongoing Issues Observed During Vis	it:		
Trash: ongoing	Tresspass/Unauthor	ized Use:	
Damage to Fences and/or Signs:	Fire or Damage fron	Fire or Damage from Fire Supression:	
Invasive Species in Pool: ongoing	Damage from Edge	Damage from Edge Effects:	
Invasive Species in Buffer: ongoing	Hydrological Impact	s:	
Other issues observed:	Other issues observed:		
Are other issues new or ongoing?			
Management Needs: Weed control, Restoration/Revegetation, trash pickup, Regular patrols recommended			
Other Management Needs:			
Additional Management Actions Recommend	led:		
<b>Notes:</b> Native tarweed growing up where mat Button celery present in some pools.	ure plants were removed. Tocolote	hitsle and other annual weeds also present.	

Fiscal Year: 2022	
Complex Name: Dormouse	2
Management Actions Com	peleted
Visit Date: 8/25/2021	Start Time: 1:49 PM
Surveyors: Jason Allen	
Action(s) Completed: Gate	erepair, Fence repair, Sign install, Trash pickup, Brush from illegal brush cutting was removed.
Notes:	
Visit Date: 11/5/2021	Start Time: 3:39 PM
Surveyors: Jason Allen	
Action(s) Completed: Fenc	e repair, Weed control, Gaterepair, Add replace chain, Add replace lock, Trash pickup
Notes: Contracted crew pic	cked up trash, performed weed control and chipping. City staff fixed fence and gate.
Visit Date: 11/8/2021	Start Time: 9:10 AM
Surveyors: Jason Allen	
Action(s) Completed: Trash	h pickup
Notes: City staff picked up	trash that was collected and unable to be transported last week.
Visit Date: 11/12/2021	Start Time: 12:08 PM
Surveyors: Jason Allen	
Action(s) Completed: Gate	erepair, Fence repair
Notes: City staff continues	to reinforce gate/fence. Gate was tampered with since last visit.
Visit Date: 6/6/2022	Start Time: 9:44 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching, trash pickup
Notes: City staff performed	d weed control, dethatching and trash pickup.
Visit Date: 6/10/2022	Start Time: 1:44 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching, trash pickup
Notes: City staff performed	d weed control, dethatching and trash pickup.

Fiscal Year: 2022			
Complex Name: Fairbanks	Highlands		
Planning Unit: North	City or Other? City	Managin	g Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: None			
Qualitative Monitoring Dat	а		
Visit Date: 3/18/2022	Start Time: 8:20 AM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no	Days Since Las	t Rain: 6-15	Fairy Shrimp Visible:
Listed Plants Visibl	Listed Plants Visible? absent		
New and Ongoing Issues O	bserved During Visit:		
Trash: ongoing		Tresspass/Un	authorized Use:
Damage to Fences and/or Signs:		Fire or Dama	ge from Fire Supression:
Invasive Species in	Pool: ongoing	Damage from	Edge Effects:
Invasive Species in Buffer: ongoing		Hydrological I	Impacts:
Other issues obser	ved:		
Are other issues ne	ew or ongoing?		
Management Needs: Weed recommended	I control, dethatching, trash pic	kup, sign install,	fence install, Recontouring pools, Regular patrols
Other Management Needs	:		
Additional Management A	ctions Recommended:		
<b>Notes:</b> Pools not part of ori impacts.	ginal VPHCP sites. Annual grass	es dominate site.	Illegal access may be impacting pools. No signs of recent

Fiscal Year: 2022			
Complex Name: Goat Mesa (J16-18)			
Planning Unit: South City or Other? City Managing Department: Public Utilities			
VPHCP Required Management and Monitoring Level: Leve	21 1		
Qualitative Monitoring Data			
Visit Date: 3/1/2022         Start Time: 10:15 AM			
Surveyors: Cheryl Jenkins; Travis Whitney			
Site Conditions:			
Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible:			
Listed Plants Visible? present			
New and Ongoing Issues Observed During Visit:			
Trash:	Tresspass/Unauthorized Use:		
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in Pool: ongoing	Damage from Edge Effects:		
Invasive Species in Buffer: ongoing	Hydrological Impacts:		
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: Weed control			
Other Management Needs:			
Additional Management Actions Recommended: Mainten	ance will resume in the fall.		
Notes: Weeding recently completed in and around the poo	ls.		
Visit Date: 3/9/2022 Start Time: 2:34 PM			
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes Days Since Last	t Rain: 1-5 Fairy Shrimp Visible: present		
Listed Plants Visible? present			
New and Ongoing Issues Observed During Visit:			
Trash:	Tresspass/Unauthorized Use:		
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in Pool: ongoing	Damage from Edge Effects:		
Invasive Species in Buffer: ongoing	Hydrological Impacts:		
Other issues observed:			
Are other issues new or ongoing?			
	tion, Regular patrols recommended, Grading/Recontouring, fence install		
Other Management Needs:			
Additional Management Actions Recommended:			
<b>Notes:</b> Road pool has ponded and has fairy shrimp in it. Oth mapped them.	her pools discovered in old closed off roads. Recorded two new pools and		

Fiscal Year: 2022 Complex Name: Goat Mesa (J16-18) Visit Date: 5/19/2022 Start Time: 12:17 PM Surveyors: Jade Woll, JR Sundberg Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Damage from Edge Effects: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control **Other Management Needs:** Additional Management Actions Recommended: None Notes: Erynguim ari. (San Diego button celery) Management Actions Compeleted Visit Date: 3/14/2022 Start Time: 2:35 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching.

Complex Name: Greystone Torrey Highlands (	H39)	
Planning Unit: North City or Other	? City Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring	g Level: Level 1	
Qualitative Monitoring Data		
Visit Date: 7/20/2021 Start Time: 1:5	7 PM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Da	ays Since Last Rain: Fairy Shrimp Visible:	
Listed Plants Visible? Present		
New and Ongoing Issues Observed During Vis	<u>it:</u>	
Trash:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Restoration	on/Revegetation, Regular patrols recommended	
Other Management Needs:	led'	
Additional Management Actions Recommend	led:	
-	led:	
Additional Management Actions Recommend		
Additional Management Actions Recommend Notes: Some stinkwort to be treated.		
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:1 Surveyors: Jason Allen		
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen <u>Site Conditions:</u>	52 PM	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen <u>Site Conditions:</u>		
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Da Listed Plants Visible? present	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Da Listed Plants Visible? present	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash:	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>iit:</u> Tresspass/Unauthorized Use:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs:	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>iit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatchi	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: ing, Regular patrols recommended	
Additional Management Actions Recommend Notes: Some stinkwort to be treated. Visit Date: 2/4/2022 Start Time: 12:: Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatchi	52 PM ays Since Last Rain: >16 Fairy Shrimp Visible: <u>it:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: ing, Regular patrols recommended ded:	

Fiscal Year: 2022	
Complex Name: Greystone Torrey Highlands (H39)	
Visit Date: 3/18/2022 Start Time: 7:32 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sind	ce Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, Reg	gular patrols recommended
Notes: Annual weeds present throughout site. Mesa good.Visit Date: 4/26/2022Start Time: 1:22 PMSurveyors: Jason AllenSite Conditions:	mint flowering in a few pools already. Button celery and Mesa mint looking
Ponded Water: no Days Sind	ce Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, Reg	gular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Pools look great. Mesa mint and Button celery	y doing well. Some annual weeds present. Stinkwort seedlings present.

Fiscal Year: 2022 Complex Name: Greystone Torrey Highlands (H39) Management Actions Compeleted Visit Date: 8/13/2021 Start Time: 2:47 PM Surveyors: Jason Allen Action(s) Completed: Weed control, Trash pickup Notes: Stinkwort hand pulled by City staff. Visit Date: 8/23/2021 Start Time: 12:33 PM Surveyors: Jason Allen Action(s) Completed: Weed control, Trash pickup Notes: Stinkwort sprayed by City staff. Trash picked up by City staff. Brush dumped over fence from HOA. Visit Date: 3/18/2022 Start Time: 7:53 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 6/6/2022 Start Time: 12:01 PM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup Notes: City staff performed weed control and trash pickup.

Complex Name: Hidden Trails (J31) Planning Unit: South City or Other? City VPHCP Required Management and Monitoring Level: Leve	
	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 1/21/2022         Start Time: 4:14 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Regular patrols recom	nmended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: CA Gnatcatcher heard in the distance. Lots of grasse	es and weeds coming up.
Visit Date: 3/14/2022 Start Time: 9:29 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching	
Other Management Needs:	

Fiscal Year: 2022 Complex Name: Hidden Trails (J31) Visit Date: 6/3/2022 Start Time: 2:46 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Late season annual weeds present. Annual grasses all dead. Needs continued weed control and dethatch. Branches dumped over fence. Management Actions Compeleted Visit Date: 2/2/2022 Start Time: 7:13 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/4/2022 Start Time: 9:01 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 4/18/2022 Start Time: 8:35 AM Surveyors: Jason Allen Action(s) Completed: dethatching, Weed control Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022	
Complex Name: Kelton (NC)	
Planning Unit: South City or Oth	er? City Managing Department: Parks & Recreation
/PHCP Required Management and Monitor	ring Level: None
Qualitative Monitoring Data	
Visit Date: 7/8/2021 Start Time: 2	2:54 PM
Surveyors: Jason Allen	
Site Conditions:	
	Days Since Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During	Visit:
Trash: New	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs: Or	ngoing Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Regular patrols recommended	ching, Restoration/Revegetation, Fence repair, Trash pickup, Grading/Recontouring,
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme	
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we	ended: ere present. Some dead weeds around pools.
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we	ended: ere present. Some dead weeds around pools.
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen	ended: ere present. Some dead weeds around pools.
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen <u>Site Conditions:</u>	ere present. Some dead weeds around pools.
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no	ended: ere present. Some dead weeds around pools.
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V	ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: <u>Visit:</u>
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: Tresspass/Unauthorized Use: new
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: Tresspass/Unauthorized Use: new ngoing Fire or Damage from Fire Supression:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing	ended: ere present. Some dead weeds around pools. L:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: ngoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or Invasive Species in Pool: ongoing	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: ngoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	ended: ere present. Some dead weeds around pools. L:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: ngoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	ended: ere present. Some dead weeds around pools. L:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: ngoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethat	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: Tresspass/Unauthorized Use: new ngoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Regular patrols recommended Other Management Needs: Additional Management Actions Recomme Notes: Rangers broke up bike jumps that we Visit Date: 6/1/2022 Start Time: 1 Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During V Trash: ongoing Damage to Fences and/or Signs: or Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethat Regular patrols recommended	ended: ere present. Some dead weeds around pools. 1:59 PM Days Since Last Rain: >16 Fairy Shrimp Visible: Visit: Intersspass/Unauthorized Use: new hgoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: ching, Restoration/Revegetation, Fence repair, sign install, Grading/Recontouring,

Fiscal Year: 2022	
Complex Name: Lopez Ridge (B7-8)	
	Managing Department, Darks & Deprosion
Planning Unit: North City or Other? City	
VPHCP Required Management and Monitoring Leve	el: Level 1
Qualitative Monitoring Data	
Visit Date: 2/25/2022 Start Time: 1:09 PM	
Surveyors: Jason Allen	
Site Conditions:	
-	nce Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, R	legular patrols recommended
-	
Additional Management Actions Recommended:	int present in pools.
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen <u>Site Conditions:</u>	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen <u>Site Conditions:</u>	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present	
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit:	nce Last Rain: 6-15 Fairy Shrimp Visible:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen <u>Site Conditions:</u> Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash:	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs:	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Buffer: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Annual weeds and grasses present. Mesa mi Visit Date: 3/15/2022 Start Time: 7:53 AM Surveyors: Sara Allen Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control Other Management Needs:	nce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2022 Complex Name: Lopez Ridge (B7-8) Visit Date: 4/26/2022 Start Time: 3:43 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Regular patrols recommended, Restoration/Revegetation **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual grasses and weeds present. Mesa mint doing well. Management Actions Compeleted Visit Date: 3/15/2022 Start Time: 7:56 AM Surveyors: Sara Allen Action(s) Completed: Weed control Notes: Contracted crew performed weed control.

Fiscal Year: 2022		
Complex Name: Marron Valley (N	/M1)	
Planning Unit: South	City or Other? City	Managing Department: Public Utilities
VPHCP Required Management an	d Monitoring Level: Lev	vel 1
Qualitative Monitoring Data		
Visit Date: 2/18/2022 Sta	art Time: 9:20 AM	
Surveyors: Travis Whitney		
Site Conditions:		
Ponded Water: no	Days Since La	ast Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? abs	sent	
New and Ongoing Issues Observe	ed During Visit:	
Trash:		Tresspass/Unauthorized Use: ongoing
Damage to Fences and/o	or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool:	ongoing	Damage from Edge Effects:
Invasive Species in Buffe	r: ongoing	Hydrological Impacts:
Other issues observed:		
Are other issues new or	ongoing?	
Management Needs: Weed contr	rol	
Other Management Needs:		
Additional Management Actions	Recommended:	
Notes: Maintenance recently don	e to remove/spray weed	ds in and around pools and repair fences. Evidence of human and bovin
trespass still evident in and aroun	d pools.	
Management Actions Compelete	d	
Visit Date: 2/18/2022 Sta	art Time:	
Surveyors: Travis Whitney		
Action(s) Completed: Fence repa	ir, Weed control	

**Notes:** Maintenance done to remove/spray weeds in and around pools and repair fences.

Fiscal Year: 2022	
Complex Name: Mission Trails Regional Park (Q2)	
Planning Unit: Central City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	: Level 1
Qualitative Monitoring Data	
Visit Date: 10/12/2021 Start Time: 12:10 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sinc	e Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, Sign	n install, Regular patrols recommended
	hatch in and around pools. Some weed seedlings popping up.
Visit Date: 2/10/2022         Start Time: 4:19 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sinc	e Last Rain: >16 Fairy Shrimp Visible:
Ponded Water: no Days Sinc Listed Plants Visible? absent	e Last Rain: >16 Fairy Shrimp Visible:
Ponded Water: no Days Sinc Listed Plants Visible? absent New and Ongoing Issues Observed During Visit:	
Ponded Water: no Days Sinc Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash:	Tresspass/Unauthorized Use:
Ponded Water: no Days Sinc Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Ponded Water: no Days Sinc Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent          New and Ongoing Issues Observed During Visit:          Trash:       Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing       Invasive Species in Buffer: ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent          New and Ongoing Issues Observed During Visit:       Trash:         Damage to Fences and/or Signs:          Invasive Species in Pool: ongoing          Invasive Species in Buffer: ongoing          Other issues observed:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash:         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash:         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash:         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Ponded Water: no       Days Sinc         Listed Plants Visible? absent         New and Ongoing Issues Observed During Visit:         Trash:         Damage to Fences and/or Signs:         Invasive Species in Pool: ongoing         Invasive Species in Buffer: ongoing         Other issues observed:         Are other issues new or ongoing?         Management Needs: Weed control, dethatching, Res	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:

Fiscal Year: 2022 **Complex Name:** Mission Trails Regional Park (Q2) Visit Date: 3/2/2022 Start Time: 1:59 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds and grasses around pool. Trail encroaching into pool a little, but is fenced off. Visit Date: 3/8/2022 Start Time: 2:45 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended, Fence repair **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Water in pool. No fairy shrimp. Annual weeds in around pools.

Fiscal Year: 2022	
Complex Name: Mission Trails Regional Park (Q2)	
Visit Date: 5/6/2022         Start Time: 12:32 PM	M
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Si	ince Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, R	lestoration/Revegetation
Notes: Annual grasses and weeds in and around po Visit Date: 5/11/2022 Start Time: 4:10 PM	
Surveyors: Jason Allen	1
Site Conditions:	
	ince Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	Traceness // Insutherized Lies
Trash: Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Pool. ongoing	Hydrological Impacts:
Other issues observed:	nyulological impacts.
Are other issues new or ongoing?	
	Restoration/Revegetation, Regular patrols recommended
<b>C</b>	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual grasses and weeds in and around po	pols.

Fiscal Year: 2022

Complex Name: Mission Trails Regional Park (Q2)

Management Actions Com	peleted	
Visit Date: 3/8/2022	Start Time: 1:09 PM	
Surveyors: Jason Allen		
Action(s) Completed: Fend	e repair, Weed control	
Notes: City staff performed	weed control and fence repair.	
Visit Date: 3/15/2022	Start Time: 2:40 PM	
Surveyors: Jason Allen		
Action(s) Completed: fend	e install	
Notes: City staff performed	l fence installation.	
Visit Date: 4/5/2022	Start Time: 12:21 PM	
Surveyors: Jason Allen		
Action(s) Completed: fend	e install	
Notes: City staff performed	l fence installation.	

Fiscal Year: 2022		
Complex Name: Montgomery Field (N5-6)		
Planning Unit: Central City or Other? City	Managing Department: Airports	
/PHCP Required Management and Monitoring Leve	I: Level 1	
Qualitative Monitoring Data		
Visit Date: 3/1/2022 Start Time: 12:00 PM		
Surveyors: Jade Woll		
Site Conditions:		
	ce Last Rain: 6-15 Fairy Shrimp Visible:	
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit:		
Trash: ongoing	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Are other issues new or ongoing:		
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended:	kup	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM	·	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM	·	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll <u>Site Conditions:</u>		
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin	·	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present		
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit:	ce Last Rain: 6-15 Fairy Shrimp Visible:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs:	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control trash pickup	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Management Needs: Weed control trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Management Needs: Weed control Trash pick Visit Date: 4/13/2022 Start Time: 11:48 AM Surveyors: Jade Woll Site Conditions: Ponded Water: no Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control trash pickup Other Management Needs:	ce Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	

Fiscal Year: 2022

Complex Name: Montgomery Field (N5-6) Visit Date: 6/30/2022 Start Time: 12:30 PM Surveyors: Jade Woll, Chelsea Polevy Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Damage from Edge Effects: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control trash pickup **Other Management Needs:** Additional Management Actions Recommended: Stinkwort (Dittrichia graveolens) abundant in pool 5358, removal recommended.

Notes: Weeding needed in all pools, trash present in some pools.

Fiscal Year: 2022	
Complex Name: Nobel Drive (X5)	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
Visit Date: 11/17/2021 Start Time: 1:31 PM	
Surveyors: Jason Allen	
Site Conditions:	
	Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, Restor recommended	pration/Revegetation, Fence install, Sign install, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual grass weeds thatch present. Add signs.	Add fence around additional pool.
Visit Date: 3/18/2022 Start Time: 9:15 AM	
Surveyors: Jason Allen	
Site Conditions:	
	Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	······································
Are other issues new or ongoing?	
Management Needs: Weed control, dethatching, fence	e install, sign install, Regular patrols recommended
Other Management Needer	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses throughout. Not wet	enough for Navarretia this year so far.

Fiscal Year: 2022 Complex Name: Nobel Drive (X5) Visit Date: 5/17/2022 Start Time: 2:32 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds and grasses all dried up. Tarweed abundant throughout. Add fence around unfenced pools. Management Actions Compeleted Visit Date: 3/18/2022 Start Time: 9:32 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Start Time: 7:43 AM Visit Date: 4/22/2022 Surveyors: Jason Allen Action(s) Completed: dethatching, Weed control Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022	
Complex Name: Ocean View Hills Parkway	
Planning Unit: South City or Othe	r? City Managing Department: Parks & Recreation
/PHCP Required Management and Monitori	ng Level: None
Qualitative Monitoring Data	
Visit Date: 2/25/2022 Start Time: 2::	19 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no D	Days Since Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Vi	isit:
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: nev	W Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatch	hing, Restoration/Revegetation, Fence repair, Regular patrols recommended
-	ided:
Additional Management Actions Recommen	naged.
Other Management Needs: Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen	naged.
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen	naged.
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:3 Surveyors: Jason Allen <u>Site Conditions:</u>	naged. 31 PM
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:3 Surveyors: Jason Allen <u>Site Conditions:</u>	naged.
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:3 Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible:
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:3 Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible:
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Visible	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: <u>isit:</u>
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Visible? Trash: ongoing	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: <u>isit:</u> Tresspass/Unauthorized Use:
Additional Management Actions Recommen Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:3 Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vi Trash: ongoing Damage to Fences and/or Signs:	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recomment Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomment Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vi Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomment Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Buffer: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: dethatching, Weed con	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomment Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vi Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: dethatching, Weed con install, fence install	maged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recomment Notes: Annual weeds present. Fence was dan Visit Date: 6/3/2022 Start Time: 3:: Surveyors: Jason Allen Site Conditions: Ponded Water: no D Listed Plants Visible? present New and Ongoing Issues Observed During Vi Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	naged. 31 PM Days Since Last Rain: >16 Fairy Shrimp Visible: isit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: htrol, trash pickup, Restoration/Revegetation, Regular patrols recommended, sign

Fiscal Year: 2022

Complex Name: Ocean View Hills Parkway

#### Management Actions Compeleted

Visit Date: 6/3/2022 Start Time: 3:39 PM

Surveyors: Jason Allen

Action(s) Completed: trash pickup

Notes: City staff performed trash pickup.

Fiscal Year: 2022	
Complex Name: Otay Lakes (K5)	
Planning Unit: South City or Other? City	Managing Department: Public Utilities
VPHCP Required Management and Monitoring Leve	
Qualitative Monitoring Data	
Visit Date: 3/2/2022 Start Time: 12:00 PM Surveyors: Cheryl Jenkins	
Site Conditions:	
	ce Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? present	
<u>New and Ongoing Issues Observed During Visit:</u> Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Pool. ongoing	Hydrological Impacts:
Other issues observed:	Hydrological impacts.
Are other issues new or ongoing?	
Management Needs: Weed control	
Other Management Needs:	
Additional Management Actions Recommended: M	aintenance will resume in the fall.
Notes: Contracted crew performed weed control.	
<b>Visit Date:</b> 5/23/2022 <b>Start Time:</b> 1:44 PM	
Surveyors: J. R. Sundberg, Andrew Smisek	
Site Conditions:	
	ce Last Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? present	<i>,</i> .
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control dethatching	
Other Management Needs:	
Additional Management Actions Recommended: No	one
Additional Management Actions Recommended. N	
Notes: No to little disturbance. Weed levels are fairly	y stable.

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

#### Management Actions Compeleted

Visit Date: 3/2/2022 Start Time:

Surveyors: Cheryl Jenkins

Action(s) Completed: Weed control

Notes: Contracted crew performed weed control.

Fiscal Year: 2022	
Complex Name: Pasatiempo (KK2)	
Planning Unit: Central City or Other? Cit	y Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Lev	vel: Level 1
Qualitative Monitoring Data	
Visit Date: 7/27/2021 Start Time: 2:37 PM	1
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Si	ince Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Sign install, Re	egular patrols recommended, Restoration/Revegetation
Other Management Needs:	
-	
Additional Management Actions Recommended:	
Additional Management Actions Recommended:	eping people out of sensitive area. Dead crown daisy throughout edge areas.
Additional Management Actions Recommended:	
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee	
Additional Management Actions Recommended:         Notes: Add a few more signs. Installed fence is kee         Visit Date: 10/11/2021       Start Time: 2:30 PM         Surveyors: Jason Allen	
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen <u>Site Conditions:</u>	1
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Si	
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent	1
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit:	ince Last Rain: 1-5 Fairy Shrimp Visible:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs:	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool:	1 ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Ongoing	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Ongoing Other issues observed:	1 ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing?	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/R	1 ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/R	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/R recommended	ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Add a few more signs. Installed fence is kee Visit Date: 10/11/2021 Start Time: 2:30 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Si Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/R recommended Other Management Needs:	1 ince Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: evegetation, Dethatching, Sign install, Trash pickup, Regular patrols

Fiscal Year: 2022 Complex Name: Pasatiempo (KK2) Start Time: 2:42 PM Visit Date: 11/2/2021 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Sign install, Trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Checking site after weed control by City staff was performed. Weeds starting to yellow. Olive trees cut stump. Century plants treated. Some old trash from broken bottles present. Visit Date: 11/17/2021 Start Time: 4:08 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Restoration/Revegetation, Sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Some annuals weeds need to be treated. Add more signs around fenced area. Fence off one more pool.

Fiscal Year: 2022 Complex Name: Pasatiempo (KK2) Start Time: 1:01 PM Visit Date: 12/22/2021 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Sign install, Grading/Recontouring, Regular patrols recommended, Fence install **Other Management Needs:** Additional Management Actions Recommended: Notes: Checking on plants recently installed. Many plants munched down. Need to install additional plant protectors. No pooling after recent rains. Visit Date: 1/27/2022 Start Time: 11:33 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no **Days Since Last Rain:** Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? **Management Needs: Other Management Needs:** Additional Management Actions Recommended: Notes: New plants look great overall. Annual weeds coming up.

Fiscal Year: 2022 Complex Name: Pasatiempo (KK2) Visit Date: 3/1/2022 Start Time: 2:21 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: sign install, Weed control, Restoration/Revegetation, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds present in and around vernal pools. Habitat restoration site doing well, but has weeds around plants. Visit Date: 4/1/2022 Start Time: 11:58 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** One pool with a little standing water in it. Annual weeds throughout site.

Fiscal Year: 2022 Complex Name: Pasatiempo (KK2) Visit Date: 5/17/2022 Start Time: 4:58 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 **Fairy Shrimp Visible:** Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Some annual weeds still alive. Habitat restoration site looking good, but needs some additional weed control. Visit Date: 6/1/2022 Start Time: 4:24 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 **Fairy Shrimp Visible:** Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Restoration/Revegetation, Weed control, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Checked on weed control by City staff. Some annual weeds still present, but most removed.

Fiscal Year: 2022

Complex Name: Pasatiempo (KK2)

Management Actions Comp	
Management Actions Comp	
Visit Date: 8/5/2021	Start Time: 8:00 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	
Notes: City staff performed	
Visit Date: 10/20/2021	Start Time: 8:32 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	d control, Dethatching, Trash pickup
Notes: Contracted crew per	forming weed management cutting down dead weeds and thatch.
Visit Date: 10/27/2021	Start Time: 7:35 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	l control
Notes: City PA staff perform	ned weed control of century plant, crown daisy and other emerging annual weeds.
Visit Date: 12/6/2021	Start Time: 10:48 AM
Surveyors: Jason Allen	
Action(s) Completed: RestR	eveg
Notes: Contracted crew pre	pping holes for native plant installation.
Visit Date: 12/8/2021	Start Time: 8:53 AM
Surveyors: Jason Allen	
Action(s) Completed: RestR	leveg
Notes: Contracted crew inst	talling 400 native plants and cactus cuttings.
Visit Date: 12/10/2021	Start Time: 12:45 PM
Surveyors: Jason Allen	
Action(s) Completed: Fence	e install, Sign install, Weed control, Dethatching
<b>Notes:</b> Contracted crew inst preserve.	talled fence and sign and weed whacked and removed century plants. City staff sprayed weeds in the
Visit Date: 12/28/2021	Start Time: 2:54 PM
Surveyors: Jason Allen	
Action(s) Completed: RestR	eveg
Notes: City staff installed pl	ant protectors around recently installed native plants.
Visit Date: 3/17/2022	Start Time: 1:13 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	l control
Notes: City staff performed	weed control.
Visit Date: 5/23/2022	Start Time: 10:14 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	l control, dethatching
Notes: City staff performed	weed control and dethatching.

Fiscal Year: 2022	
Complex Name: Pasatiemp	ро (КК2)
Visit Date: 5/23/2022	Start Time: 8:49 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching
Notes: City staff performed	d weed control and dethatching.
Visit Date: 5/24/2022	Start Time: 9:20 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching
Notes: City staff performed	d weed control and dethatching.
Visit Date: 5/27/2022	Start Time: 8:24 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching, restreveg
Notes: City staff performed	d weed control, dethatching and watered habitat restoration site.
Visit Date: 5/31/2022	Start Time: 8:43 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching, restreveg
Notes: City staff performed	d weed control, dethatching and watered habitat restoration site.
Visit Date: 6/6/2022	Start Time: 2:09 PM
Surveyors: Jason Allen	
Action(s) Completed: restr	reveg
Notes: Contracted crew wa	atered habitat restoration site.

Fiscal Year: 2022	
Complex Name: Proctor Valley (R1)	
Planning Unit: South City or Other? City	Managing Department: Public Utilities
VPHCP Required Management and Monitoring Level: Lev	
Qualitative Monitoring Data	
Visit Date:         2/22/2022         Start Time:         1:15 PM	
Surveyors: Cheryl Jenkins	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control	
Additional Management Actions Recommended: Notes: Weed removal in pools and buffers recently complealso recently maintained.	eted. Additional maintenance planned for the Fall. Artificial owl burrows
Visit Date:         5/11/2022         Start Time:         11:00 AM	
Surveyors: Cheryl Jenkins	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: ongoing	Fire or Damage from Fire Supression:
Invasive Species in Pool:	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control sign replacement trash	n pickup
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Maintenance will resume in the Fall.	

Fiscal Year: 2022

Complex Name: Proctor Valley (R1)

#### Management Actions Compeleted

Visit Date: 2/22/2022 Start Time:

Surveyors: Cheryl Jenkins

Action(s) Completed: Weed control

**Notes:** Weed removal in pools and buffers recently completed. Additional maintenance planned for the Fall. Artificial owl burrows Weed removal in pools and buffers recently completed. Additional maintenance planned for the Fall. Artificial owl burrows Weed removal in pools and buffers recently completed. Additional maintenance planned for the Fall. Artificial owl burrows also recently maintained

	0
Fiscal Year: 2022	
Complex Name: Pueblo Lands (North and South) (I12	2)
Planning Unit: North City or Other? City	Managing Department: Public Utilities
VPHCP Required Management and Monitoring Level	I: Level 1
Qualitative Monitoring Data	
Visit Date: 2/9/2022 Start Time: 12:00 PM	
Surveyors: Cheryl Jenkins	
Site Conditions:	
	ce Last Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control dethatching add	replace lock
need to be replaced with City lock. Visit Date: 4/27/2022 Start Time: 1:29 PM	weeds remain. City lock replaced by MCAS Miramar combo lock (1404). Will
Surveyors: Cheryl Jenkins	
Site Conditions:	
Ponded Water: no Days Sine	ce Last Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit:	- (
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control	
Other Management Needs:	
Additional Management Actions Recommended: M	aintenance will resume in the fall.
Notes: MCAS Miramar combo lock on gate #1404. Ne	

Fiscal Year: 2022	
Complex Name: Robinhood Ridge (J4-5)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	Level 2
Qualitative Monitoring Data	
Visit Date: 7/16/2021         Start Time: 10:48 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	e Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: Ongoing	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Fence repair, Res	toration/Revegetation, Trash pickup, Regular patrols recommended
Notes: Site looks good overall. No wards weed observ         Visit Date: 10/5/2021       Start Time: 11:04 AM         Surveyors: Jason Allen         Site Conditions:	
-	e Last Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, Rest recommended	toration/Revegetation, Sign replacement, Trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
<b>Notes:</b> Fence not compromised. No new Wards weed section.	present. Some new trash. Some dead grass thatch to remove in Northern
	Appendix B-1

Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) Visit Date: 11/1/2021 Start Time: 8:52 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: New **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Trash pickup, Weed control, Restoration/Revegetation, Dethatching, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Checking on contracted crews work from last week dethatching and picking up trash. Found and picked up some more trash. Identified 4 Ward's weed seedlings. Perimeter fence intact. Visit Date: 12/3/2021 Start Time: 3:49 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: New **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Sign install, Trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Fence repair holding and no trespass issues currently. Some trash blew in or thrown over fence. No Wards weed noticed.

Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) Start Time: 2:51 PM Visit Date: 12/23/2021 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: New **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash pickup, Regular patrols recommended, Restoration/Revegetation, Sign replacement **Other Management Needs:** Additional Management Actions Recommended: Notes: Ward's weed starting to pop up along with other annual weeds and grasses. Six Ward's weed seedlings pulled. A few pieces of new trash picked up. Visit Date: 1/12/2022 Start Time: 9:07 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: New **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: New Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Sign replacement, Fence repair, Trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Wards weed seedlings popping up. New trash. Fence broken again.

Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5) Start Time: 4:06 PM Visit Date: 2/19/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 **Fairy Shrimp Visible:** Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: new Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, gaterepair, trash pickup, Regular patrols recommended, sign replacement **Other Management Needs:** Additional Management Actions Recommended: Notes: Ward's weed present. Annual weeds present throughout. Previously repaired gate breached again. Button celery abundant throughout. Previous weed control controlling patches of weeds. Visit Date: 3/1/2022 Start Time: 10:45 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Annual weeds present in and around pools. Button celery doing well.

Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) Start Time: 10:18 AM Visit Date: 3/30/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: new Damage to Fences and/or Signs: ongoing Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Fence repair, sign replacement, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Water in some pools after recent rain. Otay mesa mint flowering in some pools. Button celery thriving. Fence needs to be repaired and sign replaced. Visit Date: 4/14/2022 Start Time: 2:33 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Checked site for vandalism to repaired fence and sign. Did not find any vandalism. Site is secure.

Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)

Visit Date: 5/13/2022 Star	t Time: 11:26 AM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no	Days Since Last Ra	ain: 6-15	Fairy Shrimp Visible:
Listed Plants Visible? prese	ent		
New and Ongoing Issues Observed	During Visit:		
Trash: ongoing		Tresspass/Una	authorized Use:
Damage to Fences and/or	Signs:	Fire or Damag	e from Fire Supression:
Invasive Species in Pool: o	ngoing	Damage from	Edge Effects:
Invasive Species in Buffer:	ongoing	Hydrological I	mpacts:
Other issues observed:			
Are other issues new or or	ngoing?		
Management Needs: Weed contro recommended	l, dethatching, Restoration	/Revegetation	, sign install, Grading/Recontouring, Regular patrols
Other Management Needs:			
Additional Management Actions R	ecommended:		
Notes: Annual weeds and grasses in	n and around pools on Wes	st mesa. Some	trash present.

Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) Management Actions Compeleted Visit Date: 7/16/2021 Start Time: 11:37 AM Surveyors: Jason Allen Action(s) Completed: Gaterepair Notes: Fixed fence location that is constantly breached. Human waste found inside the breached fence area. Visit Date: 10/26/2021 Start Time: 7:14 AM Surveyors: Jason Allen Action(s) Completed: Weed control, Dethatching, Trash pickup Notes: Contracted crew performing dethatching and weed control and picking up trash. Visit Date: 11/1/2021 Start Time: 8:51 AM Surveyors: Jason Allen Action(s) Completed: Trash pickup Notes: City staff picked up trash. Visit Date: 1/12/2022 Start Time: 7:02 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: Contracted crew performed weed control. Visit Date: 1/14/2022 Start Time: 8:00 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: Contracted crew performed weed control. Visit Date: 2/25/2022 Start Time: 8:04 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup Notes: Contracted crew performed weed control. City staff performed trash pickup. Visit Date: 3/14/2022 Start Time: 7:43 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 4/1/2022 Start Time: 3:19 PM Surveyors: Jason Allen Action(s) Completed: Fence repair, sign replacement Notes: City staff performed fence repair and sign replacement. Visit Date: 4/6/2022 Start Time: 8:02 AM Survevors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup.

Fiscal Year: 2022	
Complex Name: Robinhood R	idge (J4-5)
Visit Date: 4/28/2022	Start Time: 9:47 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, trash pickup
Notes: City staff performed w	eed control and trash pickup.
Visit Date: 5/5/2022	Start Time: 5:03 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, trash pickup
Notes: City staff performed w	eed control and trash pickup.
Visit Date: 5/17/2022	Start Time: 8:21 AM
Surveyors: Jason Allen	
Action(s) Completed: dethatc	hing, Weed control
Notes: Contracted crew perfo	rmed weed control and dethatching.
Visit Date: 5/18/2022	Start Time: 4:44 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control and dethatching.
Visit Date: 5/19/2022	Start Time: 11:14 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	ontrol, dethatching
Notes: Contracted crew perfo	rmed weed control and dethatching. City staff performed weed control.
Visit Date: 5/23/2022	Start Time: 1:52 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	-
	rmed weed control and dethatching.
Visit Date: 5/24/2022	Start Time: 1:39 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	
	rmed weed control and dethatching.
Visit Date: 5/26/2022	Start Time: 11:57 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	
· · · ·	ormed weed control and dethatching.
Visit Date: 5/27/2022	Start Time: 2:09 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed c	-
Notes: Contracted crew perfo	rmed weed control and dethatching.

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

Visit Date: 5/31/2022 Start Time: 11:16 AM

Surveyors: Jason Allen

Action(s) Completed: dethatching, Weed control

Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022	
Complex Name: Seabird Way	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: Nor	ie
Qualitative Monitoring Data	
Visit Date: 10/5/2021         Start Time: 12:47 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, Trash pic install, Fence install	ckup, Regular patrols recommended, Restoration/Revegetation, Sign
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Some thatch needs to be removed. A few tamarisk	trees to be removed. Bottles to be removed. Stinkwort to be treated.
Visit Date: 2/2/2022 Start Time: 1:43 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Las	t Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Trash: ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Restoration/Revegeta recommended	tion, fence install, sign install, trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Button celery present in pools. Some old trash. Lots	of annual weeds.

Fiscal Year: 2022 Complex Name: Seabird Way Start Time: 8:18 AM Visit Date: 2/28/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, fence install, sign install, Regular patrols recommended, trash pickup **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds on East mesa are present and throughout. Some trash to pickup. Standing water in a few pools. No fairy shrimp at this time. Visit Date: 4/18/2022 Start Time: 9:20 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: >16 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Recontouring pools, trash pickup **Other Management Needs:** Additional Management Actions Recommended: **Notes:** East mesa pools have a lot of annual weed cover. West pools have little annual weed cover and tamarisk.

Fiscal Year: 2022

Complex Name: Seabird Way

Management Actions Com	peleted
Visit Date: 2/28/2022	Start Time: 11:14 AM
Surveyors: Jason Allen	
Action(s) Completed: fenc	e install
Notes: Contracted crew pe	erformed fence installation.
Visit Date: 3/9/2022	Start Time: 9:46 AM
Surveyors: Jason Allen	
Action(s) Completed: fend	e install, sign install
Notes: Contracted crew pe	erformed fence install and sign install.

Fiscal Year: 2022	
risudi Tedi: 2022	
Complex Name: Serra Mesa Library (N7)	
Planning Unit: Central City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
Visit Date: 7/29/2021         Start Time: 1:48 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: New	Fire or Damage from Fire Supression:
Invasive Species in Pool:	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Restoration/Rever recommended	getation, Fence repair, Trash pickup, Grading/Recontouring, Regular patrols
Other Management Needs:	
-	
Additional Management Actions Recommended: Notes: Fence compromised and transient camp items f	found.
Notes: Fence compromised and transient camp items 1         Visit Date: 10/19/2021       Start Time: 4:13 PM	found.
Notes: Fence compromised and transient camp items f         Visit Date: 10/19/2021       Start Time: 4:13 PM         Surveyors: Jason Allen	found.
Notes: Fence compromised and transient camp items f         Visit Date: 10/19/2021       Start Time: 4:13 PM         Surveyors: Jason Allen         Site Conditions:	
Notes: Fence compromised and transient camp items f         Visit Date: 10/19/2021       Start Time: 4:13 PM         Surveyors: Jason Allen         Site Conditions:         Ponded Water: no       Days Since	found. e Last Rain: 6-15 Fairy Shrimp Visible:
Notes: Fence compromised and transient camp items f Visit Date: 10/19/2021 Start Time: 4:13 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? Absent	
Notes: Fence compromised and transient camp items for the second start Time: 4:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit:	e Last Rain: 6-15 Fairy Shrimp Visible:
Notes: Fence compromised and transient camp items for the second start Time: 4:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New
Notes: Fence compromised and transient camp items for the second start Time: 4:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: New	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression:
Notes: Fence compromised and transient camp items for the second start Time: 4:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New
Notes: Fence compromised and transient camp items for the second start Time: 4:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: New Damage to Fences and/or Signs: New Invasive Species in Pool: Ongoing	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Fence compromised and transient camp items for the second start of the second s	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Fence compromised and transient camp items for the second	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Notes: Fence compromised and transient camp items for the second	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Fence compromised and transient camp items for the second	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Notes: Fence compromised and transient camp items for the second	e Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: New Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: getation, Fence repair, Trash pickup, Grading/Recontouring, Regular patrols

Fiscal Year: 2022 Complex Name: Serra Mesa Library (N7) Start Time: 3:45 PM Visit Date: 12/8/2021 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Trash pickup, Sign install, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Checking up on plants installed last week. They look good and ready for upcoming rain storms. Visit Date: 12/22/2021 Start Time: 2:31 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Fire or Damage from Fire Supression: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Trash pickup, Grading/Recontouring, Regular patrols recommended, Sign install **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Checking on plants recently installed. Some plants munched down. Need to install additional plant protectors. No pooling after recent rains. Fencing repair is holding.

Fiscal Year: 2022 Complex Name: Serra Mesa Library (N7) Start Time: 12:32 PM Visit Date: 1/10/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds popping up. Some new plants being eaten. Visit Date: 1/27/2022 Start Time: 1:06 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, sign install, trash pickup, dump cleanup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds coming up. Installed plants looking great. Some trash and old dumps present. Weeds dying from recent weed control visit.

Fiscal Year: 2022

Complex Name: Serra Mesa Library (N7)		
Visit Date: 4/27/2022         Start Time: 3:50 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Sinc	e Last Rain: 1-5	Fairy Shrimp Visible:
Listed Plants Visible? absent		
New and Ongoing Issues Observed During Visit:		
Trash: ongoing	Tresspass/Un	authorized Use:
Damage to Fences and/or Signs:	Fire or Damag	ge from Fire Supression:
Invasive Species in Pool: ongoing	Damage from	Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological I	Impacts:
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, dethatching, tras	sh pickup, Regular pati	rols recommended
Other Management Needs:		
Additional Management Actions Recommended:		
Surveyors: Jason Allen Site Conditions:		
	e Last Rain: >16	Fairy Shrimp Visible:
Listed Plants Visible? absent		
New and Ongoing Issues Observed During Visit:		
Trash: ongoing	Tresspass/Un	authorized Use:
Damage to Fences and/or Signs: ongoing	Fire or Dama	ge from Fire Supression:
Invasive Species in Pool: ongoing	-	Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological I	Impacts:
Other issues observed:		
Are other issues new or ongoing?		
Grading/Recontouring, Regular patrols recommended	-	n, Fence repair, sign install, dump cleanup, trash pickup,
Other Management Needs:		
Additional Management Actions Recommended:		
<b>Notes:</b> Fence section needs to be repaired. Annual we site looking good. Some old brick and concrete dumps	_	ly dead. Tarweed abundant throughout site. Restoration

Fiscal Year: 2022

Complex Name: Serra Mesa Library (N7)

Complex Name: Serra Mes	
Management Actions Com	
Visit Date: 8/9/2021	Start Time: 11:52 AM
Surveyors: Jason Allen	
Action(s) Completed: Fenc	e repair
Notes: Fixed breached sect	ion of fence with wire.
Visit Date: 10/22/2021	Start Time: 2:26 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, Trash pickup
Notes: Contracted crew an also cleaned up abandoned	d City staff chipped non-native tree branches, treated non-native trees and treated annual weeds. Crew d camp and other trash.
Visit Date: 11/8/2021	Start Time: 8:22 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, Fence repair, Trash pickup
<b>Notes:</b> Contracted crew rer and new transient camp pr	moving invasive Eucalyptus, chipping branches, picking up trash and fence repair. Fence was breached resent.
Visit Date: 11/12/2021	Start Time: 2:58 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, Trash pickup
	rforming weed control removing Eucalyptus trees and biomass. City staff picked up trash.
Visit Date: 11/19/2021	Start Time: 8:23 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control
	rformed weed control by cutting and chipping Eucalyptus trees.
Visit Date: 12/1/2021	Start Time: 1:27 PM
Surveyors: Jason Allen	
-	d control, RestReveg, Trash pickup
	d control, restricting, reash pickup I weed control of annual weeds, Brazilian Pepper and Eucalyptus trees and trash pickup. Contracted
crew dug holes in preparat	
Visit Date: 12/2/2021	Start Time: 10:54 AM
Surveyors: Jason Allen	
Action(s) Completed: Restl	Reveg
	stalling 400 upland plants around the vernal pools.
Visit Date: 1/11/2022	Start Time: 3:17 PM
Surveyors: Jason Allen	
Action(s) Completed: Restl	Reveg, Weed control, Trash pickup
Notes: City staff installing p	plant protectors and performing weed control.
Visit Date: 3/11/2022	Start Time: 2:14 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, dethatching
	d weed control and dethatching.
	Appendix B-1

Fiscal Year: 2022	
Complex Name: Serra Mes	a Library (N7)
-	
Visit Date: 3/15/2022	Start Time: 8:28 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, dethatching
Notes: Contracted crew pe	rformed weed control and dethatching.
Visit Date: 5/3/2022	Start Time: 8:57 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	d control, dethatching
Notes: Contracted crew pe	rforned weed control and dethatching.
Visit Date: 5/23/2022	Start Time: 10:39 AM
Surveyors: Jason Allen	
Action(s) Completed: detha	atching, Weed control, trash pickup, dump cleanup
Notes: Contracted crew pe	rformed weed control, dethatching, dump cleanup and trash pickup.
Visit Date: 6/2/2022	Start Time: 3:11 PM
Surveyors: Jason Allen	
Action(s) Completed: restr	eveg
Notes: Contracted crew wa	atered native plant restoration site.
Visit Date: 6/6/2022	Start Time: 7:48 AM
Surveyors: Jason Allen	
Action(s) Completed: restr	eveg
Notes: Contracted crew wa	atered habitat restoration site.

Fiscal Year: 2022	
Complex Name: South Otay 1 acre (J13N)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Leve	el: Level 3
Qualitative Monitoring Data	
Visit Date: 7/23/2021 Start Time: 11:57 AN	Л
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sir	nce Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Additional Management Actions Recommended: Notes: Russian thistle, ice plant and invasive grasses installed. Visit Date: 11/16/2021 Start Time: 1:41 PM Surveyors: Jason Allen	s cover the sites. Concrete and other debris present. Fence needs to be
Site Conditions:	
	nce Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, R Grading/Recontouring, Regular patrols recommend Other Management Needs:	estoration/Revegetation, Fence install, Sign install, Dump cleanup, Trash pickup, ed
Additional Management Actions Recommended:	
Notes: Contracted crew performed weed control ar	nd detatching and piled up trash and debris.

Fiscal Year: 2022 Complex Name: South Otay 1 acre (J13N) Visit Date: 12/3/2021 Start Time: 2:23 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing Tresspass/Unauthorized Use: Ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Restoration/Revegetation, Fence install, Sign install, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Site needs dethatching, trash pickup and weed control. Thatch is less dense than surrounding areas because of previous dethatching efforts. Vehicles tracks through site. Needs fencing installed. Visit Date: 12/3/2021 Start Time: 2:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Dethatching, Weed control, Restoration/Revegetation, Fence install, Sign install, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended:

**Notes:** Checking up on removal of trash piles. Site needs a little more trash pickup, but looks much better. Site needs a lot of dethatching.

Fiscal Year: 2022 Complex Name: South Otay 1 acre (J13N) Start Time: 12:45 PM Visit Date: 12/23/2021 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 **Fairy Shrimp Visible:** Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing Tresspass/Unauthorized Use: Ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? **Management Needs: Other Management Needs:** Additional Management Actions Recommended: Notes: Dethatched North area sprouting back with invasive grasses. South area weed control is working on some annual weeds. Visit Date: 1/14/2022 Start Time: 2:40 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, fence install, trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Weed control keeping some weeds away and controlling russian thistle and filaree. Needs further weed control. Invasive grasses are abundant.

Fiscal Year: 2022

Complex Name: South Otay 1 acre (J13N) Start Time: 1:54 PM Visit Date: 2/28/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual grasses dominate area, but some natives struggle through. Old trash and dumps present. Need fence and sign installation. Future mitigation project still in the works. Start Time: 3:35 PM Visit Date: 3/9/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, sign install, trash pickup, dump cleanup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Button celery present and looking good. Annual grasses dominate the area. Weed control is starting to kill the weeds.

Fiscal Year: 2022

Complex Name: South Otay 1 acre (J13N)	
Visit Date: 4/1/2022         Start Time: 2:1	L9 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Da	ays Since Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Vis	sit:
Trash: ongoing	Tresspass/Unauthorized Use: ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dethatch Grading/Recontouring, Regular patrols recom	ing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, mended
Other Management Needs:	
	a still dominated by invasive annual grasses. A few button celery are holding on.
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2	a still dominated by invasive annual grasses. A few button celery are holding on.
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen	a still dominated by invasive annual grasses. A few button celery are holding on.
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen <u>Site Conditions:</u>	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Da	a still dominated by invasive annual grasses. A few button celery are holding on.
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Dis Listed Plants Visible? present	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Dis Listed Plants Visible? present New and Ongoing Issues Observed During Vision	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Da	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs:	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: sit: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: sit: Tresspass/Unauthorized Use: ongoing
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs:	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: sit: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Da Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: sit: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Date Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: hing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup,
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Date Listed Plants Visible? present New and Ongoing Issues Observed During Vise Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatch	ea still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: hing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup,
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Date Listed Plants Visible? present New and Ongoing Issues Observed During Vision Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatch Grading/Recontouring, Regular patrols recom	aa still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: hing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, mended
Notes: Some weed control is working, but are Visit Date: 4/8/2022 Start Time: 2:2 Surveyors: Jason Allen Site Conditions: Ponded Water: no Di- Listed Plants Visible? present New and Ongoing Issues Observed During Vis Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatch Grading/Recontouring, Regular patrols recom Other Management Needs: Additional Management Actions Recommend	aa still dominated by invasive annual grasses. A few button celery are holding on. 27 PM ays Since Last Rain: 6-15 Fairy Shrimp Visible: <u>sit:</u> Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: hing, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, mended

Fiscal Year: 2022

Complex Name: South Otay 1 acre (J13N) Start Time: 2:59 PM Visit Date: 5/18/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, fence install, dump cleanup, trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Southern parcel with vernal pools. Some annual weeds present and alive. Annual grasses all dead. Trash pickup needed for little pieces. Start Time: 11:51 AM Visit Date: 5/27/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, trash pickup, Restoration/Revegetation, fence install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Grass thatch covering vernal pools and surrounding areas. Needs restoration, trash pickup and fencing.

Fiscal Year: 2022	
Complex Name: South Otay	1 acre (J13N)
Management Actions Comp	eleted
Visit Date: 11/1/2021	Start Time: 8:07 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, Dethatching, Trash pickup
Notes: Contracted crew per	forming weed control and dethatching.
Visit Date: 11/30/2021	Start Time: 2:02 PM
Surveyors: Jason Allen	
Action(s) Completed: Trash	pickup, Dump cleanup
Notes: Contracted crew pick	ed up and disposed of trash piles that were collected during last maintenance visit.
Visit Date: 12/6/2021	Start Time: 3:37 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, Dethatching
Notes: City staffed mowed g	rass thatch and russian thistle.
Visit Date: 12/13/2021	Start Time: 12:27 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control of annual weeds.
Visit Date: 1/26/2022	Start Time: 1:41 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 2/28/2022	Start Time: 1:51 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 4/8/2022	Start Time: 2:35 PM
Surveyors: Jason Allen	
Action(s) Completed: add re	eplace lock, sign install
Notes: City staff performed	lock replacement. City staff performed sign installation.
Visit Date: 4/25/2022	Start Time: 8:09 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew per	formed weed control, dethatching and trash pickup.
Visit Date: 5/27/2022	Start Time: 11:58 AM
Surveyors: Jason Allen	
Action(s) Completed: trash	pickup
Notes: City staff performed	trash pickup.

Fiscal Year: 2022				
Complex Name: Stowe				
Planning Unit: North	City or Other? City	Managir	ing Department: Parks & Recreation	
VPHCP Required Managem	ent and Monitoring Level: No	ne		
Qualitative Monitoring Dat	а			
Visit Date: 4/18/2022	Start Time: 4:09 PM			
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: no	Days Since La	st Rain: >16	Fairy Shrimp Visible:	
Listed Plants Visibl	e? absent			
New and Ongoing Issues O	bserved During Visit:			
Trash:		Tresspass/U	Jnauthorized Use: ongoing	
Damage to Fences	and/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in	Pool: ongoing	Damage from Edge Effects:		
Invasive Species in Buffer: ongoing		Hydrological	Hydrological Impacts:	
Other issues obser	ved:			
Are other issues no	ew or ongoing?			
Management Needs: Weed Regular patrols recommend		tion/Revegetatio	on, fence install, sign install, Grading/Recontouring,	
Other Management Needs	:			
Additional Management A	ctions Recommended:			
Notes: Annual grasses and	weeds in and around pools. Ba	rricades blocking	g access to northern pools.	

Fiscal Year: 2022	
Complex Name: Tecolote Canyon (QQ)	
Planning Unit: Central City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
Visit Date:         10/19/2021         Start Time:         3:28 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Other Management Needs: Additional Management Actions Recommended: Notes: Add fence and signs to discourage trespass.	
Visit Date: 10/19/2021 Start Time: 2:38 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Restoration/Reve Regular patrols recommended	getation, Fence install, Sign install, Trash pickup, Grading/Recontouring,
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Some stinkwort that was pulled. Some broken	glass and other trash on site. Psilocarphus in two pools.

Fiscal Year: 2022

Complex Name: Tecolote Canyon (QQ) Start Time: 9:19 AM Visit Date: 2/25/2022 Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 **Fairy Shrimp Visible:** Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: fence install, sign install, trash pickup, Weed control, dethatching, Restoration/Revegetation, Regular patrols recommended, Grading/Recontouring **Other Management Needs:** Additional Management Actions Recommended: Notes: Vehicle tracks in pools most likely from maintenance vehicles for electrical lines. Annual weeds and grasses present in pools. Some trash present. Management Actions Compeleted Visit Date: 10/19/2021 Start Time: 3:00 PM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: Pulled stinkwort and removed. Visit Date: 2/24/2022 Start Time: 7:57 AM Surveyors: Jason Allen Action(s) Completed: fence install, dethatching, Weed control Notes: Contracted crew performed weed control, dethatching and fence installation.

Fiscal Year: 2022	
Complex Name: West Otay B (J32)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
<b>Visit Date:</b> 12/3/2021 <b>Start Time:</b> 1:22 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dump cleanup, T	rash pickup, Regular patrols recommended
present.	present in area surrounding preserve. Oncosiphon and Dittrichia from last yea
Visit Date:         12/23/2021         Start Time:         10:53 AM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: 6-15 Fairy Shrimp Visible: Absent
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	t Dump doopup. Trach pickup. Dogular patrole recommended
wanagement weeds: weed control, Sign replacement	t, Dump cleanup, Trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual grasses and weeds starting to come up	around pools and outer buffer. One pool at South has standing water.

Fiscal Year: 2022				
Complex Name: West Otay B (J32)				
Visit Date: 1/14/2022 Start Time: 12:27 PM	1			
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: yes Days Sir	nce Last Rain: >16	Fairy Shrimp Visible: present		
Listed Plants Visible? wrong_time				
New and Ongoing Issues Observed During Visit:				
Trash:	Tresspass/Un	nauthorized Use:		
Damage to Fences and/or Signs:	Fire or Dama	ge from Fire Supression:		
Invasive Species in Pool: ongoing	Damage from	n Edge Effects:		
Invasive Species in Buffer: ongoing	Hydrological	Impacts:		
Other issues observed:				
Are other issues new or ongoing?				
Management Needs: Weed control, Regular patrols	recommended, sign in:	stall		
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Visited site for USFW, CDFW review.				
Visit Date: 1/20/2022 Start Time: 1:23 PM				
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: yes Days Sir	nce Last Rain: 1-5	Fairy Shrimp Visible: present		
Listed Plants Visible? present				
New and Ongoing Issues Observed During Visit:				
Trash: ongoing	Tresspass/Un	nauthorized Use:		
Damage to Fences and/or Signs:	Fire or Dama	Fire or Damage from Fire Supression:		
Invasive Species in Pool: ongoing	Damage from	n Edge Effects:		
Invasive Species in Buffer: ongoing	Hydrological	Impacts:		
Other issues observed:				
Are other issues new or ongoing?				
Management Needs: Weed control, trash pickup, si	gn install, Regular patro	ols recommended		
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Some pools have water. Weeds popping up.	Road pool outside fenc	ed area holding water.		

Fiscal Year: 2022

Complex Name: West Otay B (J32)

Visit Date: 3/14/2022 Start Time:	1:19 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 6-15Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During	<u>; Visit:</u>
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Resto	ration/Revegetation, sign install, Regular patrols recommended, Grading/Recontouring
Other Management Needs:	
_	
Additional Management Actions Recomm	iended:
<b>Notes:</b> Button celery and Otay Mesa mint in season working.	doing well. Road pools that have been fenced doing well also. Weed control from earlier

Fiscal Year: 2022

Complex Name: West Otay B (J32)

Management Actions Comp	eleted
Visit Date: 12/3/2021	Start Time: 1:10 PM
Surveyors: Jason Allen	
Action(s) Completed: Trash	pickup, Dump cleanup
Notes: Contracted crew pick	ked up trash and dumps. More items to pickup in the future.
Visit Date: 12/6/2021	Start Time: 8:06 AM
Surveyors: Jason Allen	
Action(s) Completed: Dump	o cleanup, Trash pickup
Notes: Contracted crew clea	aned up old dumps and trash.
Visit Date: 12/23/2021	Start Time: 10:45 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control of annual weeds outside the fence. Some oncosiphon popping up.
Visit Date: 1/20/2022	Start Time: 1:20 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 2/2/2022	Start Time: 12:03 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 3/16/2022	Start Time: 11:47 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew per	formed weed control and dethatching.

Fiscal Year: 2022		
Complex Name: West Otay C (J32)		
Planning Unit:         South         City or Other?         City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Le	evel 1	
Qualitative Monitoring Data		
Visit Date:         12/3/2021         Start Time:         1:36 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since La	ast Rain: >15 Fairy Shrimp Visible:	
Listed Plants Visible? Wrong_Time		
New and Ongoing Issues Observed During Visit:		
Trash: New	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Grading/Recontouring, Regular patrols recommended, Er Other Management Needs: Additional Management Actions Recommended:	ation/Revegetation, Fence install, Sign install, Trash pickup, rosionControl	
<b>Notes:</b> Thatch layer around road pools. Additional fence access around pools.	posts needed to restrict access from road pools. Signs needed to direct	
Visit Date: 12/23/2021         Start Time: 11:43 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since La	ast Rain: 6-15 Fairy Shrimp Visible:	
Listed Plants Visible? Wrong_Time		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
	tation, Sign install, Grading/Recontouring, Regular patrols recommended,	
Other Management Needs:		
Additional Management Actions Recommended:		
Notes: New fence around road pools still intact. Graffiti c	on one sign. Grass and annual weeds popping up. Thatch removal needed.	

Fiscal Year: 2022 Complex Name: West Otay C (J32) Visit Date: 1/20/2022 Start Time: 3:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 **Fairy Shrimp Visible:** Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, sign install, trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: No standing water in pools. Grass and weeds in and around pools. Visit Date: 3/14/2022 Start Time: 1:00 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: absent Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended, sign install **Other Management Needs:** Additional Management Actions Recommended: Notes: Otay mesa mint and Button celery doing well. Some pools still have standing water with tadpoles. Stinknet present around a few pools.

Fiscal Year: 2022

Complex Name: West Otay C (J32)

Management Actions Com	peleted
Visit Date: 12/3/2021	Start Time: 1:00 PM
Surveyors: Jason Allen	
Action(s) Completed: Fend	ce install, ErosionControl
Notes: Contracted crew in erosion.	stalled fence along edge of path to protect road pools. Crew smoothed out path surface to prevent
Visit Date: 12/6/2021	Start Time: 8:00 AM
Surveyors: Jason Allen	
Action(s) Completed: Fend	ce install, Dethatching
Notes: Contracted crew in	stalling fence around road pools.
Visit Date: 2/2/2022	Start Time: 9:08 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control
Notes: City staff performed	d weed control.
Visit Date: 3/16/2022	Start Time: 7:55 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching
Notes: Contracted crew pe	erformed weed control and dethatching.

viilei Quantative i	Nonitoring and Management Actions
Fiscal Year: 2022	
Complex Name: Wruck Canyon (J16-18)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
<b>Visit Date:</b> 7/23/2021 <b>Start Time:</b> 2:28 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	e Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs: Ongoing	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Additional Management Actions Recommended: Notes: Trespassing noticed near vernal pools. Fence r	needs to be installed around the mesa top.
Visit Date: 12/3/2021 Start Time: 3:19 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? Wrong_Time	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use: Ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Dethatching, Res Grading/Recontouring, Regular patrols recommended	toration/Revegetation, Fence install, Sign install, Trash pickup,
Other Management Needs:	
Additional Management Actions Recommended:	
<b>Notes:</b> Site needs dethatching and trash pickup. Signs access.	s of vehicle access into preserve area. Fence and signage needed to restrict

Fiscal Year: 2022 Complex Name: Wruck Canyon (J16-18) Visit Date: 12/23/2021 Start Time: 1:50 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Wrong Time New and Ongoing Issues Observed During Visit: Trash: Ongoing Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching, Restoration/Revegetation, Fence install, Sign install, Dump cleanup, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Annual weeds popping up. Thatch layer present. Old dump debris. Thick invasive plant thatch surrounding mesa. Mesa needs fence to protect vernal pools. Visit Date: 2/28/2022 Start Time: 3:22 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: **Tresspass/Unauthorized Use:** Trash: ongoing Damage to Fences and/or Signs: ongoing Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, fence install, sign install, dump cleanup, trash pickup, Regular patrols recommended, Grading/Recontouring **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Annual weeds present throughout, but also lots of annual wild flowers. Trash present.

Fiscal Year: 2022

Complex Name: Wruck Canyon (J16-18) Visit Date: 5/18/2022 Start Time: 3:58 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: >16 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, dump cleanup, sign install, fence install, Regular patrols recommended, Grading/Recontouring **Other Management Needs:** Additional Management Actions Recommended: Notes: Tarweed abundant throughout. Annual grasses and weeds are dead. Some trash on edge of mesa. Management Actions Compeleted Visit Date: 3/16/2022 Start Time: 11:47 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup **Notes:** City staff performed weed control, dethatching and trash pickup. Visit Date: 5/24/2022 Start Time: 4:45 PM Surveyors: Jason Allen Action(s) Completed: dethatching, Weed control Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2022				
Complex Name: Eastgate Miran	nar Associated			
Planning Unit: North	City or Other? Other	Managin	g Department:	
VPHCP Required Management	and Monitoring Level: Non	e		
Qualitative Monitoring Data				
Visit Date: 5/17/2022	Start Time: 3:02 PM			
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: no	Days Since Last	t Rain: >16	Fairy Shrimp Visible:	
Listed Plants Visible? p	present			
New and Ongoing Issues Obser	ved During Visit:			
Trash: ongoing		Tresspass/Ur	authorized Use:	
Damage to Fences and	/or Signs:	Fire or Damage from Fire Supression:		
Invasive Species in Poo	l: ongoing	Damage fron	Edge Effects:	
Invasive Species in But	fer: ongoing	Hydrological	Impacts:	
Other issues observed	:			
Are other issues new o	or ongoing?			
Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, Regular patrols recommended				
Other Menegement Needer				
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Lots of trash inside fence. Annual weeds throughout. Pampas grass within fenced area.				

# Appendix B-2

# **2022 Vernal Pool Quantitative Monitoring Datasheets**

#### Fiscal Year: 2022

#### **Complex Name:** Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 42

2003 Baseline Survey Data	1			
Baseline Cover of ERAR: 63.0 Baseline Cover of POAB: 0.0		Baseline Cover of I	NAFO: 3.0	Baseline Cover of ORCA: 0.0
		Baseline Cover of PONU: 38.0		
2021 Quantitative Monito	ring Data			
Survey Date: 5/2/2022	Survey Sta	art Time: 01:57 PM	Survey En	<b>d Time:</b> 02:15 PM
Surveyors: Sara Allen, Sara	h McCutcheon			
VPHCP Covered Species Pr	esent: ERAR			
Cover of ERAR in Basin: 1-5% Co		Cover of NAFO in E	Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:		Cover of PONU in Basin:		
Other Native Species in Po	ol:			
Spacios Namo				Covor

Species Name	Cover
Deinandra fasciculata - fascicled tarweed	<1%
Deschampsia danthonioides - annual hair grass	<1%
Eleocharis macrostachya - pale spike-rush	1-5%
Epilobium campestre - smooth boisduvalia	<1%
Navarretia hamata - hooked skunkweed	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	5-10%
Cover of Other Native Species in Basin: Other Native Spe	ecies Richness in Basin: 10

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess <1%	
Bromus madritensis - foxtail chess <1%	
Centaurea melitensis - tocalote 1-5%	
Dittrichia graveolens - stinkwort 1-5%	
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	1-5%
<i>Lysimachia arvensis</i> - scarlet pimpernel <1%	
Polypogon monspeliensis - rabbitfoot grass <1%	
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 42

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bloomeria crocea - common goldenstar
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha sp.
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dipterostemon capitatus - blue dicks
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Complex Name: Cal Terraces (North), Ot	Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 1.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/2/2022 Survey Sta	art Time: 12:26 PM Survey End	Time: 12:44 PM
Surveyors: Sara Allen, Sarah McCutcheor	1	
VPHCP Covered Species Present: POAB,	NAFO, ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Baccharis sarothr	oides - broom baccharis	1-5%
Crassula connata - pygmy-weed		<1%
Deinandra fasciculata - fascicled tarweed		1-5%
Deschampsia danthonioides - annual hair grass		<1%
Epilobium campestre - smooth boisduvalia		50_75
Laennecia coulteri - Coulter's horseweed		<1%
	<i>ta</i> - hooked skunkweed	<1%
Navarretia hama		
	r. <i>brevissimus</i> - dwarf woollyheads	5-10%

Cover	
<1%	
1-5%	
1-5%	
1-5%	
5-10%	
<1%	
<1%	
<1%	

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 10Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 51

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Hedypnois rhagadioloides - crete weed
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Ricinus communis - castor bean
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Fiscal Year: 2022		
Complex Name: Cal Terraces (North), Ot	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 67
2003 Baseline Survey Data		
Baseline Cover of ERAR: 3.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 63.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/26/2022 Survey St	art Time: 03:05 PM Survey End	Time: 03:19 PM
Surveyors: James Davis, Anahi Mendez L	ozano	
VPHCP Covered Species Present: PONU,	ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Baccharis sarothi	Baccharis sarothroides - broom baccharis	
Crassula con	Crassula connata - pygmy-weed	
Cylindropuntia	Cylindropuntia prolifera - coast cholla	
Deinandra fascico	Deinandra fasciculata - fascicled tarweed	
Deschampsia danth	Deschampsia danthonioides - annual hair grass	
Navarretia hama	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
Sisyrinchium bellum	Sisyrinchium bellum - western blue-eyed-grass	
Cover of Other Native Species i	n Basin: Other Native Sp	ecies Richness in Basin: 10
Nonnative Species in Pool:		
	cies Name	Cover
	deaceus - soft chess	1-5%
		1-5%
	Bromus madritensis - foxtail chess	

Bromus madritensis - foxtail chess	1-5%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Gastridium phleoides - nit grass	1-5%
Lysimachia arvensis - scarlet pimpernel	1-5%
Medicago polymorpha - California burclover	<1%
Phalaris minor - little-seeded canary grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 25-50%Nonnative Species Richness in Basin: 10Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 1-5Ponded Water Present: noDead Species Present in Pool:

Appendix B-2 6

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 67

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Muhlenbergia rigens - deer grass
Navarretia hamata - hooked skunkweed
Phalaris minor - little-seeded canary grass
Plagiobothrys acanthocarpus - adobe popcornflower
Pseudognaphalium biolettii - bicolor cudweed
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Fiscal Year: 2022 Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VD ID: 70
	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 78
2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 1.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2021 Quantitative Monitoring Data		
	art Time: 01:04 PM Survey End	Time: 01:45 PM
Surveyors: Sara Allen, Danelle Gadia		
VPHCP Covered Species Present: PONU,		
Cover of ERAR in Basin: 10-25%		Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 10-25%	
Other Native Species in Pool:		Cover
	Species Name	
	Baccharis sarothroides - broom baccharis	
	prolifera - coast cholla	<1%
	onioides - annual hair grass	1-5% 10-25%
	Eleocharis macrostachya - pale spike-rush	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Sisyrinchium bellum - western blue-eyed-grass		<1%
Cover of Other Native Species i	n Basin: Other Native Sp	ecies Richness in Basin: 8
Nonnative Species in Pool:		
Species Name		Cover
Avena barba	Avena barbata - slender wild oat	
Beta vulgaris s	Beta vulgaris ssp. maritima - sea beet	
Bromus hore	Bromus hordeaceus - soft chess	
Bromus madı	Bromus madritensis - foxtail chess	
Erodium cicuto	Erodium cicutarium - redstem filaree	
Festuca myuros	- rattail sixweeks grass	<1%
Festuca pe	erennis - rye grass	<1%
Lamarckia	<i>aurea</i> - golden-top	<1%
Lysimachia arve	<i>nsis</i> - scarlet pimpernel	<1%
Phalaris minor - l	ittle-seeded canary grass	<1%

Cover of Nonnative Species in Basin: 25-50% Nonnative Species Richness in Basin: 15

Sonchus asper ssp. asper - prickly sow thistle

Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: 5-10% Days Since Last Rain: 0 Ponded Water Present: no **Dead Species Present in Pool:** 

<1%

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

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VP ID: 78
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2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Distichlis spicata - salt grass
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
<i>Lamarckia aurea -</i> golden-top
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Rosa minutifolia - small-leaved rose
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Stipa lepida - foothill needle grass

omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 89
03 Baseline Survey Data		
aseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
aseline Cover of POAB: 0.0 Baseline Cover of PONU: 63.0		
21 Quantitative Monitoring Data		
Irvey Date: 4/26/2022 Survey Sta	art Time: 02:06 PM Survey End	l <b>Time:</b> 02:56 PM
irveyors: Sara Allen, Danelle Gadia		
PHCP Covered Species Present: PONU,	ERAR	
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of POAB in Basin:Cover of PONU in Basin: 10-25%	
ther Native Species in Pool:		
Spe	Species Name	
Artemisia californi	Artemisia californica - California sagebrush	
Cylindropuntia	orolifera - coast cholla	<1%
Deschampsia dantho	onioides - annual hair grass	<1%
Eriogonum fascicula	<i>tum -</i> California buckwheat	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%
Stipa lepida -	Stipa lepida - foothill needle grass	
<b>Cover of Other Native Species in</b>	Cover of Other Native Species in Basin: Other Native Spe	
nnative Species in Pool:		
	cies Name	Cover
Bromus hora	eaceus - soft chess	<1%
Bromus madri	Bromus madritensis - foxtail chess	
Festuca myuros	Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass		<1%
Lactuca serriola - prickly lettuce		<1%
Lysimachia arvei	Lysimachia arvensis - scarlet pimpernel	
Sonchus asper ssp.	asper - prickly sow thistle	<1%
Sonchus oleraceus - common sow thistle		<1%

Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 1-5Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 89

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Complex Name: Cal Terraces (North), Ota	y Mesa Road Parcels (J2)	<b>VP ID:</b> 96
2003 Baseline Survey Data		
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 3.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/26/2022 Survey Star	t Time: 02:02 PM Survey End	l Time: 02:16 PM
Surveyors: James Davis, Anahi Mendez Loz	ano	
/PHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Amsinckia intermed	<i>ia</i> - common fiddleneck	<1%
Deschampsia danthor	nioides - annual hair grass	<1%
Eleocharis macrost	achya - pale spike-rush	5-10%
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	5-10%
Sisyrinchium bellum -	western blue-eyed-grass	<1%
Cover of Other Native Species in	Basin: Other Native S	ecies Richness in Basin: 5
Ionnative Species in Pool:		
	es Name	Cover
Bromus horde	aceus - soft chess	<1%
Bromus madrite	ensis - foxtail chess	1-5%
Centaurea me	elitensis - tocalote	<1%
Festuca myuros -	rattail sixweeks grass	<1%
Gastridium ph	leoides - nit grass	<1%
Lactuca serrio	la - prickly lettuce	<1%
Salsola tragus	s - Russian thistle	<1%
Cover of Nonnative Species in Ba	sin: 5-10% Nonnative Spe	cies Richness in Basin: 6
Bare Ground Cover in Basin: 5-10	% Cover of Rocks/Cobble in Basi	in: 10-25% Cover of Litter in Basin: 1-5%
Days Since Last Rain: 1-5	Ponded Water Present: no	

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 96

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Distichlis spicata - salt grass
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Mesembryanthemum crystallinum - crystalline iceplant
Rosa minutifolia - small-leaved rose
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

omplex Name: Cal Terraces (North), O	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 100
003 Baseline Survey Data		
aseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0
aseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
021 Quantitative Monitoring Data		
urvey Date: 4/26/2022 Survey St	art Time: 12:33 PM Survey En	<b>d Time:</b> 01:11 PM
urveyors: James Davis, Anahi Mendez L	ozano	
PHCP Covered Species Present: PONU,	ERAR	
Cover of ERAR in Basin: 25-50%	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
ther Native Species in Pool:		
Spe	ecies Name	Cover
Deschampsia danth	onioides - annual hair grass	<1%
Eleocharis macro	<i>stachya</i> - pale spike-rush	10-25%
Epilobium campe	<i>stre</i> - smooth boisduvalia	<1%
Psilocarphus brevissimus va	nr. <i>brevissimus</i> - dwarf woollyheads	10-25%
Cover of Other Native Species i	n Basin: Other Native	Species Richness in Basin: 10
Ionnative Species in Pool:		
	ecies Name	Cover
Bromus hor	<i>deaceus</i> - soft chess	1-5%
Bromus madi	ritensis - foxtail chess	<1%
Festuca myuros	- rattail sixweeks grass	1-5%
	<i>iola</i> - prickly lettuce	<1%
Polypogon monsp	eliensis - rabbitfoot grass	<1%
Sonchus asper ssp	asper - prickly sow thistle	<1%
Cover of Nonnative Species in I		ecies Richness in Basin: 7

 Bare Ground Cover in Basin: 5-10%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: 5-10%

 Days Since Last Rain: 1-5
 Ponded Water Present: no
 Cover of Litter in Basin: 5-10%

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 100

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Mesembryanthemum crystallinum - crystalline iceplant
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (North), O	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 295
2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2021 Quantitative Monitoring Data		
	art Time: 10:52 AM Survey End	Time: 10:54 AM
Surveyors: Sara Allen, James Davis, Dane	-	
/PHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
	cies Name	Cover
	roides - broom baccharis	<1%
Deschampsia danth	onioides - annual hair grass	<1%
	stachya - pale spike-rush	5-10%
	stre - smooth boisduvalia	<1%
	r. <i>brevissimus</i> - dwarf woollyheads	<1%
Cover of Other Native Species i	•	oecies Richness in Basin: 7
-		
Nonnative Species in Pool:		
	ecies Name	Cover
	ritensis - foxtail chess	<1%
-	- rattail sixweeks grass	<1%
Festuca pe	erennis - rye grass	1-5%
	<i>iola</i> - prickly lettuce	<1%
		-10/
Sonchus asper ssp.	<i>asper</i> - prickly sow thistle	<1%

Days Since Last Rain: 1-5 Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 295

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Distichlis spicata - salt grass
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Malosma laurina - laurel sumac
Mesembryanthemum crystallinum - crystalline iceplant
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass

Fiscal Year: 2022			
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 301	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 37.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/27/2022 Survey Sta	rt Time: 08:33 AM Survey End	l <b>Time:</b> 09:38 AM	
Surveyors: Jason Allen, Amy Mattson, Jon	athan Mercado		
VPHCP Covered Species Present: PONU, E	RAR		
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 5-10%		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Deinandra fascicu	lata - fascicled tarweed	<1%	
Deschampsia dantho	nioides - annual hair grass	1-5%	
Eleocharis macros	<i>tachya</i> - pale spike-rush	<1%	
Erigeron cana	<i>densis</i> - horseweed	<1%	
Navarretia hamat	a - hooked skunkweed	<1%	
Plantago elong	<i>ata</i> - prairie plantain	<1%	
Plantago erecto	a - dot-seed plantain	<1%	
Psilocarphus brevissimus var	. <i>brevissimus</i> - dwarf woollyheads	10-25%	
Cover of Other Native Species in	Basin: Other Native Sp	pecies Richness in Basin: 12	
Nonnative Species in Pool:			
Spec	ies Name	Cover	
Bromus madrit	tensis - foxtail chess	<1%	
Centaurea m	elitensis - tocalote	<1%	
Erodium cicutar	<i>ium</i> - redstem filaree	<1%	
Festuca myuros -	rattail sixweeks grass	1-5%	
Gastridium p	hleoides - nit grass	1-5%	
Lactuca serric	Lactuca serriola - prickly lettuce		

Sonchus asper ssp. asper - prickly sow thistle Sonchus oleraceus - common sow thistle

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 12

1-5%

<1%

Bare Ground Cover in Basin: 1-5% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: 1-5% Days Since Last Rain: 1-5 Ponded Water Present: no

**Dead Species Present in Pool:** 

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 301

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

	Species Name
A	mbrosia chenopodiifolia - San Diego bur-sage
	Artemisia californica - California sagebrush
	Atriplex canescens - four-wing saltbush
	Bahiopsis laciniata - San Diego viguiera
Bi	rachypodium distachyon - purple false brome
	Bromus diandrus - ripgut grass
	Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
	Centaurea melitensis - tocalote
Cylind	ropuntia californica var. californica - snake cholla
	Daucus pusillus - rattlesnake weed
	Deinandra fasciculata - fascicled tarweed
D	eschampsia danthonioides - annual hair grass
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Erodium botrys - long-beak filaree/storksbill
	Erodium cicutarium - redstem filaree
	Erodium moschatum - greenstem filaree
Eryngiur	n aristulatum var. parishii - San Diego button-celery
	Euphorbia misera - cliff spurge
Fe	rocactus viridescens - San Diego barrel cactus
	Festuca myuros - rattail sixweeks grass
	Festuca perennis - rye grass
	Logfia gallica - daggerleaf cottonrose
Meser	mbryanthemum crystallinum - crystalline iceplant
N	<i>lirabilis laevis</i> var. <i>crassifolia</i> - wishbone bush
Pla	agiobothrys collinus - Cooper's popcornflower
	Pogogyne nudiuscula - Otay mesa mint
Pseud	dognaphalium stramineum - cotton-batting plant
	Rhus integrifolia - lemonade berry
	Salsola tragus - Russian thistle
	Selaginella cinerascens - ashy spike-moss
	Simmondsia chinensis - jojoba
	Stipa lepida - foothill needle grass
	Stipa pulchra - purple needle grass
	Yucca schidigera - Mojave yucca

Notes: Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022		
Complex Name: Cal Terraces (North), O	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 445
2003 Baseline Survey Data		
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/27/2022 Survey St	tart Time: 09:43 AM Survey End	<b>Time:</b> 10:51 AM
Surveyors: Jason Allen, Amy Mattson, Jo	onathan Mercado	
VPHCP Covered Species Present: PONU,	, NAFO, ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 5-10%	
Other Native Species in Pool:		
· · · ·	ecies Name	Cover
-	ulata - fascicled tarweed	<1%
	<i>oonioides</i> - annual hair grass	<1%
Eleocharis macro	<i>stachya</i> - pale spike-rush	1-5%
Juncus bu	<i>fonius</i> - toad rush	<1%
Navarretia hama	ata - hooked skunkweed	<1%
	ar. <i>brevissimus</i> - dwarf woollyheads	25-50%
Cover of Other Native Species		25-50% pecies Richness in Basin: 14
Cover of Other Native Species		
Cover of Other Native Species Nonnative Species in Pool: Spe	in Basin: Other Native Sp	pecies Richness in Basin: 14
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor	in Basin: Other Native Sp ecies Name	oecies Richness in Basin: 14 Cover
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor Bromus made	in Basin: Other Native Species Name deaceus - soft chess	cover <1%
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hor Bromus mad Centaurea r	in Basin: Other Native Species Name deaceus - soft chess ritensis - foxtail chess	Cover <1% <1%
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor Bromus made Centaurea in Erodium cicuto	in Basin: Other Native Species Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote	Cover <1% <1% <1%
Cover of Other Native Species in Nonnative Species in Pool: Bromus hor Bromus mad Centaurea in Erodium cicuto Festuca myuros	in Basin: Other Native Species Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote	Cover <1% <1% <1% <1% <1% <1%
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor Bromus mad. Centaurea in Erodium cicuto Festuca myuros Festuca p	in Basin: Other Native Sp ecies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree s - rattail sixweeks grass	Cover           <1%
Cover of Other Native Species in Nonnative Species in Pool: Bromus hor Bromus made Centaurea in Erodium cicuto Festuca myuros Festuca p Gastridium	in Basin: Other Native Sp ecies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree s - rattail sixweeks grass erennis - rye grass	Cover         <1%
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor Bromus mad Centaurea in Erodium cicuto Festuca pu Gastridium Hypochaeris gl	in Basin: Other Native Spaces Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree s - rattail sixweeks grass erennis - rye grass phleoides - nit grass	Cover         <1%
Cover of Other Native Species in Nonnative Species in Pool: Species in Pool: Bromus hor Bromus made Centaurea in Centaurea in Erodium cicuto Festuca myuros Festuca p Gastridium Hypochaeris gli Lactuca seri	in Basin: Other Native Spaces ecies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree arium - redstem filaree s - rattail sixweeks grass erennis - rye grass phleoides - nit grass abra - smooth cat's-ear	Cover         <1%
Cover of Other Native Species in Pool:         Nonnative Species in Pool:         Species in Pool:         Species in Pool:         Bromus hor         Bromus made         Centaurea n         Erodium cicute         Festuca myuros         Festuca p         Gastridium         Lactuca seri         Lysimachia arve	in Basin: Other Native Spaces Accies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree s - rattail sixweeks grass erennis - rye grass phleoides - nit grass abra - smooth cat's-ear riola - prickly lettuce	Cover         <1%
Cover of Other Native Species in Pool:         Nonnative Species in Pool:         Species in Pool:         Bromus hor         Bromus made         Centaurea r         Centaurea r         Festuca myuros         Festuca p         Gastridium         Hypochaeris gli         Lactuca serri         Polypogon monsp	in Basin: Other Native Spaces ecies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree arium - redstem filaree s - rattail sixweeks grass erennis - rye grass erennis - rye grass abra - smooth cat's-ear riola - prickly lettuce	Cover         <1%
Cover of Other Native Species in Pool:         Nonnative Species in Pool:         Species in Pool:         Bromus hor         Bromus hor         Bromus made         Centaurea n         Centaurea n         Festuca myuros         Festuca p         Gastridium         Lactuca sern         Polypogon monsp         Pseudognaphalium luteoal	in Basin: Other Native Spaces ecies Name deaceus - soft chess ritensis - foxtail chess melitensis - tocalote arium - redstem filaree s - rattail sixweeks grass erennis - rye grass phleoides - nit grass abra - smooth cat's-ear ciola - prickly lettuce ensis - scarlet pimpernel ensis - rabbitfoot grass	Cover         <1%

Days Since Last Rain: 1-5 Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 445

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Lactuca serriola - prickly lettuce
Mirabilis laevis var. crassifolia - wishbone bush
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 447	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/27/2022 Survey Sta	rt Time: 10:58 AM Survey End	<b>1 Time:</b> 11:39 AM	
Surveyors: Jason Allen, Amy Mattson, Jon	athan Mercado		
VPHCP Covered Species Present: NAFO, E	RAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	Species Name		
Eleocharis macros	<i>tachya -</i> pale spike-rush	1-5%	
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Cover of Other Native Species in	Basin: Other Native S	pecies Richness in Basin: 9	
Nonnative Species in Pool:			
Spec	Cover		
Bromus hord	Bromus hordeaceus - soft chess		
	<1%		
Bromus madri	lensis - Toxtall chess		
	- rattail sixweeks grass	<1%	
Festuca myuros -		<1% 1-5%	
Festuca myuros - Lactuca serrio	- rattail sixweeks grass		
Festuca myuros - Lactuca serrio	- rattail sixweeks grass ola - prickly lettuce asper - prickly sow thistle	1-5%	
Festuca myuros - Lactuca serrio Sonchus asper ssp. o Cover of Nonnative Species in Ba	- rattail sixweeks grass ola - prickly lettuce asper - prickly sow thistle asin: 1-5% Nonnative Spe	1-5% 1-5%	
Festuca myuros - Lactuca serrio Sonchus asper ssp. o Cover of Nonnative Species in Ba	- rattail sixweeks grass ola - prickly lettuce asper - prickly sow thistle asin: 1-5% Nonnative Spe	1-5% 1-5% cies Richness in Basin: 14	

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 447

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Distichlis spicata - salt grass
Encelia californica - California encelia
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Laennecia coulteri - Coulter's horseweed
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Verbena menthifolia - mint-leaf vervain
Yucca schidigera - Mojave yucca

**Notes:** Psilocarphus brevisimus from last year counted as litter.

2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/27/2022 Survey S	tart Time: 01:02 PM Survey E	nd Time: 01:45 PM
Surveyors: Amy Mattson, Jonathan Mer	cado	
/PHCP Covered Species Present: PONU	ERAR	
<b>Cover of ERAR in Basin:</b> <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 5-109	%
ther Native Species in Pool:		
Species Name		Cover
Deinandra fascio	Deinandra fasciculata - fascicled tarweed	
Deschampsia danth	Deschampsia danthonioides - annual hair grass	
Eleocharis macro	Eleocharis macrostachya - pale spike-rush	
Grindelia ca	Grindelia camporum - gumplant	
Plagiobothrys acanthe	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago elon	Plantago elongata - prairie plantain	
Psilocarphus brevissimus v	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 9Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 10-25%Days Since Last Rain: 1-5Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 449

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Grindelia camporum - gumplant
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lepidium nitidum - shining peppergrass
Logfia gallica - daggerleaf cottonrose
Peritoma arborea - bladderpod
Plantago erecta - dot-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Notes: Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022 Complex Name: Cal Terraces	(North), Otav	Mesa Road Parcels (12)		<b>VP ID:</b> 450
2003 Baseline Survey Data	(,)			
Baseline Cover of ERAR: 38.0		Baseline Cover of NAFO: 0	.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 38.0				
2021 Quantitative Monitoring	z Data			
Survey Date: 4/25/2022		t Time: 02:15 PM Surv	ey End T	ime: 03:10 PM
Surveyors: Sara Allen, Sarah M	IcCutcheon			
VPHCP Covered Species Prese	nt: PONU, EF	RAR		
Cover of ERAR in Bas	in: 25-50%	Cover of NAFO in Basin:		Cover of ORCA in Basin:
Cover of POAB in Bas	in:	Cover of PONU in Basin: 1	-5%	
Other Native Species in Pool:				
	Specie	es Name		Cover
Baccho	Baccharis sarothroides - broom baccharis		<1%	
Cr	Crassula connata - pygmy-weed		<1%	
Deinar	Deinandra fasciculata - fascicled tarweed		<1%	
Descham	Deschampsia danthonioides - annual hair grass		1-5%	
Navar	Navarretia hamata - hooked skunkweed		<1%	
Plagiobothry	Plagiobothrys acanthocarpus - adobe popcornflower		1-5%	
Plar	Plantago elongata - prairie plantain		1-5%	
Plar	Plantago erecta - dot-seed plantain		1-5%	
Psilocarphus brev	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		25-50%	
Cover of Other Nativ	e Species in l	Basin: Other Na	ative Spe	cies Richness in Basin: 8
Nonnative Species in Pool:				
	Specie	es Name		Cover

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Hypochaeris glabra - smooth cat's-ear	<1%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Sonchus asper ssp. asper - prickly sow thistle	1-5%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 9

Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 5-10%Days Since Last Rain: >16Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 450

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Atriplex pacifica - south coast saltscale	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Cylindropuntia californica var. californica - snake cholla	
Deinandra fasciculata - fascicled tarweed	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium cicutarium - redstem filaree	
Erodium moschatum - greenstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
<i>Festuca myuros</i> - rattail sixweeks grass	
Hedypnois rhagadioloides - crete weed	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Logfia arizonica - Arizona cottonrose	
Logfia gallica - daggerleaf cottonrose	
<i>Lysimachia arvensis</i> - scarlet pimpernel	
Peritoma arborea - bladderpod	
Phacelia cicutaria - caterpillar phacelia	
Plagiobothrys acanthocarpus - adobe popcornflower	
Plagiobothrys collinus - Cooper's popcornflower	
Plantago elongata - prairie plantain	
Plantago erecta - dot-seed plantain	
Silene gallica - windmill pink	
Simmondsia chinensis - jojoba	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa pulchra - purple needle grass	
Zeltnera venusta - California centaury	

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Notes: Psilocarphus brevisimus from last year counted as litter.

**VP ID:** 450

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 451	
2003 B	aseline Survey Data		
Baselin	e Cover of ERAR: 16.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baselin	e Cover of POAB: 0.0	Baseline Cover of PONU: 3.0	0
2021 Q	uantitative Monitoring Data		
Survey	Date: 4/27/2022 Survey Sta	art Time: 01:53 PM Surve	<b>y End Time:</b> 02:30 PM
Survey	ors: Amy Mattson, Jonathan Merc	ado	
VPHCP	Covered Species Present: PONU,	ERAR	
	Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin:	Cover of PONU in Basin: <1	%
Other I	Native Species in Pool:		
	Spe	Cover	
	Eleocharis macros	<i>tachya</i> - pale spike-rush	<1%
	Grindelia camporum - gumplant		<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		ads <1%
	Cover of Other Native Species in	n Basin: Other Nat	ive Species Richness in Basin: 7
Nonna	tive Species in Pool:		
	Spe	Cover	
	Bromus hord	<1%	
	Bromus madritensis - foxtail chess		<1%
	<i>Centaurea melitensis</i> - tocalote		<1%
	Erodium cicutarium - redstem filaree		<1%
	Erodium moschatum - greenstem filaree		1-5%
	Phalaris minor - little-seeded canary grass		<1%
	Schismus barbatus - Mediterranean schismus		<1%
	Sonchus asper ssp. asper - prickly sow thistle		

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 1-5Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 451

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Grindelia camporum - gumplant
Lactuca serriola - prickly lettuce
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium californicum - California everlasting
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 452	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	baseline cover of orcer. 0.0	
2021 Quantitative Monitoring Data			
-	art Time: 11:47 AM Survey End	<b>I Time:</b> 12:21 PM	
Surveyors: Jason Allen, Amy Mattson, Jor	nathan Mercado		
VPHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Other Native Species in Pool:			
Spe	Species Name		
Deinandra fascicu	ılata - fascicled tarweed	<1%	
Deschampsia dantha	onioides - annual hair grass	<1%	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Psilocarphus brevissimus van	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Cover of Other Native Species in	n Basin: Other Native S	pecies Richness in Basin: 12	
Nonnative Species in Pool:			
	Cover		
Species Name Bromus hordeaceus - soft chess		<1%	
Bromus madritensis - foxtail chess		<1%	
Erodium cicutarium - redstem filaree		<1%	
Festuca myuros	Festuca myuros - rattail sixweeks grass		
Festuca pe	Festuca perennis - rye grass		
Gastridium p	Gastridium phleoides - nit grass		
Lamarckia c	aurea - golden-top	<1%	
Logfia gallica - d	daggerleaf cottonrose	<1%	
Sonchus asper ssp.	asper - prickly sow thistle	<1%	
Cover of Nonnative Species in B		cies Richness in Basin: 18	

Ponded Water Present: no

Days Since Last Rain: 1-5

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 452

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Convolvulus simulans - small-flowered morning-glory
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hedypnois rhagadioloides - crete weed
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Plantago erecta - dot-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

Complex Name: Cal Terraces (North), O	<b>VP ID:</b> 459	
2003 Baseline Survey Data		VT 10. +33
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	Baseline Cover of ORCA: 0.0
	Baseline Cover of PONO: 10.0	
2021 Quantitative Monitoring Data Survey Date: 4/27/2022 Survey St	art Time: 02:37 PM Survey End	Time: 03:30 PM
Surveyors: Amy Mattson, Jonathan Mer	-	1111e. 03.30 PM
VPHCP Covered Species Present: PONU,		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin: <1%	Cover of ORCA III Basili.
Other Native Species in Pool:	voies Nome	Cover
•	Species Name Apiastrum angustifolium - mock-parsley	
	<i>jugens</i> - Otay tarplant	<1%
_	ulata - fascicled tarweed	<1%
	Eleocharis macrostachya - pale spike-rush	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
•	anomeria sp.	<1%
Cover of Other Native Species	n Basin: Other Native Sp	pecies Richness in Basin: 7
Nonnative Species in Pool:		
Spe	ecies Name	Cover
Bromus hor	Bromus hordeaceus - soft chess	
Bromus mad	Bromus madritensis - foxtail chess	
Centaurea r	<i>melitensis</i> - tocalote	<1%
Erodium cicuto	arium - redstem filaree	<1%
Festuca myuros	- rattail sixweeks grass	<1%
Lamarckia	<i>aurea</i> - golden-top	<1%
Lysimachia arve	ensis - scarlet pimpernel	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 16Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 10-25%Days Since Last Rain: 1-5Ponded Water Present: no

Sonchus asper ssp. asper - prickly sow thistle

Dead Species Present in Pool:

<1%

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 459

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Beta vulgaris ssp. maritima - sea beet
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Hedypnois rhagadioloides - crete weed
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Opuntia littoralis - coast prickly-pear
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Fiscal Year: 2022 Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 464	
	seline Survey Data		
	Cover of ERAR: 16.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
	Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	baseline cover of ORCA. 0.0
	antitative Monitoring Data	Baseline Cover of PONO. 10.0	
		rt Time: 08:17 AM Survey End	Time: 09:09 AM
-	rs: Jason Allen, Amy Mattson, Jon		
-	overed Species Present: PONU, E		
	Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Na	ative Species in Pool:		
	Species Name		Cover
	Baccharis pilularis - coyote brush		<1%
	Baccharis sarothro	<i>ides</i> - broom baccharis	<1%
	Convolvulus simulans - small-flowered morning-glory		1-5%
	Cylindropuntia prolifera - coast cholla		<1%
	Deinandra fasciculata - fascicled tarweed		<1%
	Eleocharis macrostachya - pale spike-rush		5-10%
	Epilobium campest	rre - smooth boisduvalia	<1%
	Erigeron cana	densis - horseweed	<1%
	Cover of Other Native Species in	Basin: Other Native Sp	ecies Richness in Basin: 14
Nonnativ	ve Species in Pool:		
		ies Name	Cover
	Avena barbata - slender wild oat		<1%
	Beta vulgaris ssp. maritima - sea beet		<1%
	Brassica nigra - black mustard		<1%
	Bromus hordeaceus - soft chess		1-5%
	Bromus madritensis - foxtail chess		<1%
	Centaurea m	elitensis - tocalote	<1%
	Erodium cicutar	<i>ium</i> - redstem filaree	1-5%

*Festuca myuros* - rattail sixweeks grass *Lactuca serriola* - prickly lettuce

*Lysimachia arvensis* - scarlet pimpernel

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

**Bare Ground Cover in Basin:** 5-10% **Cover of Rocks/Cobble in Basin:** 1-5%

Cover of Nonnative Species in Basin: 50-75%

Appendix B-2 35

<1%

<1%

<1%

<1%

<1%

**Cover of Litter in Basin:** <1%

Nonnative Species Richness in Basin: 22

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 464

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena fatua - wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Convolvulus simulans - small-flowered morning-glory
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Grindelia camporum - gumplant
Lactuca serriola - prickly lettuce
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 471
2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 3.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/4/2022 Survey Sta	rt Time: 09:18 AM Survey End	l <b>Time:</b> 10:12 AM
Surveyors: Jason Allen, Amy Mattson, Jon	athan Mercado	
/PHCP Covered Species Present: PONU, N	NAFO, ERAR	
<b>Cover of ERAR in Basin:</b> 5-10%	<b>Cover of NAFO in Basin:</b> <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 5-10%	
Other Native Species in Pool:		
	Species Name	
	Baccharis sarothroides - broom baccharis	
Deinandra fascicul	lata - fascicled tarweed	<1%
	Deschampsia danthonioides - annual hair grass	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Epilobium campest	Epilobium campestre - smooth boisduvalia	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basin: 16
Nonnative Species in Pool:		
Spec	ies Name	Cover
Bromus horde	eaceus - soft chess	<1%
Bromus madrit	Bromus madritensis - foxtail chess	
Centaurea mo	Centaurea melitensis - tocalote	
Dittrichia grav	Dittrichia graveolens - stinkwort	
Erodium cicutar	Erodium cicutarium - redstem filaree	
Erodium moschat	Erodium moschatum - greenstem filaree	
Festuca myuros -	Festuca myuros - rattail sixweeks grass	
Lysimachia arvensis - scarlet pimpernel		<1%
Lysimachia arven	sis searree prinperner	

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 18

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 471

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Malosma laurina - laurel sumac
Opuntia littoralis - coast prickly-pear
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

	ear: 2022		
Complex	Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 473
2003 Ba	aseline Survey Data		
Baseline	e Cover of ERAR: 38.0	Baseline Cover of NAFO: 16.0	Baseline Cover of ORCA: 0.0
Baseline	e Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2021 Qı	uantitative Monitoring Data		
Survey I	Date: 4/20/2022 Survey Star	t Time: 02:37 PM Survey End	Time: 03:47 PM
Surveyo	ors: Jason Allen, Amy Mattson, Jona	athan Mercado	
VPHCP (	Covered Species Present: PONU, E	RAR	
	Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin:	Cover of PONU in Basin: 10-25%	
<u>Other N</u>	lative Species in Pool:		
	Species Name		Cover
	Artemisia californic	a - California sagebrush	<1%
	Deinandra fascicul	ata - fascicled tarweed	1-5%
	Deschampsia danthonioides - annual hair grass		<1%
	Eleocharis macrostachya - pale spike-rush		1-5%
	Navarretia hamata - hooked skunkweed		<1%
	Pseudognaphalium stramineum - cotton-batting plant		<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		10-25%
	Cover of Other Native Species in Basin: Other Native Spe		ecies Richness in Basin: 18
Nonnati	ive Species in Pool:		
		es Name	Cover
		aceus - soft chess	<1%
	Bromus madritensis - foxtail chess		<1%
	Centaurea melitensis - tocalote		<1%
	Erodium cicutarium - redstem filaree		1-5%
	<i>Festuca myuros</i> - rattail sixweeks grass		1-5%
	Lamarckia aurea - golden-top		<1%
	Logfia gallica - daggerleaf cottonrose		<1%
	Lysimachia arvens	sis - scarlet pimpernel	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 16

**Bare Ground Cover in Basin:** 1-5% **Cover of Rocks/Cobble in Basin:** 10-25% **Cover of Litter in Basin:** 5-10%

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 473

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Complex	omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 483	
2003 Bas	eline Survey Data			
Baseline	Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 3.0	
Baseline	Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2021 Qua	Intitative Monitoring Data			
Survey Da	ate: 4/20/2022 Survey Sta	rt Time: 03:46 PM Survey End	<b>d Time:</b> 04:36 PM	
Surveyors	s: Amy Mattson, Jonathan Merca	ado		
VPHCP Co	overed Species Present: ERAR			
(	Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
(	Cover of POAB in Basin: Cover of PONU in Basin:			
Other Na	tive Species in Pool:			
	Species Name		Cover	
	Deinandra fascicu	lata - fascicled tarweed	<1%	
	Deschampsia dantho	nioides - annual hair grass	<1%	
	Epilobium campes	tre - smooth boisduvalia	<1%	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		50_75	
(	Cover of Other Native Species in	Basin: Other Native S	pecies Richness in Basin: 12	
Nonnativ	e Species in Pool:			
	Spec	cies Name	Cover	
	Bromus hord	eaceus - soft chess	<1%	
	Bromus madritensis - foxtail chess		<1%	
	Centaurea melitensis - tocalote		<1%	
	Erodium botrys - long-beak filaree/storksbill		1-5%	
	Erodium cicutarium - redstem filaree		1-5%	
	Festuca myuros	- rattail sixweeks grass	1-5%	
	Sonchus asper ssp.	<i>asper</i> - prickly sow thistle	<1%	

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 483

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Allium sp.
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Grindelia camporum - gumplant
Hainardia cylindrica - barb grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lycium californicum - California box-thorn
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

Fiscal	Year:	2022

<b>Complex Name:</b>	Cal Terraces	(North) Ota		Road Darcols (	12)
complex mame.	Cal Terraces	(NOLIT), OLA	y iviesa r	Nuau Parceis (	JZJ

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VP ID: 483
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Rosa minutifolia - small-leaved rose
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Spergularia sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Fiscal Year	: 2022			
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)			<b>VP ID:</b> 484	
2003 Base	ine Survey Data			
Baseline Co	over of ERAR: 16.0	Baseline Cover of N	<b>AFO:</b> 0.0	Baseline Cover of ORCA: 3.0
Baseline Co	over of POAB: 0.0	Baseline Cover of P	<b>ONU:</b> 16.0	
2021 Quan	titative Monitoring Data			
Survey Dat	e: 5/4/2022 Survey Start	t Time: 10:22 AM	Survey End	Time: 11:01 AM
Surveyors:	Jason Allen, Amy Mattson, Jona	than Mercado		
VPHCP Cov	vered Species Present: PONU, ER	AR		
Co	over of ERAR in Basin: 10-25%	Cover of NAFO in Ba	asin:	Cover of ORCA in Basin:
Co	over of POAB in Basin:	Cover of PONU in B	asin: 5-10%	
Other Nati	ve Species in Pool:			
	Species Name			Cover
	Deinandra conjug	gens - Otay tarplant		<1%
	Deinandra fascicula	ta - fascicled tarweed	ł	<1%
	Deschampsia danthon	<i>ioides</i> - annual hair gr	ass	<1%
	Eleocharis macrosta	<i>ichya</i> - pale spike-rusl	า	<1%
	Juncus bufor	<i>nius</i> - toad rush		<1%
	Navarretia hamata	- hooked skunkweed		<1%
	Plagiob	othrys sp.		<1%
	Pseudognaphalium stram	<i>ineum</i> - cotton-battin	g plant	<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		oollyheads	<1%
	Rhus integrifolia	- lemonade berry		<1%
	Simmondsia c	<i>hinensis</i> - jojoba		<1%
Co	over of Other Native Species in E	Basin: Ot	ther Native Sp	ecies Richness in Basin: 15
Nonnativo	Species in Pool:			
Normative		- Nous		Course

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 10

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 6-15Ponded Water Present: yes

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 484

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Bahiopsis laciniata - San Diego viguiera	
Bergerocactus emoryi - golden-spined cereus	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Cylindropuntia prolifera - coast cholla	
Deinandra conjugens - Otay tarplant	
Deinandra fasciculata - fascicled tarweed	
Dittrichia graveolens - stinkwort	
Encelia californica - California encelia	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
Euphorbia misera - cliff spurge	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Isocoma menziesii - coastal goldenbush	
Laennecia coulteri - Coulter's horseweed	
Lamarckia aurea - golden-top	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Mirabilis laevis var. crassifolia - wishbone bush	
Navarretia hamata - hooked skunkweed	
Pogogyne nudiuscula - Otay mesa mint	
Polypogon monspeliensis - rabbitfoot grass	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Schismus barbatus - Mediterranean schismus	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Stipa lepida - foothill needle grass	
Stipa pulchra - purple needle grass	
Yucca schidigera - Mojave yucca	
Zeltnera venusta - California centaury	

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Notes:

**VP ID:** 484

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 490	
003 Baseline Survey Data			
aseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 16.0	
aseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
021 Quantitative Monitoring Data			
urvey Date: 5/4/2022 Survey Sta	art Time: 11:04 AM Survey End	Time: 11:48 AM	
urveyors: Jason Allen, Amy Mattson, Jor	nathan Mercado		
PHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 1-5%		
Other Native Species in Pool:			
•	cies Name	Cover	
-	iugens - Otay tarplant	<1%	
-	ulata - fascicled tarweed	<1%	
	Deschampsia danthonioides - annual hair grass		
	Eleocharis macrostachya - pale spike-rush		
	ta - hooked skunkweed	<1%	
•	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Cover of Other Native Species in	n Basin: Other Native Sp	ecies Richness in Basin: 16	
Ionnative Species in Pool:			
Spe	cies Name	Cover	
Bromus hord	leaceus - soft chess	<1%	
Bromus madr	itensis - foxtail chess	<1%	
Centaurea n	Centaurea melitensis - tocalote		
Dittrichia gro	Dittrichia graveolens - stinkwort		
Erodium cicuta	rium - redstem filaree	<1%	
	- rattail sixweeks grass	<1%	
Festuca myuros			
-	ohleoides - nit grass	<1%	

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: 25-50%

 Days Since Last Rain: 6-15
 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 490

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Mammillaria dioica - fish-hook cactus
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**Notes:** Psilocarphus brevisimus from last year counted as litter.

**VP ID:** 490

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 502	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 3.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2021 Quantitative Monitoring Da	ıta		
Survey Date: 5/4/2022 Su	rvey Start Time: 12:18 PM Survey Er	<b>nd Time:</b> 01:01 PM	
Surveyors: Jason Allen, Amy Matt	son, Jonathan Mercado		
VPHCP Covered Species Present:	ERAR, NAFO, PONU		
Cover of ERAR in Basin:	5-10% <b>Cover of NAFO in Basin:</b> 1-5%	1-5% Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
	Species Name	Cover	
Amblyopa	<i>appus pusillus</i> - pineapple-weed	<1%	
Deinandro	a fasciculata - fascicled tarweed	1-5%	
Deschampsic	a danthonioides - annual hair grass	<1%	
Psilocarphus brevissi	imus var. brevissimus - dwarf woollyheads	1-5%	
Cover of Other Native Sp	becies in Basin: Other Native	Species Richness in Basin: 13	
Nonnative Species in Pool:			
	Species Name	Cover	
Bromu	<i>is madritensis</i> - foxtail chess	<1%	
Cent	<i>aurea melitensis</i> - tocalote	<1%	
Dittrie	<i>chia graveolens</i> - stinkwort	<1%	
	a standard and share filmers	<1%	
Erodiun	n cicutarium - redstem filaree		
	<i>myuros -</i> rattail sixweeks grass	1-5%	
Festuca i		1-5% <1%	
Festuca ı Gastı	myuros - rattail sixweeks grass		

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 502

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Grindelia camporum - gumplant
Lycium andersonii - Anderson's desert thorn
Opuntia littoralis - coast prickly-pear
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Notes: Psilocarphus brevisimus from last year counted as litter.

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 509	
2003 Ba	aseline Survey Data		
Baselin	e Cover of ERAR: 38.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 3.0
Baselin	e Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2021 Q	uantitative Monitoring Data		
Survey	Date: 4/19/2022 Survey Sta	rt Time: 03:49 PM Survey End	I Time: 04:11 PM
Surveyo	ors: Jason Allen, James Davis, Dane	elle Gadia, Anahi Mendez Lozano	
VPHCP	Covered Species Present: PONU, N	NAFO, ERAR	
	Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
	Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 1-5%	
Other N	Native Species in Pool:		
	Spec	cies Name	Cover
	Deinandra fascicu	lata - fascicled tarweed	1-5%
	Deschampsia dantho	nioides - annual hair grass	<1%
	Eleocharis macrostachya - pale spike-rush		<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		25-50%
	Simmondsia chinensis - jojoba		<1%
	Cover of Other Native Species in	Basin: Other Native S	pecies Richness in Basin: 17
Nonnat	tive Species in Pool:		
	Spec	cies Name	Cover
	Bromus madri	<i>tensis</i> - foxtail chess	1-5%
	Centaurea m	elitensis - tocalote	<1%
	Dittrichia graveolens - stinkwort		<1%
	Festuca myuros - rattail sixweeks grass		1-5%
	Oncosiphon	<i>pilulifer</i> - stinknet	<1%
	Sonchus asper ssp. o	asper - prickly sow thistle	<1%
	Cover of Nonnative Species in Ba	asin: 5-10% Nonnative Spe	cies Richness in Basin: 13
	Bare Ground Cover in Basin: 1-5	% Cover of Rocks/Cobble in Basi	in: 5-10% Cover of Litter in Basin: 1-5%
	Days Since Last Rain: >16	Ponded Water Present: no	
	Deed Creates Descention Deed		

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 509

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Opuntia littoralis - coast prickly-pear
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (North), Ota	,	<b>VP ID:</b> 591
2003 Baseline Survey Data Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 38.0
		Baseline Cover of ORCA: 38.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 3.0	
2021 Quantitative Monitoring Data	1 T 02 20 DM 0	
	-	<b>nd Time:</b> 03:12 PM
Surveyors: Jason Allen, James Davis, Dane	,	
VPHCP Covered Species Present: PONU, E		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spec	ies Name	Cover
Apiastrum angust	<i>ifolium</i> - mock-parsley	<1%
Deinandra conju	<i>igens</i> - Otay tarplant	<1%
Deinandra fascicul	ata - fascicled tarweed	<1%
Deschampsia danthoi	Deschampsia danthonioides - annual hair grass	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	10-25%
Cover of Other Native Species in	Basin: Other Native	Species Richness in Basin: 15
		-
Nonnative Species in Pool:		
	ies Name	Cover
Centaurea me	elitensis - tocalote	<1%

Festuca myuros - rattail sixweeks gras	
Logfia gallica - daggerleaf cottonros	
Polypogon monspeliensis - rabbitfoot g Cover of Nonnative Species in Basin: 10-25%	rass   1-5%     Nonnative Species Richness in Basin: 14

 Bare Ground Cover in Basin: 5-10%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: >16
 Ponded Water Present: no
 Cover of Litter in Basin: 1-5%

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 591

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Ambrosia pumila - San Diego ambrosia
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Grindelia camporum - gumplant
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 591

Yucca schidigera - Mojave yucca Zeltnera venusta - California centaury

Fiscal Year: 2022		
Complex Name: Cal Terraces (North), Ota	mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 1.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 15.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/2/2022 Survey Star	rt Time: 10:10 AM Survey End	Time: 10:39 AM
Surveyors: Sara Allen, Sarah McCutcheon		
VPHCP Covered Species Present: PONU, E	RAR	
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 10-25%	
Other Native Species in Pool:		
Spec	ies Name	Cover
Deinandra conju	<i>ugens</i> - Otay tarplant	<1%
Deschampsia dantho	nioides - annual hair grass	1-5%
Eleocharis macrost	tachya - pale spike-rush	1-5%
Juncus bufc	onius - toad rush	<1%
Navarretia hamat	a - hooked skunkweed	<1%
Osmadenia te	enella - osmadenia	<1%
Plantago erecto	a - dot-seed plantain	<1%
Psilocarphus brevissimus var.	. brevissimus - dwarf woollyheads	10-25%
<b>Cover of Other Native Species in</b>	Basin: Other Native Sp	ecies Richness in Basin: 6
Nonnative Species in Pool:		
Spec	ies Name	Cover
Bromus horde	eaceus - soft chess	<1%
Bromus madrit	ensis - foxtail chess	<1%

Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Erodium cicutarium - redstem filaree	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 12

Bare Ground Cover in Basin: 1-5%ODays Since Last Rain: 6-15F

Ponded Water Present: no

Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 25-50%

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 1310

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Mesembryanthemum nodiflorum - slender-leaved iceplant
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Plantago elongata - prairie plantain
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Salvia mellifera - black sage
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

**Notes:** Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022		
Complex Name: Cal Terraces (North), Ot	plex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 2.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/2/2022 Survey Sta	art Time: 10:54 AM Survey End	Time: 11:45 AM
Surveyors: Sara Allen, Sarah McCutcheon	1	
VPHCP Covered Species Present: PONU,	ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 25-50%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Baccharis sarothr	oides - broom baccharis	1-5%
Deinandra conj	<i>ugens</i> - Otay tarplant	<1%
Deschampsia dantho	onioides - annual hair grass	<1%
Eleocharis macros	stachya - pale spike-rush	1-5%
Epilobium campes	tre - smooth boisduvalia	1-5%
Navarretia hama	ta - hooked skunkweed	<1%
Plantago erect	a - dot-seed plantain	<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	1-5%
Cover of Other Native Species in	n Basin: Other Native Spe	ecies Richness in Basin: 12
Nonnative Species in Pool:		
	cies Name	Cover
Bromus hora	leaceus - soft chess	<1%
Bromus madri	itensis - foxtail chess	<1%

Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Erigeron sumatrensis - tropical horseweed	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Lysimachia arvensis - scarlet pimpernel	1-5%
Phalaris paradoxa - hood canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 9Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 1321

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Amsinckia sp.	
Artemisia californica - California sagebrush	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Daucus pusillus - rattlesnake weed	
Deinandra conjugens - Otay tarplant	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium cicutarium - redstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Glebionis coronaria - crown daisy	
Lactuca serriola - prickly lettuce	
Lycium andersonii - Anderson's desert thorn	
Lysimachia arvensis - scarlet pimpernel	
Navarretia hamata - hooked skunkweed	
Opuntia littoralis - coast prickly-pear	
Peritoma arborea - bladderpod	
Phalaris minor - little-seeded canary grass	
Phalaris paradoxa - hood canary grass	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Rosa minutifolia - small-leaved rose	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Yucca schidigera - Mojave yucca	

Notes: Psilocarphus brevisimus from last year counted as litter.

Complex Name: Cal Terraces (North), Otay	Mesa Road Parcels (J2)	<b>VP ID:</b> 1713
2003 Baseline Survey Data		
Baseline Cover of ERAR: 2.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5	
2021 Quantitative Monitoring Data		
Survey Date: 4/19/2022 Survey Start	Time: 01:15 PM Survey End	Time: 01:46 PM
Surveyors: Jason Allen, James Davis, Danell	e Gadia, Anahi Mendez Lozano	
VPHCP Covered Species Present: PONU, ER	AR	
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Other Native Species in Pool:		
Specie	es Name	Cover
Deinandra fascicula	ta - fascicled tarweed	1-5%
Deschampsia danthon	<i>ioides</i> - annual hair grass	<1%
Psilocarphus brevissimus var. l	<i>brevissimus</i> - dwarf woollyheads	10-25%
Cover of Other Native Species in E	Basin: Other Native S	pecies Richness in Basin: 11
Nonnative Species in Pool:		
	es Name	Cover
Avena barbata	- slender wild oat	<1%
Bromus madrite	nsis - foxtail chess	<1%
Erodium cicutariu	ım - redstem filaree	<1%
Lysimachia arvensi	<i>is</i> - scarlet pimpernel	<1%
Phalaris minor - little	e-seeded canary grass	<1%
Sonchus asper ssp. as	per - prickly sow thistle	<1%
Cover of Nonnative Species in Bas	in: 5-10% Nonnative Spe	cies Richness in Basin: 13
Bare Ground Cover in Basin: 5-109	<b>Cover of Rocks/Cobble in Basi</b>	in: 1-5% Cover of Litter in Basin: 1-5%

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 1713

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lepidium nitidum - shining peppergrass
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
<i>Opuntia littoralis</i> - coast prickly-pear
Phalaris minor - little-seeded canary grass
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

**VP ID:** 1713

Simmondsia chinensis - jojoba

Sonchus asper ssp. asper - prickly sow thistle

complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 1724
2003 Baseline Survey Data		
Baseline Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/19/2022 Survey Sta	art Time: 11:32 AM Survey En	<b>d Time:</b> 12:03 PM
Surveyors: Jason Allen, Mark Berninger, J	lames Davis, Danelle Gadia, Anahi M	lendez Lozano
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Baccharis sarothr	oides - broom baccharis	<1%
Deinandra fascicu	ulata - fascicled tarweed	1-5%
Eleocharis macros	<i>stachya</i> - pale spike-rush	1-5%
Epilobium campes	stre - smooth boisduvalia	5-10%
Cover of Other Native Species in	n Basin: Other Native S	Species Richness in Basin: 8
Nonnative Species in Pool:		
•	cies Name	Cover
· · · · · · · · · · · · · · · · · · ·	itensis - foxtail chess	<1%
Centaurea n	nelitensis - tocalote	<1%
Erodium cicuta	rium - redstem filaree	<1%
Festuca myuros	- rattail sixweeks grass	<1%
	erennis - rye grass	1-5%
	onaria - crown daisy	<1%
	opifolia - grass poly	<1%
	eliensis - rabbitfoot grass	<1%
	asper - prickly sow thistle	<1%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

VP ID: 1724

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

	Species Name
	Amaranthus albus - tumbleweed
	Artemisia californica - California sagebrush
	Baccharis pilularis - coyote brush
	Baccharis sarothroides - broom baccharis
	Bahiopsis laciniata - San Diego viguiera
	Beta vulgaris ssp. maritima - sea beet
В	rachypodium distachyon - purple false brome
	Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
	Centaurea melitensis - tocalote
	Cylindropuntia prolifera - coast cholla
	Deinandra fasciculata - fascicled tarweed
	Dittrichia graveolens - stinkwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Epilobium campestre - smooth boisduvalia
E	riogonum fasciculatum - California buckwheat
	Erodium cicutarium - redstem filaree
Eryngiu	m aristulatum var. parishii - San Diego button-celery
	Euphorbia sp.
Fe	erocactus viridescens - San Diego barrel cactus
	Festuca myuros - rattail sixweeks grass
	Festuca perennis - rye grass
	Glebionis coronaria - crown daisy
	Heteromeles arbutifolia - toyon
	Lactuca serriola - prickly lettuce
	Lysimachia arvensis - scarlet pimpernel
	Malosma laurina - laurel sumac
Psilocarp	hus brevissimus var. brevissimus - dwarf woollyheads
	Rhus integrifolia - lemonade berry
	Salvia mellifera - black sage
2	Schismus barbatus - Mediterranean schismus
	Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

VP ID: 2022

2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/13/2022 Survey Start	Time: 12:21 PM Survey End	Time: 01:24 PM
Surveyors: Jason Allen, Amy Mattson, Jona	than Mercado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Deschampsia danthon	<i>ioides</i> - annual hair grass	<1%
Eleocharis macrosta	uchya - pale spike-rush	25-50%
Epilobium campestre	e - smooth boisduvalia	<1%
Lysimachia mir	nima - chaffweed	<1%
Cover of Other Native Species in E	Basin: Other Native Sp	ecies Richness in Basin: 12
Nonnative Species in Pool:		
Specie	es Name	Cover
Bromus horded	aceus - soft chess	<1%
Lythrum hyssop	<i>bifolia</i> - grass poly	<1%
Polypogon monspeli	ensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 8Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

VP ID: 2022

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Antirrhinum nuttallianum - Nuttall's Snapdragon
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Cerastium glomeratum - sticky mouse-ear chickweed
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Hirschfeldia incana - short-pod mustard
Isocoma menziesii - coastal goldenbush
Lycium andersonii - Anderson's desert thorn
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Matricaria discoidea - pineapple weed
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Phacelia cicutaria - caterpillar phacelia
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Solanum americanum - white nightshade
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2025	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 3.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/18/2022 Survey St	art Time: 10:11 AM Survey End	d Time: 11:08 AM	
Surveyors: Amy Mattson, Jonathan Merc	cado		
/PHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spe	Species Name		
Amblyopappus p	Amblyopappus pusillus - pineapple-weed		
Astragalus trichopod	Astragalus trichopodus - Santa Barbara milk vetch		
Сгу	Cryptantha sp.		
Cylindropuntia	Cylindropuntia prolifera - coast cholla		
Deinandra fascic	Deinandra fasciculata - fascicled tarweed		
Deschampsia danth	Deschampsia danthonioides - annual hair grass		
Eleocharis macro	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Frankenia s	<i>alina</i> - alkali heath	<1%	
Lepidium nitidu	Lepidium nitidum - shining peppergrass		
Matricaria disco	Matricaria discoidea - pineapple weed		
Navarretia hamo	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Stenhanomeria diege	nsis - San Diego wreath-plant	<1%	

### **Nonnative Species in Pool:**

Species Name	Cover
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium cicutarium - redstem filaree	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Glebionis coronaria - crown daisy	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Oncosiphon pilulifer - stinknet	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Unknown mustard	<1%

Fiscal Year: 2022		
Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2025
Cover of Nonnative Species in Basin:	1-5% Nonnative Species Richnes	ss in Basin: 7
Bare Ground Cover in Basin: 25-50%	Cover of Rocks/Cobble in Basin: $_{10\mathchar`25\%}$	Cover of Litter in Basin: <1%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Amaranthus albus - tumbleweed
Amblyopappus pusillus - pineapple-weed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Astragalus trichopodus - Santa Barbara milk vetch
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bergia texana - Texas bergia
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha sp.
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Dudleya edulis - ladies' fingers
Dudleya pulverulenta - chalk dudleya
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Frankenia salina - alkali heath
Glebionis coronaria - crown daisy
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lepidium nitidum - shining peppergrass
Logfia gallica - daggerleaf cottonrose
Lycium californicum - California box-thorn
Lysimachia arvensis - scarlet pimpernel

VP ID: 2025

### Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

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VP ID: 2025
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Malosma laurina - laurel sumac
Matricaria discoidea - pineapple weed
Mesembryanthemum crystallinum - crystalline iceplant
Muhlenbergia rigens - deer grass
Navarretia hamata - hooked skunkweed
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2039	
2003 Bas	eline Survey Data		
Baseline (	Cover of ERAR: 15.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline (	Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Qua	Intitative Monitoring Data		
Survey Da	ate: 5/13/2022 Survey St	art Time: 01:32 PM Survey En	<b>d Time:</b> 02:18 PM
Surveyors	s: Jason Allen, Amy Mattson, Jo	nathan Mercado	
VPHCP Co	overed Species Present: PONU,	ERAR	
(	Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
C	Cover of POAB in Basin:	Cover of PONU in Basin: 25-509	%
Other Na	tive Species in Pool:		
	Species Name		Cover
	Deinandra fasciculata - fascicled tarweed		<1%
	Deschampsia danthonioides - annual hair grass		<1%
	Navarretia hamata - hooked skunkweed		<1%
	Plagiobothrys sp.		<1%
	Plantago elongata - prairie plantain		<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
C	Cover of Other Native Species	in Basin: Other Native	Species Richness in Basin: 10
Nonnativ	<u>e Species in Pool:</u>		
	Species Name		Cover
	Bromus mad	ritensis - foxtail chess	<1%
	Centaurea melitensis - tocalote		<1%
	Dittrichia gr	<i>aveolens</i> - stinkwort	1-5%
	Festuca myuros	s - rattail sixweeks grass	1-5%
	Logfia gallica -	daggerleaf cottonrose	<1%
	Lysimachia arve	ensis - scarlet pimpernel	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative

Nonnative Species Richness in Basin: 13

Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 1-5Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

VP ID: 2039

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hainardia cylindrica - barb grass
Isocoma menziesii - coastal goldenbush
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Notes: Psilocarphus brevisimus from last year counted as litter.

Complex Name: Cal Terraces (South) (J14)		VP ID: 2042	
		<b>VP ID:</b> 2043	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5		
2021 Quantitative Monitoring Data			
Survey Date: 5/18/2022 Survey	Start Time: 11:13 AM Survey End	d Time: 12:23 PM	
Surveyors: Amy Mattson, Jonathan M	ercado		
/PHCP Covered Species Present: PON	IU, NAFO, ERAR		
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
9	Species Name	Cover	
Amblyopappu	<i>s pusillus -</i> pineapple-weed	<1%	
Crassula aqu	atica - water pygmyweed	<1%	
Deinandra fas	ciculata - fascicled tarweed	<1%	
Eleocharis ma	crostachya - pale spike-rush	1-5%	
Epilobium cam	<i>pestre</i> - smooth boisduvalia	1-5%	
Heliotropium curassavic	um var. oculatum - seaside heliotrope	<1%	
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	1-5%	
Zeltnera ven	usta - California centaury	<1%	

#### **Nonnative Species in Pool:**

Species N	lame	Cover
Dittrichia graveole	<i>ns</i> - stinkwort	<1%
Polypogon monspeliens	<i>is</i> - rabbitfoot grass	<1%
Cover of Nonnative Species in Basin:	<1% Nonnative Species F	Richness in Basin: 8
Bare Ground Cover in Basin: -999	Cover of Rocks/Cobble in Basin: 10	<b>Cover of Litter in Basin:</b> 50-75%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

#### **VP ID:** 2043

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

The species in burlet. (burlet - 20 100t of 0 meter radius a	
-	s Name
	r. <i>glaber</i> - deerweed
Amblyopappus pusil	lus - pineapple-weed
Ambrosia chenopodiifo	<i>lia</i> - San Diego bur-sage
Artemisia californica	- California sagebrush
Astragalus trichopodus -	Santa Barbara milk vetch
Baccharis pilular	ris - coyote brush
Bahiopsis laciniata	- San Diego viguiera
Bergerocactus emoryi	- golden-spined cereus
Bromus hordea	ceus - soft chess
Bromus madriter	<i>nsis</i> - foxtail chess
Crassula connat	a - pygmy-weed
Cylindropuntia californica v	ar. californica - snake cholla
Cylindropuntia pro	<i>lifera</i> - coast cholla
Deinandra conjug	ens - Otay tarplant
Deinandra fasciculat	a - fascicled tarweed
Dicranostegia orcuttiar	na - Orcutt's bird's-beak
Dittrichia graved	olens - stinkwort
Dudleya edulis	- ladies' fingers
Dudleya pulverulei	nta - chalk dudleya
Encelia californica	- California encelia
Eriogonum fasciculatun	n - California buckwheat
Eryngium aristulatum var. par	rishii - San Diego button-celery
Euphorbia mise	era - cliff spurge
Ferocactus viridescens -	San Diego barrel cactus
Festuca myuros - ra	attail sixweeks grass
Heliotropium curassavicum var	r. oculatum - seaside heliotrope
Hooveria	parviflora
Lamarckia auro	<i>ea</i> - golden-top
<i>Logfia gallica</i> - dag	ggerleaf cottonrose
Malosma laurin	a - laurel sumac
Mammillaria dioice	a - fish-hook cactus
Mesembryanthemum nodiflo	nrum - slender-leaved iceplant
Navarretia hamata -	- hooked skunkweed
Opuntia littoralis -	coast prickly-pear
Peritoma arbor	<i>ea</i> - bladderpod
Pogogyne nudiuscu	<i>la</i> - Otay mesa mint
Psilocarphus brevissimus var. b	revissimus - dwarf woollyheads

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Stephanomeria diegensis - San Diego wreath-plant
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Fiscal Year: 2022			
Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2044	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/13/2022 Survey Star	rt Time: 02:23 PM Survey End	Time: 03:06 PM	
Surveyors: Jason Allen, Amy Mattson, Jona	athan Mercado		
VPHCP Covered Species Present: PONU, E	RAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> <1%		
Other Native Species in Pool:			
Speci	Species Name		
Deinandra fascicul	Deinandra fasciculata - fascicled tarweed		
Deschampsia danthoi	Deschampsia danthonioides - annual hair grass		
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Navarretia hamat	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Cover of Other Native Species in Basin: Other Native Spe		ecies Richness in Basin: 7	
Nonnative Species in Pool:			
Species Name		Cover	
Dittrichia grav	Dittrichia graveolens - stinkwort		
Festuca myuros -	Festuca myuros - rattail sixweeks grass		
Cover of Nonnative Species in Ba	sin: 1-5% Nonnative Spec	ies Richness in Basin: 8	
Bare Ground Cover in Basin: 10-2	25% Cover of Rocks/Cobble in Basi	<b>Cover of Litter in Basin:</b> 10-25%	

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

VP ID: 2044

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Stipa lepida - foothill needle grass
Yucca schidigera - Mojave yucca

2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0 Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 60.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/18/2022 Survey Sta	art Time: 09:29 AM	Survey End	Time: 10:03 AM
Surveyors: Amy Mattson, Jonathan Merc	ado		
VPHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in B	asin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in	>75%	
Other Native Species in Pool:			
Spe	cies Name		Cover
Cylindropuntia californic	Cylindropuntia californica var. californica - snake cholla		<1%
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthe	Deschampsia danthonioides - annual hair grass		<1%
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		1-5%
Epilobium campes	Epilobium campestre - smooth boisduvalia		<1%
Navarretia hama	Navarretia hamata - hooked skunkweed		<1%
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%

#### **Nonnative Species in Pool:**

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Erigeron sumatrensis - tropical horseweed	<1%
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Unknown mustard	1-5%
Cover of Nonnative Species in Basin: 1-5% Nonnativ	e Species Richness in Basin: 5

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1% Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Cal Terraces (South) (J14)

2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Amblyopappus pusillus - pineapple-weed
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha intermedia var. intermedia - common cryptantha
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Grindelia camporum - gumplant
Iva hayesiana - San Diego marsh-elder
Lepidium nitidum - shining peppergrass
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salvia apiana - white sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

Notes: Psilocarphus brevisimus from last year counted as litter.

**VP ID:** 2185

Fiscal Year: 2022				
Complex Name: Cal Terraces (South) (J14)			<b>VP ID:</b> 2189	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFC	<b>D:</b> 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0			
2021 Quantitative Monitoring Data				
Survey Date: 5/18/2022 Survey Sta	art Time: 08:05 AM S	urvey End T	ime: 09:23 AM	
Surveyors: Amy Mattson, Jonathan Merca	ado			
VPHCP Covered Species Present: PONU,	NAFO, ERAR			
<b>Cover of ERAR in Basin:</b> <1%	Cover of NAFO in Basin	<b>n:</b> <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basir	<b>ı:</b> 5-10%		
Other Native Species in Pool:				
Spec	cies Name		Cover	
Crassula aquatica - water pygmyweed			<1%	
Cylindropuntia prolifera - coast cholla			<1%	
Deinandra fasciculata - fascicled tarweed			1-5%	
Eleocharis macrostachya - pale spike-rush		<1%		
Epilobium campestre - smooth boisduvalia		10-25%		
Eriogonum fasciculatum - California buckwheat		<1%		
Frankenia salina - alkali heath		<1%		
Navarretia hamata - hooked skunkweed		<1%		
Plantago elong	Plantago elongata - prairie plantain		1-5%	
Psilocarphus brevissimus var	r. <i>brevissimus</i> - dwarf wool	lyheads	5-10%	
Cover of Other Native Species in	n Basin: Other	r Native Spe	cies Richness in Basin: 18	

#### Nonnative Species in Pool:

Species Name	Cover
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Unknown mustard	25-50%

Cover of Nonnative Species in Basin: 5-10% N

Nonnative Species Richness in Basin: 8

Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 1-5%Days Since Last Rain: >16Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Cal Terraces (South) (J14)

VP ID: 2189

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Amblyopappus pusillus - pineapple-weed
Ambrosia chenopodiifolia - San Diego bur-sage
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Frankenia salina - alkali heath
Isocoma menziesii - coastal goldenbush
Iva hayesiana - San Diego marsh-elder
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Sonchus asper ssp. asper - prickly sow thistle
Yucca schidigera - Mojave yucca

Notes: Psilocarphus brevisimus from last year counted as litter. The unknown nonnative in pool is in Brassicaceae.

Fiscal Year: 2022

**Complex Name:** Carroll Canyon (D5-8)

**VP ID:** 1077

2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey S	tart Time: 12:45 PM Survey En	<b>d Time:</b> 01:31 PM
Surveyors: Jason Allen, Amy Mattson, Jo	onathan Mercado	
/PHCP Covered Species Present: POAB,	ERAR	
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Cuscuta californica - chaparral dodder		<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		<1%
Eleocharis macrostachya - pale spike-rush		<1%
Juncus bufonius - toad rush		<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
Selaginella ciner	rascens - ashy spike-moss	<1%
Cover of Other Native Species	in Desin: Other Native (	inacias Dichnoss in Pasin, 12

Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 12

### Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	1-5%
Hypochaeris glabra - smooth cat's-ear	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: <1%</th>Nonnative Species Richness in Basin: 5Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 25-50%Days Since Last Rain: 0Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Carroll Canyon (D5-8)

VP ID: 1077

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Agrostis microphylla - small-leaf bent grass
Apiastrum angustifolium - mock-parsley
Bromus madritensis - foxtail chess
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Complex Name: Carroll Canyon (D5-8)		<b>VP ID:</b> 1092
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 3.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey S	tart Time: 01:35 PM Survey En	d Time: 02:03 PM
Surveyors: Jason Allen, Amy Mattson, Jo	onathan Mercado	
VPHCP Covered Species Present: POAB,	ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Agrostis microphylla - small-leaf bent grass		<1%
Cuscuta califor	Cuscuta californica - chaparral dodder	
Deinandra fascio	Deinandra fasciculata - fascicled tarweed	
Deschampsia danth	Deschampsia danthonioides - annual hair grass	
Eleocharis macro	Eleocharis macrostachya - pale spike-rush	
Juncus bi	Juncus bufonius - toad rush	
Navarretia ham	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus v	ar. brevissimus - dwarf woollyheads	1-5%

#### **Nonnative Species in Pool:**

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: <1% Nonnative Species Richness in Basin: 5

 $\textbf{Bare Ground Cover in Basin: } 25-50\% \quad \textbf{Cover of Rocks/Cobble in Basin: } 10-25\% \quad \textbf{Cover of Litter in Basin: } <1\%$ 

Days Since Last Rain: 0 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Carroll Canyon (D5-8)

**VP ID:** 1092

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Bromus madritensis - foxtail chess
Chorizanthe polygonoides var. longispina - long-spined spineflower
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

Notes: Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022		
Complex Name: Carroll Canyon (D5-8)	omplex Name: Carroll Canyon (D5-8)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey St	art Time: 02:11 PM Survey En	d Time: 02:35 PM
Surveyors: Jason Allen, Amy Mattson, Jon	nathan Mercado	
VPHCP Covered Species Present: POAB,	ERAR	
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Agrostis microphy	lla - small-leaf bent grass	<1%
Cuscuta californica - chaparral dodder		<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		<1%
Eleocharis macrostachya - pale spike-rush		<1%
Juncus buj	Juncus bufonius - toad rush	
Navarretia hama	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%

#### **Nonnative Species in Pool:**

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: <1% Nonnative Species Richness in Basin: 4

Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in Basin: 25-50% Cover of Litter in Basin: 1-5% Ponded Water Present: no Days Since Last Rain: 0

Fiscal Year: 2022

Complex Name: Carroll Canyon (D5-8)

VP ID: 1096

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Agrostis microphylla - small-leaf bent grass
Apiastrum angustifolium - mock-parsley
Bromus madritensis - foxtail chess
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Diplacus aurantiacus - orange bush monkeyflower
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

**Notes:** Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022		
Complex Name: Carroll Canyon (D5-8)	omplex Name: Carroll Canyon (D5-8)VP ID: 1109	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 3.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey Star	t Time: 02:51 PM Survey End	Time: 03:12 PM
Surveyors: Jason Allen, Amy Mattson, Jona	than Mercado	
VPHCP Covered Species Present: POAB, ER	AR	
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Cuscuta californic	<i>a</i> - chaparral dodder	<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		<1%
Eleocharis macrostachya - pale spike-rush		<1%
Juncus bufonius - toad rush		<1%
Juncus dubius	- mariposa rush	<1%
Navarretia hamata	r - hooked skunkweed	<1%
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
Cover of Other Native Species in I	Basin: Other Native Sp	ecies Richness in Basin: 8

#### **Nonnative Species in Pool:**

Species Name		Cover
Dittrichia graveolens - stinkv	vort	<1%
Festuca myuros - rattail sixweel	<s grass<="" td=""><td>&lt;1%</td></s>	<1%
Polypogon monspeliensis - rabbiti	foot grass	1-5%
Cover of Nonnative Species in Basin: <1%	Nonnative Specie	es Richness in Basin: 3

Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 1-5%Days Since Last Rain: 0Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Carroll Canyon (D5-8)

**VP ID:** 1109

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Selaginella cinerascens - ashy spike-moss

Notes: Psilocarphus brevisimus from last year counted as litter.

Complex Name: Carroll Canyon (D5-8	mplex Name: Carroll Canyon (D5-8)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 30.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 5.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey	Start Time: 11:33 AM Survey Er	<b>d Time:</b> 12:12 PM
Surveyors: Jason Allen, Amy Mattson,	Jonathan Mercado	
VPHCP Covered Species Present: POA	B, ERAR	
Cover of ERAR in Basin: 50-7	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10	% Cover of PONU in Basin:	
Other Native Species in Pool:		
5	Species Name	Cover
Cuscuta calif	ornica - chaparral dodder	<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia dar	Deschampsia danthonioides - annual hair grass	
Eleocharis macrostachya - pale spike-rush		1-5%
Juncus	Juncus bufonius - toad rush	
Juncus d	Juncus dubius - mariposa rush	
Navarretia ha	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	<1%

#### **Nonnative Species in Pool:**

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 6Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: 1-5%Days Since Last Rain: 0Ponded Water Present: noDead Species Present in Pool:East Rain: 0East Rain: 0

Fiscal Year: 2022

**Complex Name:** Carroll Canyon (D5-8)

**VP ID:** 1740

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Baccharis pilularis - coyote brush
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Diplacus aurantiacus - orange bush monkeyflower
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

Complex Name: Carroll Canyon (D5-8)		<b>VP ID:</b> 1743
2003 Baseline Survey Data		
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0Baseline Cover of POAB: 0.0		
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey S	tart Time: 10:46 AM Survey En	<b>d Time:</b> 11:16 AM
Surveyors: Amy Mattson, Jonathan Me	rcado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Brodiaea Orci	<i>uttii</i> - Orcutt's brodiaea	<1%
Deinandra fasci	<i>culata</i> - fascicled tarweed	<1%
Deschampsia dant	honioides - annual hair grass	1-5%
Eleocharis macr	ostachya - pale spike-rush	<1%
LIEULIIUIIS IIIULI	forming tood much	<1%
	<i>ufonius</i> - toad rush	
Juncus bi	<i>ata</i> - hooked skunkweed	<1%

#### Nonnative Species in Pool:

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Course of Nonnetius Canadias in Desiry 4 50/	aciae Diahuana in Daoine (

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 6Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: 10-25%Days Since Last Rain: 0Ponded Water Present: noDead Species Present in Pool:East Rain: 0

Fiscal Year: 2022

Complex Name: Carroll Canyon (D5-8)

**VP ID:** 1743

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crocanthemum scoparium - peak rush-rose
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hirschfeldia incana - short-pod mustard
Hypochaeris glabra - smooth cat's-ear
Juncus dubius - mariposa rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Marah macrocarpa - chilicothe
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

**Notes:** Psilocarphus brevisimus from last year counted as litter.

Complex Name: Carroll Canyon (D5-8)		<b>VP ID:</b> 1746	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 10.0	Baseline Cover of NA	F <b>O:</b> 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cover of PO	<b>NU:</b> 0.0	
2021 Quantitative Monitoring Data			
Survey Date: 4/22/2022 Survey Sta	rt Time: 09:12 AM	Survey End	Time: 10:37 AM
Surveyors: Amy Mattson, Jonathan Merca	do		
VPHCP Covered Species Present: POAB, E	RAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Bas	in:	Cover of ORCA in Basin:
Cover of POAB in Basin: <1%	Cover of PONU in Bas	in:	
Other Native Species in Pool:			
Spec	ies Name		Cover
Brodiaea Orcutt	ii - Orcutt's brodiaea		<1%
Cuscuta californi	<i>ca</i> - chaparral dodder		<1%
Deinandra fascicul	ata - fascicled tarweed		<1%
Deschampsia dantho	<i>nioides</i> - annual hair gra	SS	<1%
Eleocharis macrost	<i>achya</i> - pale spike-rush		<1%
Juncus bufc	<i>nius</i> - toad rush		<1%
Juncus dubiu	s - mariposa rush		1-5%
Navarretia hamat	a - hooked skunkweed		<1%
Psilocarphus brevissimus var	brevissimus - dwarf wo	ollyheads	1-5%

#### **Nonnative Species in Pool:**

Species Name	Cover
Bromus madritensis - foxtail chess	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 8Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 0Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Carroll Canyon (D5-8)

2021 Quantitative Monitoring Data continued

## Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Baccharis pilularis - coyote brush
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Solanum sp.
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

Notes:

VP ID: 1746

#### Fiscal Year: 2022

Complex Name: Clayton Parcel (J2)

VP ID: 876

2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	eline Cover of ERAR: 1.0 Baseline Cover of NAFO: 0.0	
aseline Cover of POAB: 0.0 Baseline Cover of PONU:		
2021 Quantitative Monitoring Data		
Survey Date: 4/20/2022 Survey S	vey Date: 4/20/2022 Survey Start Time: 08:30 AM Survey End	
Surveyors: Jason Allen, Jonathan Merca	do, Amy Mattson	
VPHCP Covered Species Present: PONU	, ERAR	
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5	%
Other Native Species in Pool:		
Sp	ecies Name	Cover
Acmispon glabe	Acmispon glaber var. glaber - deerweed	
Callitriche marginata - winged water-starwort		1-5%
Deinandra fascio	Deinandra fasciculata - fascicled tarweed	
Juncus bu	Juncus bufonius - toad rush	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		ds <1%
<b>Cover of Other Native Species</b>	in Basin: Other Nati	ve Species Richness in Basin: 12
Nonnative Species in Pool:		
	ocios Namo	Cover

Species Name	Cover
Bromus madritensis - foxtail chess	1-5%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca perennis - rye grass	5-10%
Hordeum marinum ssp. gussoneanum - Mediterranean barley	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Lactuca serriola - prickly lettuce	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	10-25%
Mesembryanthemum nodiflorum - slender-leaved iceplant	<1%
Salsola tragus - Russian thistle	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Sonchus oleraceus - common sow thistle	<1%

**Cover of Nonnative Species in Basin:** >75%

Nonnative Species Richness in Basin: 18

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 6-15

Ponded Water Present: no

 $\label{eq:cover} \mbox{Cover of Rocks/Cobble in Basin: $5-10\%$} \qquad \mbox{Cover of Litter in Basin: $<1\%$}$ 

Fiscal Year: 2022

**Complex Name:** Clayton Parcel (J2)

#### 2021 Quantitative Monitoring Data continued

## Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Dudleya pulverulenta - chalk dudleya
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca perennis - rye grass
Grindelia camporum - gumplant
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Hypochaeris glabra - smooth cat's-ear
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia apiana - white sage
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

Notes:

VP ID: 876

Fiscal Year: 2022

#### Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 1255

2003 Baseline Survey Data		
Baseline Cover of ERAR: 25.0 Baseline Cover of NAF		Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/29/2022 Survey Start	t Time: 02:44 PM Survey End	Time: 03:15 PM
Surveyors: Jason Allen, Amy Mattson, Jona	than Mercado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Deinandra fascicula	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthon	Deschampsia danthonioides - annual hair grass	
Navarretia hamata	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Psilocarphus tenellus -	Psilocarphus tenellus - slender woolly-marbles	
Selaginella cinerascens - ashy spike-moss		1-5%
Sisyrinchium bellum -	Sisyrinchium bellum - western blue-eyed-grass	
Stipa lepida - fo	othill needle grass	<1%
Zeltnera venusta -	Zeltnera venusta - California centaury	

Cover of Other Native Species in Basin:

**Other Native Species Richness in Basin:** 11

Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks graa	SS <1%
Gastridium phleoides - nit grass	<1%
Cover of Nonnative Species in Basin: <1%	Nonnative Species Richness in Basin: 4

Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1%

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 1255

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Heteromeles arbutifolia - toyon
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass

plex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1260	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 30.0	Baseline Cover of N	NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of P	f PONU: 0.0	
021 Quantitative Monitoring Data	1		
Survey Date: 4/29/2022 Surv	ey Start Time: 01:55 PM	Survey End	Time: 02:41 PM
urveyors: Jason Allen, Amy Mattso	n, Jonathan Mercado		
/PHCP Covered Species Present: PC	DAB, ERAR		
Cover of ERAR in Basin: 5-	10% Cover of NAFO in B	Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-	5% Cover of PONU in E	Basin:	
Other Native Species in Pool:			
	Species Name		Cover
Deinandra f	Deinandra fasciculata - fascicled tarweed		5-10%
Deschampsia a	Deschampsia danthonioides - annual hair grass		1-5%
Eleocharis m	Eleocharis macrostachya - pale spike-rush		1-5%
Navarretia	Navarretia hamata - hooked skunkweed		<1%
Plantago	<i>elongata -</i> prairie plantain		1-5%
Psilocarphus brevissim	<i>us</i> var. <i>brevissimus</i> - dwarf v	voollyheads	1-5%
Sisyrinchium b	<i>ellum</i> - western blue-eyed-g	rass	<1%
Stipa lep	<i>ida -</i> foothill needle grass		<1%
Cover of Other Native Spe	cies in Basin: O	ther Native Sp	ecies Richness in Basin: 10

#### Nonnative Species in Pool:

Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Sonchus oleraceus - common sow thistle	<1%

Cover of Nonnative Species in Basin: <1% Nonnative Species Richness in Basin: 4 Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: 1-5% Ponded Water Present: no Days Since Last Rain: 6-15

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 1260

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eriogonum fasciculatum - California buckwheat
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Heteromeles arbutifolia - toyon
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Plantago elongata - prairie plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Notes: Psilocarphus brevisimus from last year counted as litter.

#### Fiscal Year: 2022 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) **VP ID:** 1264 2003 Baseline Survey Data Baseline Cover of ERAR: 15.0 Baseline Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0 Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0 2021 Quantitative Monitoring Data Survey End Time: 12:45 PM Survey Date: 5/12/2022 Survey Start Time: 12:27 PM Surveyors: Jason Allen VPHCP Covered Species Present: ERAR Cover of ERAR in Basin: 10-25% Cover of NAFO in Basin: Cover of ORCA in Basin: Cover of POAB in Basin: Cover of PONU in Basin: **Other Native Species in Pool: Species Name** Cover Crassula connata - pygmy-weed <1% Deinandra fasciculata - fascicled tarweed <1% Deschampsia danthonioides - annual hair grass <1% Eleocharis macrostachya - pale spike-rush <1% Navarretia hamata - hooked skunkweed <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads <1% Selaginella cinerascens - ashy spike-moss 1-5%

Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 7

#### Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nonnative Species in Basin: <1% Nonnative Specie	es Richness in Basin: 4
Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin	:25-50% Cover of Litter in Basin: 1-5%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 1264

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Baccharis pilularis - coyote brush
Bromus madritensis - foxtail chess
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush
Navarretia hamata - hooked skunkweed
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Stipa lepida - foothill needle grass

Fiscal Year: 2022		
Complex Name: Del Mar Mesa (H 1-10, 13	olex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/12/2022 Survey Star	t Time: 01:25 PM Survey End	Time: 02:37 PM
Surveyors: Jason Allen, Stephanie Ayerdis		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Crassula conne	<i>ita</i> - pygmy-weed	<1%
Deinandra fasciculo	ata - fascicled tarweed	<1%
Eleocharis macrosta	achya - pale spike-rush	1-5%
Juncus dubius	Juncus dubius - mariposa rush	
Navarretia hamata	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	1-5%
Psilocarphus tenellus	- slender woolly-marbles	<1%
Selaginella cineraso	cens - ashy spike-moss	1-5%

Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 9

#### Nonnative Species in Pool:

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Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Festuca myuros - rattail sixweeks grass	<1%

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 6

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 50-75%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: >16
 Ponded Water Present: no

 Dead Species Present in Pool:
 Vertice of the second s

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

**VP ID:** 1272

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena barbata - slender wild oat
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

omplex Name: Del Mar Mesa (H 1-10, 1	ex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)	
003 Baseline Survey Data		
aseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
aseline Cover of POAB: 15.0	Baseline Cover of PONU: 0.0	
021 Quantitative Monitoring Data		
urvey Date: 5/12/2022 Survey Sta	rt Time: 02:55 PM Survey En	<b>d Time:</b> 04:25 PM
urveyors: Jason Allen, Stephanie Ayerdis		
PHCP Covered Species Present: POAB, E	RAR	
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 25-50%	Cover of PONU in Basin:	
ther Native Species in Pool:		
Spec	ies Name	Cover
Deinandra fascicu	lata - fascicled tarweed	<1%
Deschampsia dantho	nioides - annual hair grass	<1%
Lasthenia coron	aria - royal goldfields	<1%
Navarretia hamat	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
	scens - ashy spike-moss	1-5%

# Species NameCoverBromus madritensis - foxtail chess<1%</td>Centaurea melitensis - tocalote<1%</td>Festuca myuros - rattail sixweeks grass<1%</td>

 Gastridium phleoides - nit grass
 1-5%

 Cover of Nonnative Species in Basin: 1-5%
 Nonnative Species Richness in Basin: 7

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: >16
 Ponded Water Present: no

 Dead Species Present in Pool:
 Vertical Species Present in Pool

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 1842

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Avena barbata - slender wild oat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cneoridium dumosum - bushrue
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Lasthenia coronaria - royal goldfields
Malosma laurina - laurel sumac
Marah macrocarpa - chilicothe
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Xylococcus bicolor - mission manzanita

#### Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

```
VP ID: 2468
```

Baseline Cover of ERAR: 0.5			<b>NAFO:</b> 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0					
2021 Quantitative Monitor	ing Data				
Survey Date: 5/12/2022	Survey Sta	rt Time: 11:22 AM	Survey End	<b>1 Time:</b> 11:38 AM	
Surveyors: Jason Allen					
VPHCP Covered Species Pre	sent: ERAR				
Cover of ERAR in B	asin: 1-5%	Cover of NAFO in	Basin:	Cover of ORCA in Basin:	
Cover of POAB in E	asin:	Cover of PONU in	Basin:		
Other Native Species in Poc	<u>) :</u>				
	Spec	ies Name		Cover	
A	denostoma fa	<i>sciculatum -</i> chamise		<1%	
Sela	Selaginella cinerascens - ashy spike-moss		1-5%		
Cover of Other Nat	Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basin: 5		

Cover of Nonnative Species in Basin: 1-5%		Nonnative Species Richness in Basin: 0			
Bare Ground Cover in Basin: 25-50%	Cover of Rock	s/Cobble in Basin: 50-75%	Cover of Litter in Basin: 1	L-5%	
Days Since Last Rain: >16	Ponded Wate	r Present: no			
Dead Species Present in Pool:					

Fiscal Year: 2022

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)

VP ID: 2468

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Cneoridium dumosum - bushrue
Eryngium aristulatum var. parishii - San Diego button-celery
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss

#### Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

2003 Baseline Survey Data					
Baseline Cover of ERAR: 1.0		Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	)	Baseline Cover of P	<b>ONU:</b> 0.0		
2021 Quantitative Monitori	ng Data				
Survey Date: 5/19/2022	Survey Sta	r <b>t Time:</b> 11:03 AM	Survey End	Time: 11:10 AM	
Surveyors: J.R. Sundberg, Jac	de Woll				
VPHCP Covered Species Pres	sent: ERAR				
Cover of ERAR in Ba	asin: 1-5%	Cover of NAFO in B	asin:	Cover of ORCA in Basin:	
Cover of POAB in B	asin:	Cover of PONU in B	asin:		
Other Native Species in Poo	<u>l:</u>				
	Species Name		Cover		
Dein	Deinandra fasciculata - fascicled tarweed		1-5%		
Psilocarphus br	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%		
Cover of Other Nat	Cover of Other Native Species in Basin: Other Native Spe		oecies Richness in Basin: 2		

#### **Nonnative Species in Pool:**

Species Name	Cover	
Bromus madritensis - foxtail chess		1-5%
Erodium cicutarium - redstem filaree		1-5%
Festuca myuros - rattail sixweeks grass		<1%
Cover of Nonnative Species in Basin: 5-10%	Nonnative Specie	es Richness in Basin: 5

Bare Ground Cover in Basin: >75% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

**VP ID:** 1141

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Simmondsia chinensis - jojoba

115641 16411 2022	<b>Fiscal</b>	Year:	2022
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Complex Name: Goat Mesa (J1	.6-18)	<b>VP ID:</b> 1142	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cover	of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover	of PONU: 0.0	
2021 Quantitative Monitoring	Data		
Survey Date: 5/19/2022	Survey Start Time: 10:51 AM	Survey End	Time: 10:59 AM
Surveyors: J.R. Sundberg, Jade	Woll		
VPHCP Covered Species Presen	it: ERAR		
Cover of ERAR in Basir	n: <1% Cover of NAFO	in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basi	n: Cover of PONU	in Basin:	
Other Native Species in Pool:			
	Species Name	Cover	
Deinand	<i>dra fasciculata</i> - fascicled tarv	weed	1-5%
Psilocarphus brevi	issimus var. brevissimus - dwa	1-5%	
<b>Cover of Other Native</b>	Species in Basin:	oecies Richness in Basin: 4	
Nonnative Species in Pool:			
	Species Name	Cover	
Bror	<i>mus madritensis</i> - foxtail ches	is	1-5%
Erodi	<i>um cicutarium -</i> redstem filar	<1%	

Festuca myuros - rattail sixweeks grass 1-5% **Cover of Nonnative Species in Basin:** 10-25% **Nonnative Species Richness in Basin:** 5

Bare Ground Cover in Basin: 50-75% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 1-5% Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

VP ID: 1142

#### 2021 Quantitative Monitoring Data continued

## Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba

Fiscal `	Year:	2022
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Complex Name: Goat Mesa (J16-18)	<b>VP ID:</b> 1189		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/19/2022 Survey Start	Time: 11:22 AM Survey End T	Time: 11:45 AM	
Surveyors: J.R. Sundberg, Jade Woll			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Specie	Species Name		
Deinandra fasciculat	Deinandra fasciculata - fascicled tarweed		
Psilocarphus brevissimus var. b	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Cover of Other Native Species in B	Cover of Other Native Species in Basin: Other Native Spe		
Nonnative Species in Pool:			
Specie	s Name	Cover	
Bromus madriter	Bromus madritensis - foxtail chess		
Erodium cicutariu	Erodium cicutarium - redstem filaree		
Festuca myuros - ra	attail sixweeks grass	<1%	

Logfia gallica - daggerleaf cottonrose **Cover of Nonnative Species in Basin:** 1-5%

**Nonnative Species Richness in Basin:** 5

<1%

Bare Ground Cover in Basin: 50-75% Cover of Rocks/Cobble in Basin: 5-10% **Cover of Litter in Basin:** <1%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

VP ID: 1189

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Navarretia hamata - hooked skunkweed
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba

Fiscal Ye	ear: 2022			
Complex	<b>x Name:</b> Goat Mesa (J16-18)			<b>VP ID:</b> 1775
2003 Ba	seline Survey Data			
Baseline	e Cover of ERAR: 0.0	Baseline Cover o	of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline	Cover of POAB: 0.0	Baseline Cover o	of PONU: 0.0	
2021 Qu	antitative Monitoring Data			
Survey D	Date: 5/19/2022 Survey Sta	rt Time: 11:48 AM	Survey End	Time: 12:03 PM
Surveyo	rs: J.R. Sundberg, Jade Woll			
VPHCP C	Covered Species Present: ERAR			
	Cover of ERAR in Basin: <1%	Cover of NAFO in	n Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin:	Cover of PONU in	n Basin:	
Other Na	ative Species in Pool:			
	Species Name		Cover	
	Deinandra fasciculata - fascicled tarweed		1-5%	
	Juncus bufonius - toad rush		<1%	
	Plagiobothrys sp.		1-5%	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		50_75	
	Cover of Other Native Species in	Basin:	Other Native Sp	ecies Richness in Basin: 7
Nonneti	vo Spacios in Bool:			
wonnau	ve Species in Pool:	ies Name		Cover
		tensis - foxtail chess		
	Bromus maani	ensis - ioxtali chess		<1%

Cover of Nonnative Energies in Pasing 5, 100/	a Species Richness in Pasin, 7
Spergularia sp.	<1%
Salsola tragus - Russian thistle	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Erodium cicutarium - redstem filaree	1-5%
Bromus madritensis - foxtail chess	<1%

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 7

 Bare Ground Cover in Basin: 50-75%
 Cover of Rocks/Cobble in Basin: 1-5%
 Cover of Litter in Basin: <1%</td>

 Days Since Last Rain: >16
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

Fiscal Year: 2022

**Complex Name:** Goat Mesa (J16-18)

VP ID: 1775

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Lamarckia aurea - golden-top
Lasthenia californica - California goldfields
Mirabilis laevis var. crassifolia - wishbone bush
Plagiobothrys sp.
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba

Fiscal Year: 2022		
Complex Name: Goat Mesa (J16-18)		<b>VP ID:</b> 1920
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/19/2022 Survey Sta	rt Time: 12:05 PM Survey En	<b>d Time:</b> 12:15 PM
Surveyors: J.R. Sundberg, Jade Woll		
VPHCP Covered Species Present:		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Deinandra fascicu	lata - fascicled tarweed	1-5%
Plagiobothrys sp.		1-5%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		10-25%
Cover of Other Native Species in	Basin: Other Native	Species Richness in Basin: 5
Nonnative Species in Pool:		
Spec	ies Name	Cover
Bromus horde	eaceus - soft chess	<1%
Bromus madritensis - foxtail chess		<1%

Erodium cicutarium	- redstem filaree	1-5%
Festuca myuros - rati	tail sixweeks grass	<1%
Lamarckia aurec	a - golden-top	<1%
Cover of Nonnative Species in Basin	: 1-5% Nonnative Species Richne	ess in Basin: 5
Bare Ground Cover in Basin: 25-50%	Cover of Rocks/Cobble in Basin: 5-10%	Cover of Litter in Basin: <1%
Days Since Last Rain: >16	Ponded Water Present: no	

Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

**VP ID:** 1920

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Plagiobothrys sp.
Simmondsia chinensis - jojoba

Fiscal Year: 2022					
Complex Name:	Goat Mesa (J16-18)			<b>VP ID:</b> 2642	
2005 Baseline Su	irvey Data				
Baseline Cover o	f ERAR: 5.0	Baseline Cover o	f NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover o	f POAB: 0.0	Baseline Cover o	f PONU: 0.0		
2021 Quantitativ	e Monitoring Data				
Survey Date: 5/1	9/2022 Survey Star	t Time: 10:30 AM	Survey End	Time: 10:45 AM	
Surveyors: J.R. Su	undberg, Jade Woll				
VPHCP Covered S	Species Present: ERAR				
Cover of	f ERAR in Basin: 10-25%	Cover of NAFO in	n Basin:	Cover of ORCA in Basin:	
Cover of	f POAB in Basin:	Cover of PONU in	n Basin:		
Other Native Spe	ecies in Pool:				
	Speci	es Name		Cover	
	Deinandra fasciculata - fascicled tarweed		eed	1-5%	
	Eleocharis macrostachya - pale spike-rush		<1%		
	Plagiobothrys sp.		<1%		
	Simmondsia chinensis - jojoba		<1%		
Cover of	f Other Native Species in	Basin:	Other Native Sp	ecies Richness in Basin: 5	
Nonnative Specie	os in Pool:				
Nonnative Specie		es Name		Cover	
				<1%	
	Bromus hordeaceus - soft chess		<170		

Cover of Nonnative Species in Basin: 10-25%	Nonnative Species Richness in Basin: 5
Sonchus asper ssp. asper - prickly sow	thistle <1%
Bromus madritensis - foxtail ches	s <1%
Bromus hordeaceus - soft chess	<1%
Species Marine	COVEI

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:

Appendix B-2 121

Fiscal Year: 2022

Complex Name: Goat Mesa (J16-18)

VP ID: 2642

#### 2021 Quantitative Monitoring Data continued

## Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree

#### Fiscal Year: 2022

#### Complex Name: Greystone Torrey Highlands (H39)

**VP ID:** 1177

2003 Baseline Survey Data					
Baseline Cover of ERAR: 1.0	Base	line Cover of NA	FO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 3.0	Base	line Cover of PO	<b>NU:</b> 0.0		
2021 Quantitative Monitorin	ıg Data				
Survey Date: 4/29/2022	Survey Start Time	: 12:36 PM	Survey End	Time: 01:18 PM	
Surveyors: Jason Allen, Amy N	Mattson, Jonathan N	Лercado			
VPHCP Covered Species Pres	ent: POAB, ERAR				
Cover of ERAR in Bas	sin: 1-5% Cove	er of NAFO in Bas	sin:	Cover of ORCA in Basin:	
Cover of POAB in Ba	isin: 25-50% Cove	er of PONU in Bas	sin:		
Other Native Species in Pool	<u>:</u>				
	Species Nan	ne		Cover	
Deinandra fasciculata - fascicled tarweed		<1%			
Deschar	npsia danthonioides	- annual hair gra	SS	<1%	
Eleocharis macrostachya - pale spike-rush		1-5%			
Ори	Opuntia littoralis - coast prickly-pear		<1%		
Psilocarphus bre	evissimus var. breviss	<i>simus</i> - dwarf wo	ollyheads	5-10%	
Cover of Other Nativ	ve Species in Basin:	Oth	er Native Sp	ecies Richness in Basin: 12	

#### Nonnative Species in Pool:

Species Name	Cover
Bromus madritensis - foxtail chess	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	5-10%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 25-50%Nonnative Species Richness in Basin: 11Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Greystone Torrey Highlands (H39)

**VP ID:** 1177

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Baccharis pilularis - coyote brush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Geranium californicum - California geranium
Heteromeles arbutifolia - toyon
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Yucca schidigera - Mojave yucca

Fiscal Year: 2022

Complex Name: Lopez Ridge (B7-8)

VP ID: 706

Baseline Cover of ERAR: 0.5	seline Cover of ERAR: 0.5 Baseline Cover of NAFO: 0.0	
Baseline Cover of POAB: 2.0	eline Cover of POAB: 2.0 Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/29/2022 Survey Star	rt Time: 10:00 AM Survey En	<b>d Time:</b> 11:40 AM
Surveyors: Jason Allen, Amy Mattson, Jona	athan Mercado	
/PHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	ies Name	Cover
Allium haematoc	Allium haematochiton - red-skin onion	
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea	
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		5-10%
Hordeum interce	Hordeum intercedens - bobtail barley	
Juncus bufo	Juncus bufonius - toad rush	
Muilla maritim	Muilla maritima - common muilla	
Navarretia hamata	Navarretia hamata - hooked skunkweed	
Opuntia littorali	Opuntia littoralis - coast prickly-pear	
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Selaginella cinerascens - ashy spike-moss		<1%
Selugitiena citieras	, ,	

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%

 Cover of Nonnative Species in Basin: <1%</th>
 Nonnative Species Richness in Basin: 9

 Bare Ground Cover in Basin: 25-50%
 Cover of Rocks/Cobble in Basin: 25-50%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Lopez Ridge (B7-8)

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name	
Acmispon glaber var. glaber - deerweed	
Adenostoma fasciculatum - chamise	
Allium haematochiton - red-skin onion	
Apiastrum angustifolium - mock-parsley	
Avena barbata - slender wild oat	
Bloomeria clevelandii - San Diego goldenstar	
Brodiaea Orcuttii - Orcutt's brodiaea	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Clarkia purpurea ssp. quadrivulnera - four-spot	
Crassula connata - pygmy-weed	
Crocanthemum scoparium - peak rush-rose	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Dipterostemon capitatus - blue dicks	
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow	
Erodium botrys - long-beak filaree/storksbill	
Festuca myuros - rattail sixweeks grass	
Galium angustifolium ssp. angustifolium - narrow leaved bedstraw	
Hedypnois rhagadioloides - crete weed	
Hypochaeris glabra - smooth cat's-ear	
Logfia gallica - daggerleaf cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Malosma laurina - laurel sumac	
Microseris douglasii ssp. platycarpha - small-flowered microseris	
Muilla maritima - common muilla	
Navarretia hamata - hooked skunkweed	
Opuntia littoralis - coast prickly-pear	
Osmadenia tenella - osmadenia	
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta	
Pogogyne abramsii - San Diego mesa mint	
Primula clevelandii - padre's shooting star	
Pseudognaphalium californicum - California everlasting	
Selaginella cinerascens - ashy spike-moss	
Sonchus oleraceus - common sow thistle	

**VP ID:** 706

#### Fiscal Year: 2022

Complex Name: Lopez Ridge (B7-8)

VP ID: 706

Stipa pulchra - purple needle grass Zeltnera venusta - California centaury

Notes: Psilocarphus brevisimus from last year counted as litter.

Fiscal Year: 2022		
Complex Name: Lopez Ridge (B7-8)		<b>VP ID:</b> 712
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/29/2022 Survey Start Time: 08:54 AM Survey End Time: 09:48 AM		
Surveyors: Jason Allen, Amy Mattson, Jon	nathan Mercado	
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	cies Name	Cover
Crassula aquatic	ca - water pygmyweed	<1%
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed	
Deschampsia dantho	Deschampsia danthonioides - annual hair grass	
Juncus buf	Juncus bufonius - toad rush	
Navarretia hamata - hooked skunkweed		<1%
Osmadenia tenella - osmadenia		<1%
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta		<1%
Phalaris lemmonii	Phalaris lemmonii - Lemmon's canary grass	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Selaginella cinera	Selaginella cinerascens - ashy spike-moss	
Sisyrinchium bellum	Sisyrinchium bellum - western blue-eyed-grass	
Zeltnera venusta	a - California centaury	<1%
Cover of Other Native Species in	Basin: Other Native S	pecies Richness in Basin: 18

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Cover of Nonnative Species in Basin: <1% Nonnativ	e Species Richness in Basin: 10

Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: 1-5% Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Lopez Ridge (B7-8)

2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Avena barbata - slender wild oat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Ceanothus tomentosus - Ramona-Iilac
Centaurea melitensis - tocalote
Clarkia purpurea ssp. quadrivulnera - four-spot
Crocanthemum scoparium - peak rush-rose
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Galium aparine - goose grass
Hedypnois rhagadioloides - crete weed
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Logfia gallica - daggerleaf cottonrose
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Pseudognaphalium californicum - California everlasting
Sisymbrium irio - London rocket
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

**Notes:** Psilocarphus brevisimus from last year counted as litter.

**VP ID:** 712

Fiscal Year: 2022

Complex Name: Montgomery Field (N5-6)

VP ID: 4256

2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0 Baseline Cover of NAFO		Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey	<b>d Time:</b> 10:09 AM	
Surveyors: JR Sundberg, Kayo Valenti,	Jade Woll	
VPHCP Covered Species Present: POAI	3	
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Species Name		Cover
Brodiaea Ore	Brodiaea Orcuttii - Orcutt's brodiaea	
Clarkia purpurea ssp. quadrivulnera - four-spot		<1%
Crassula aqua	Crassula aquatica - water pygmyweed	
Deschampsia dan	Deschampsia danthonioides - annual hair grass	
Eleocharis mac	Eleocharis macrostachya - pale spike-rush	
Holocarpha virgata	Holocarpha virgata ssp. elongata - graceful tarplant	
Juncus b	Juncus bufonius - toad rush	
Plagiobothrys acanth	nocarpus - adobe popcornflower	<1%
Pogogyne abra	Pogogyne abramsii - San Diego mesa mint	
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

Cover of Other Native Species in Basin:

**Other Native Species Richness in Basin:** 18

#### **Nonnative Species in Pool:**

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	1-5%
Erodium botrys - long-beak filaree/storksbill	5-10%
Festuca myuros - rattail sixweeks grass	1-5%
Hypochaeris glabra - smooth cat's-ear	1-5%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 5-10% Nonn

Psilocarphus tenellus - slender woolly-marbles

Nonnative Species Richness in Basin: 11

Bare Ground Cover in Basin: >75% Days Since Last Rain: >16

**Dead Species Present in Pool:** 

Cover of Rocks/Cobble in Basin: 1-5% Ponded Water Present: no **Cover of Litter in Basin:** <1%

<1%

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 4256

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena sp.
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Clarkia purpurea ssp. quadrivulnera - four-spot
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Stipa pulchra - purple needle grass

**Notes:** Gopher mounds throughout.

Complex Name: Montgomery Field (N5-6)         2003 Baseline Survey Data         Baseline Cover of ERAR: 0.0       Baseline Cover of NAFO: 0.0         Baseline Cover of POAB: 0.5       Baseline Cover of PONU: 0.0         2021 Quantitative Monitoring Data       Survey Date: 4/21/2022         Survey Date: 4/21/2022       Survey Start Time: 11:07 AM         Surveyors: J. R. Sundberg       Survey Start Time: 11:07 AM         VPHCP Covered Species Present: POAB       Cover of RAR in Basin:         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Other Native Species in Pool:       Species Name         Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed         Eleocharis macrostachya - pale spike-rush       Eleocharis macrostachya - pale spike-rush	VP ID: 4596 Baseline Cover of ORCA: 0.0 1:20 AM of ORCA in Basin:
Baseline Cover of ERAR: 0.0       Baseline Cover of NAFO: 0.0         Baseline Cover of POAB: 0.5       Baseline Cover of PONU: 0.0         2021 Quantitative Monitoring Data       2021 Quantitative Monitoring Data         Survey Date: 4/21/2022       Survey Start Time: 11:07 AM         Surveyors: J. R. Sundberg       Survey Covered Species Present: POAB         Cover of ERAR in Basin:       Cover of NAFO in Basin:         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Other Native Species in Pool:       Species Name         Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed	1:20 AM
Baseline Cover of POAB: 0.5       Baseline Cover of PONU: 0.0         2021 Quantitative Monitoring Data         Survey Date: 4/21/2022       Survey Start Time: 11:07 AM         Surveyors: J. R. Sundberg         VPHCP Covered Species Present: POAB         Cover of ERAR in Basin:       Cover of NAFO in Basin:         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Other Native Species in Pool:         Baseline Cover of Brodiaea Orcuttii - Orcutt's brodiaea         Deinandra fasciculata - fascicled tarweed	1:20 AM
2021 Quantitative Monitoring Data         Survey Date: 4/21/2022       Survey Start Time: 11:07 AM       Survey End Time: 1         Surveyors: J. R. Sundberg         VPHCP Covered Species Present: POAB         Cover of ERAR in Basin:       Cover of NAFO in Basin:       Cover         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:       Cover         Other Native Species in Pool:       Species Name       Image: Cover of Cov	
Survey Date: 4/21/2022 Survey Start Time: 11:07 AM Survey End Time: 1 Surveyors: J. R. Sundberg VPHCP Covered Species Present: POAB Cover of ERAR in Basin: Cover of NAFO in Basin: Cover Cover of POAB in Basin: 1-5% Cover of PONU in Basin: Other Native Species in Pool: Brodiaea Orcuttii - Orcutt's brodiaea Deinandra fasciculata - fascicled tarweed	
Surveyors: J. R. Sundberg VPHCP Covered Species Present: POAB Cover of ERAR in Basin: Cover of NAFO in Basin: Cover Cover of POAB in Basin: 1-5% Cover of PONU in Basin: Other Native Species in Pool: Cover of POAB in Basin: 1-5% Cover of PONU in Basin: Delinandra fasciculata - fascicled tarweed Cover of Cover of Cover of Cover of PONU in Basin: Cover of POAB in Basin: 1-5% Cover of PONU in Basin: Cove	
VPHCP Covered Species Present: POAB         Cover of ERAR in Basin:       Cover of NAFO in Basin:         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Other Native Species in Pool:       Other Native Species in Pool:         Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed	of ORCA in Basin:
Cover of ERAR in Basin:       Cover of NAFO in Basin:       Cover         Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:       Cover         Other Native Species in Pool:       Species Name       Cover         Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed       Cover	of ORCA in Basin:
Cover of POAB in Basin: 1-5%       Cover of PONU in Basin:         Other Native Species in Pool:       Species Name         Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed	of ORCA in Basin:
Other Native Species in Pool:       Species Name       Brodiaea Orcuttii - Orcutt's brodiaea       Deinandra fasciculata - fascicled tarweed	
Species Name Brodiaea Orcuttii - Orcutt's brodiaea Deinandra fasciculata - fascicled tarweed	
Brodiaea Orcuttii - Orcutt's brodiaea Deinandra fasciculata - fascicled tarweed	
Deinandra fasciculata - fascicled tarweed	Cover
	<1%
Eleocharis macrostachya - pale spike-rush	<1%
	<1%
Holocarpha virgata ssp. elongata - graceful tarplant	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	1-5%
Cover of Other Native Species in Basin: Other Native Species R	

Species Name	Cover
Avena sp.	<1%
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Hypochaeris glabra - smooth cat's-ear	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 6

 Bare Ground Cover in Basin: 50-75%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: <1%</td>

 Days Since Last Rain: 1-5
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

 Dead Species Present in Pool:
 Vertice Present: no
 Vertice Present: no

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 4596

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Avena sp.
Baccharis sarothroides - broom baccharis
Bloomeria sp.
Bromus madritensis - foxtail chess
Dipterostemon capitatus - blue dicks
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Malosma laurina - laurel sumac
Polypogon monspeliensis - rabbitfoot grass

	Ani	nual VPHCP Cov	vered Plan	it Monitoring	
Fiscal Year: 2022					
Complex Name: Montgomery Field (N5-6)			<b>VP ID:</b> 5352		
2003 Baseline Survey Data					
aseline Cover of ERAR: 0.0 Baseline Cover of		NAFO: 0.0	Baseline Cov	ver of ORCA: 0.0	
Baseline Cover of POAB: 0.5	aseline Cover of POAB: 0.5 Baseline Cover of PONU: 0.0				
2021 Quantitative Monitori	ng Data				
Survey Date: 4/21/2022	Survey Sta	rt Time: 11:06 AM	Survey En	<b>d Time:</b> 11:42 AM	
Surveyors: Kayo Valenti, Jad	e Woll				
VPHCP Covered Species Pres	sent: POAB				
Cover of ERAR in Ba	asin:	Cover of NAFO in Basin:		Cover of ORCA in Bas	sin:
Cover of POAB in B	Cover of POAB in Basin: 5-10% Cover of PONU in Basin:				
Other Native Species in Poo	<u>l:</u>				
	Species Name			Co	over
Cra	Crassula aquatica - water pygmyweed			<	:1%
	Croton setiger - doveweed		<	:1%	
Dein	Deinandra fasciculata - fascicled tarweed		<	:1%	
Eleoc	Eleocharis macrostachya - pale spike-rush		<	:1%	
Psilocarphus br	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1	-5%	
Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basir	ı: 11		
Nonnative Species in Pool:					
	Spec	ies Name		Co	over
		ena sp.			:1%

Avena sp.	<1%
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Hypochaeris glabra - smooth cat's-ear	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 8

 Bare Ground Cover in Basin: 25-50%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: >16
 Ponded Water Present: no

 Dead Species Present in Pool:
 Vertice of the second s

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5352

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena sp.
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Selaginella cinerascens - ashy spike-moss

Fiscal Year: 2022

complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5355
2003 Baseline Survey Data		
aseline Cover of ERAR: 0.0 Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey Sta	vey Date: 4/21/2022 Survey Start Time: 11:26 AM Survey End T	
Surveyors: J. R. Sundberg		
VPHCP Covered Species Present:		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Species Name		Cover
Brodiaea Orcuttii - Orcutt's brodiaea		<1%
Crassula aquatica - water pygmyweed		5-10%
Deschampsia danthonioides - annual hair grass		<1%
Plagiobothrys acanthoco	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago elongo	Plantago elongata - prairie plantain	
Plantago erecta	a - dot-seed plantain	1-5%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

**Cover of Other Native Species in Basin: Other Native Species Richness in Basin:** 9

### **Nonnative Species in Pool:**

Species	Cover	
Erodium botrys - long-beak filaree/storksbill		1-5%
Festuca myuros - rattail sixweeks grass		1-5%
Cover of Nonnative Species in Basin	Richness in Basin: 3	
Bare Ground Cover in Basin: >75%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: >16	Ponded Water Present: no	

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5355

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acacia sp.
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Galium angustifolium ssp. angustifolium - narrow leaved bedstraw
Malosma laurina - laurel sumac
Selaginella cinerascens - ashy spike-moss

Fiscal Year: 2022			
Complex Name: Montgomery Fi	ield (N5-6)		<b>VP ID:</b> 5356
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cov	er of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0	Baseline Cov	er of PONU: 0.0	
2021 Quantitative Monitoring D	lata		
Survey Date: 4/21/2022 Su	urvey Start Time: 02:39 P	PM Survey End	Time: 02:51 PM
Surveyors: J. R. Sundberg			
VPHCP Covered Species Present	: POAB		
Cover of ERAR in Basin:	Cover of NAF	O in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin	Cover of PON	NU in Basin:	
Other Native Species in Pool:			
	Species Name		Cover
Acmispon amer	ricanus var. americanus -	Spanish lotus	<1%
Brodia	<i>iea Orcuttii</i> - Orcutt's broo	diaea	<1%
Crassule	<i>a aquatica</i> - water pygmy	/weed	1-5%
Ci	Croton setiger - doveweed		<1%
Deinandr	Deinandra fasciculata - fascicled tarweed		<1%
Eleochari	Eleocharis macrostachya - pale spike-rush		<1%
Plagiobothrys o	<i>acanthocarpus</i> - adobe po	opcornflower	<1%
Psilocarphus breviss	<i>simus</i> var. <i>brevissimus</i> - d	warf woollyheads	5-10%
Cover of Other Native S	Species in Resin.	Other Netive C	encine Dichmone in Decine 7

**Cover of Other Native Species in Basin:** 

**Other Native Species Richness in Basin:** 7

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	10-25%
Hypochaeris glabra - smooth cat's-ear	5-10%
Sonchus asper ssp. asper - prickly sow thistle	<1%

**Cover of Nonnative Species in Basin:** 5-10% Cover of Rocks/Cobble in Basin: <1%

Nonnative Species Richness in Basin: 6

**Cover of Litter in Basin:** <1%

Bare Ground Cover in Basin: >75%

Ponded Water Present: no

Dead Species Present in Pool:

Days Since Last Rain: >16

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5356

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Avena sp.
Baccharis sarothroides - broom baccharis
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Croton setiger - doveweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Pogogyne abramsii - San Diego mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rumex crispus - curly dock
Uropappus lindleyi - silver puffs

Fiscal Year: 2022		
Complex Name: Montgomery Field (N5-6)	nplex Name: Montgomery Field (N5-6)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 30.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey Star	t Time: 02:52 PM Survey En	d Time: 03:09 PM
Surveyors: J. R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 10-25%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	Species Name	
Brodiaea Orcutti	Brodiaea Orcuttii - Orcutt's brodiaea	
Castilleja exserta ssp. ez	x <i>serta</i> - purple owl's clover	<1%
Crassula aquatica	- water pygmyweed	1-5%
Deschampsia danthor	<i>iioides -</i> annual hair grass	<1%
Downingia cuspidat	ta - toothed downingia	1-5%
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush	
Phalaris lemmonii -	Phalaris lemmonii - Lemmon's canary grass	
Pilularia american	Pilularia americana - American pillwort	
Pogogyne abramsii	Pogogyne abramsii - San Diego mesa mint	
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	5-10%
Cover of Other Native Species in	Basin: Other Native S	Species Richness in Basin: 10

### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Hypochaeris glabra - smooth cat's-ear	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 5-10% Nonnative Species Richness in Basin: 8

Bare Ground Cover in Basin: 50-75% Cover of Rocks/Cobble in Basin: 1-5% Cover of Litter in Basin: <1%

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5358

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Avena sp.
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Castilleja exserta ssp. exserta - purple owl's clover
Centaurea melitensis - tocalote
Cyperus eragrostis - tall flatsedge
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Hordeum sp.
Hypochaeris glabra - smooth cat's-ear
Opuntia littoralis - coast prickly-pear
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

<b>Fiscal</b>	Year:	2022
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Complex Name:	Montgomery Field (N5-6)

2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 30.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey St	art Time: 03:21 PM Survey En	<b>d Time:</b> 03:46 PM
Surveyors: J. R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Brodiaea Orcu	ttii - Orcutt's brodiaea	<1%
Eleocharis macro	<i>stachya</i> - pale spike-rush	1-5%
Holocarpha virgata ss	Holocarpha virgata ssp. elongata - graceful tarplant	
Plagiobothrys acantho	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago elon	Plantago elongata - prairie plantain	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

#### **Nonnative Species in Pool:**

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	5-10%
Lythrum hyssopifolia - grass poly	1-5%
Cover of Nonnative Species in Basin: 10-25% Nonnative Spe	cies Richness in Basin: 8

Bare Ground Cover in Basin: 50-75%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:

VP ID: 5363

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5363

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Plagiobothrys acanthocarpus - adobe popcornflower
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium californicum - California everlasting

Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5369	
		,	
	seline Survey Data		
Baseline Cover of ERAR: 0.0 Baseline Cover of POAB: 30.0		Baseline Cover of NAFO: 0.0Baseline Cover of ORCA: 0	
		Baseline Cover of PONU: 0.0	
2021 Qu	antitative Monitoring Data		
Survey D	Date: 4/21/2022         Survey Star	rt Time: 02:29 PM Survey End	<b>d Time:</b> 02:55 PM
Surveyo	<b>rs:</b> Kayo Valenti, Jade Woll		
VPHCP C	Covered Species Present: POAB		
	Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other N	ative Species in Pool:		
	Speci	ies Name	Cover
	Brodiaea Orcutt	ii - Orcutt's brodiaea	<1%
	Crassula aquatico	a - water pygmyweed	5-10%
	Croton seti	<i>ger</i> - doveweed	<1%
	Deschampsia danthoi	nioides - annual hair grass	<1%
	Holocarpha virgata ssp.	<i>elongata</i> - graceful tarplant	<1%
	Microseris douglasii ssp. platy	carpha - small-flowered microseris	<1%
	Phalaris lemmonii -	Lemmon's canary grass	<1%
	Plagiobothrys acanthoco	arpus - adobe popcornflower	<1%
	Pogogyne abramsii	- San Diego mesa mint	10-25%
	0.07	brevissimus - dwarf woollyheads	5-10%
		- slender woolly-marbles	1-5%
	Cover of Other Native Species in	•	pecies Richness in Basin: 12

#### **Nonnative Species in Pool:**

Species Name	Cover
Avena sp.	<1%
Bromus hordeaceus - soft chess	1-5%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	1-5%
Lactuca serriola - prickly lettuce	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 13

Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1% Ponded Water Present: no Days Since Last Rain: 0

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5369

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Avena sp.
Baccharis sarothroides - broom baccharis
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Gazania linearis - treasure flower
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Pseudognaphalium biolettii - bicolor cudweed
Rumex crispus - curly dock
Stebbinsoseris heterocarpa - grassland silverpuffs

Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5371		
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 15.0	Baseline Cover of PONU: 0.0			
2021 Quantitative Monitoring Data				
Survey Date: 4/21/2022 Survey Sta	art Time: 01:38 PM Survey En	d Time: 02:24 PM		
Surveyors: J. R. Sundberg, Kayo Valenti, Jade Woll				
VPHCP Covered Species Present: POAB				
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:		
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:			
Other Native Species in Pool:				
Spe	cies Name	Cover		
Brodiaea Orcut	ttii - Orcutt's brodiaea	<1%		
Castilleja exserta ssp.	exserta - purple owl's clover	<1%		
Cyperus erag	Cyperus eragrostis - tall flatsedge			
Deinandra fascica	Deinandra fasciculata - fascicled tarweed			
Plagiobothrys acantho	Plagiobothrys acanthocarpus - adobe popcornflower			
Plantago elong	Plantago elongata - prairie plantain			
Plantago erect	Plantago erecta - dot-seed plantain			
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads			

#### **Nonnative Species in Pool:**

Species Name	Cover
Avena sp.	<1%
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Gazania linearis - treasure flower	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 25-50% Nonnative Species Richness in Basin: 14

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: no

\_\_\_\_\_

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

**VP ID:** 5371

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena sp.
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Gazania linearis - treasure flower
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Malosma laurina - laurel sumac
Marah macrocarpa - chilicothe

Complex Name: Montgomery Field (N5-	<b>VP ID:</b> 5388			
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 5.0	Baseline Cover of PONU: 0.0			
2021 Quantitative Monitoring Data				
Survey Date: 4/21/2022 Survey Sta	art Time: 10:28 AM Survey En	<b>d Time:</b> 10:46 AM		
Surveyors: J. R. Sundberg				
VPHCP Covered Species Present: POAB				
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:		
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:			
Other Native Species in Pool:				
Spe	cies Name	Cover		
Bloomeria clevelan	<i>dii</i> - San Diego goldenstar	<1%		
Brodiaea Orcut	tii - Orcutt's brodiaea	1-5%		
Crassula aquatio	ca - water pygmyweed	1-5%		
Crassula con	nata - pygmy-weed	1-5%		
Deschampsia dantha	onioides - annual hair grass	5-10%		
Holocarpha virgata ssp	. <i>elongata</i> - graceful tarplant	<1%		
Hoove	Hooveria parviflora			
Pilularia america	<i>ına</i> - American pillwort	<1%		
Plagiobothrys acanthoo	Plagiobothrys acanthocarpus - adobe popcornflower			
Pogogyne abrams	<i>ii</i> - San Diego mesa mint	<1%		
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%		
Selaginella cinera	scens - ashy spike-moss	1-5%		

#### Nonnative Species in Pool:

Species Name	Cover	
Avena barbata - slender wild oat	<1%	
Bromus madritensis - foxtail chess	<1%	
Dittrichia graveolens - stinkwort	<1%	
Erodium botrys - long-beak filaree/storksbill	1-5%	
Festuca myuros - rattail sixweeks grass	1-5%	
Festuca perennis - rye grass	<1%	
Hypochaeris glabra - smooth cat's-ear	<1%	
Polypogon monspeliensis - rabbitfoot grass	<1%	
Cover of Nonnative Species in Basin: 5-10% Nonnative Species Richness in Basin: 7		

Bare Ground Cover in Basin: >75% Cover of Rocks/Cobble in Basin: 1-5% Cover of Litter in Basin: <1%

Days Since Last Rain: >16

Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5388

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bloomeria clevelandii - San Diego goldenstar
Bromus diandrus - ripgut grass
Bromus madritensis - foxtail chess
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Downingia cuspidata - toothed downingia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Malosma laurina - laurel sumac
Pilularia americana - American pillwort
Plagiobothrys acanthocarpus - adobe popcornflower
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss

Fiscal Year: 2	022
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Complex Name: Montgomery Field (N5	<b>VP ID:</b> 5423	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.5	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey S	tart Time: 10:30 AM Survey En	<b>d Time:</b> 10:51 AM
Surveyors: Kayo Valenti, Jade Woll		
/PHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spo	ecies Name	Cover
Brodiaea Orcu	<i>ittii</i> - Orcutt's brodiaea	<1%
Crassula aquat	ica - water pygmyweed	<1%
Deinandra fascio	culata - fascicled tarweed	<1%
Deschampsia danth	nonioides - annual hair grass	<1%
Downingia cuspie	data - toothed downingia	1-5%
Navarretia ham	Navarretia hamata - hooked skunkweed	
Osmadenia tenella - osmadenia		<1%
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Stebbinsoseris heter	Stebbinsoseris heterocarpa - grassland silverpuffs	
<b>Cover of Other Native Species</b>	in Basin: Other Native	Species Richness in Basin: 14

#### **Nonnative Species in Pool:**

Species	Name	Cover
Bromus hordeaceus - soft chess		<1%
Bromus madritensis - foxtail chess		<1%
Erodium botrys - long-beak filaree/storksbill		1-5%
Festuca myuros - rattail sixweeks grass		<1%
Hypochaeris glabra - smooth cat's-ear		<1%
Cover of Nonnative Species in Basin	1-5% Nonnative Species Rich	ness in Basin: 7
Bare Ground Cover in Basin: >75%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: <1%

**Bare Ground Cover in Basin:** >75% **Cover of Rocks/Cobble in Basin:** 1-5% Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 5423

## 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Bloomeria sp.
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Erodium sp.
Ferocactus viridescens - San Diego barrel cactus
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Selaginella cinerascens - ashy spike-moss

Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 6351
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.5	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/21/2022 Survey Sta	rt Time: 11:55 AM Survey En	<b>d Time:</b> 12:19 PM
Surveyors: J. R. Sundberg, Kayo Valenti, Ja	ade Woll	
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: <1%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Species Name		Cover
Deschampsia danthonioides - annual hair grass		<1%
Cover of Other Native Species in Basin: Other Native Spe		Species Richness in Basin: 6
Nonnative Species in Pool:		
Spec	ies Name	Cover
Avena sp.		<1%
Bromus hordeaceus - soft chess		<1%
Bromus madritensis - foxtail chess		<1%
Erodium botrys - long-beak filaree/storksbill		1-5%
Festuca myuros - rattail sixweeks grass		1-5%
Gastridium phleoides - nit grass		
Gastridium pl	hleoides - nit grass	1-5%

Bare Ground Cover in Basin: >75%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:

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Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 6351

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena sp.
Baccharis sarothroides - broom baccharis
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Eriogonum fasciculatum - California buckwheat
Festuca myuros - rattail sixweeks grass
Malosma laurina - laurel sumac
<i>Quercus berberidifolia -</i> scrub oak

**Notes:** Soil crust included in bare ground cover.

Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 6384
003 Baseline Survey Data		
aseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
aseline Cover of POAB: 20.0	Baseline Cover of PONU: 0.0	
021 Quantitative Monitoring Data		
urvey Date: 4/21/2022 Survey S	tart Time: 03:03 PM Survey En	<b>d Time:</b> 03:45 PM
<b>urveyors:</b> Kayo Valenti, Jade Woll		
PHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 25-509	<b>% Cover of PONU in Basin:</b>	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Brodiaea Orcu	<i>ittii</i> - Orcutt's brodiaea	<1%
Croton se	etiger - doveweed	<1%
Deinandra fascio	culata - fascicled tarweed	<1%
Deschampsia dantl	nonioides - annual hair grass	<1%
Downingia cuspi	data - toothed downingia	1-5%
Eleocharis macro	ostachya - pale spike-rush	<1%
Lysimachia	<i>minima</i> - chaffweed	<1%
Phalaris lemmon	ii - Lemmon's canary grass	<1%
Plagiobothrys acanthe	ocarpus - adobe popcornflower	25-50%
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	1-5%
Zeltnera venus	tα - California centaury	<1%
<b>Cover of Other Native Species</b>	in Basin: Other Native	Species Richness in Basin: 16

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Lythrum hyssopifolia - grass poly	<1%
Polypogon interruptus - ditch beard grass	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 4

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Montgomery Field (N5-6)

VP ID: 6384

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena sp.
Bloomeria sp.
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Eriogonum fasciculatum - California buckwheat
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Pseudognaphalium biolettii - bicolor cudweed
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

#### Fiscal Year: 2022

Complex Name: Nobel Drive (X5)

**VP ID:** 666

2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/22/2022 Survey	Start Time: 08:06 AM Survey En	d Time: 08:47 AM
Surveyors: Jason Allen, Amy Mattson, J	lonathan Mercado	
VPHCP Covered Species Present:		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sr	pecies Name	Cover
Crassula aquatica - water pygmyweed		<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		1-5%
Eleocharis macrostachya - pale spike-rush		1-5%
Juncus bufonius - toad rush		<1%
Plagiobothrys sp.		<1%
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 8

### Nonnative Species in Pool:

Species Name	Cover
Cotula coronopifolia - brass-buttons	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Spergularia villosa - hairy sand-spurrey	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 6Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: 50-75%Days Since Last Rain: 0Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Nobel Drive (X5)

### 2021 Quantitative Monitoring Data continued

## Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Baccharis pilularis - coyote brush
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria diegensis - San Diego wreath-plant
Stephanomeria exigua - small wreath-plant

Notes:

VP ID: 666

#### Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

**VP ID:** 208

2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0		Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0		Baseline Cover of PONU: 0.0	
2021 Quantitative Monitori	ng Data		
Survey Date: 5/23/2022	ey Date: 5/23/2022 Survey Start Time: 10:16 AM Survey End Time: 10:46 AM		
<b>Surveyors:</b> Andrew Smisek, J	. R. Sundberg		
VPHCP Covered Species Pres	sent: ERAR		
<b>Cover of ERAR in Basin:</b> 1-5%		Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:		Cover of PONU in Basin:	
Other Native Species in Poo	<u>l:</u>		
Species Name		Cover	

Species Name	Cover
Deinandra fasciculata - fascicled tarweed	<1%
Deschampsia danthonioides - annual hair grass	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	1-5%

Cover of Other Native Species in Basin:

**Other Native Species Richness in Basin:** 10

**Nonnative Species in Pool:** 

Species Name	Cover
Avena fatua - wild oat	<1%
Bromus hordeaceus - soft chess	5-10%
Bromus madritensis - foxtail chess	1-5%
Centaurea melitensis - tocalote	<1%
Erodium cicutarium - redstem filaree	1-5%
Festuca perennis - rye grass	<1%

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 9Bare Ground Cover in Basin: 50-75%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:Vertice of the second second

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena fatua - wild oat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Isocoma menziesii - coastal goldenbush
Sisyrinchium bellum - western blue-eyed-grass

Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 656
2003 Baseline Survey Data		
Baseline Cover of ERAR: 5.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/23/2022 Survey St	tart Time: 01:21 PM Survey En	<b>d Time:</b> 01:44 PM
Surveyors: Andrew Smisek, J. R. Sundber	rg	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	Species Name	
Deinandra fascic	ulata - fascicled tarweed	1-5%
Isocoma menzie	Isocoma menziesii - coastal goldenbush	
Lysimachia minima - chaffweed		<1%
Sisyrinchium bellum - western blue-eyed-grass		<1%
<b>Cover of Other Native Species</b>	in Basin: Other Native S	pecies Richness in Basin: 10
Nonnative Species in Pool:		
	ecies Name	Cover
Avena	Avena fatua - wild oat	
Bromus hordeaceus - soft chess		1-5%
Bromus mad	Bromus madritensis - foxtail chess	
Erodium cicuto	Erodium cicutarium - redstem filaree	
Festuca myuros	Festuca myuros - rattail sixweeks grass	
Cover of Nonnative Species in	Basin: 5-10% Nonnative Spe	cies Richness in Basin: 6
Bare Ground Cover in Basin: 50	0-75% Cover of Rocks/Cobble in Bas	sin: 1-5% Cover of Litter in Basin: <1%
Days Since Last Rain: 1-5	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

**VP ID:** 656

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Sisyrinchium bellum - western blue-eyed-grass

Notes: Soil crust included in bare ground cover.

Fiscal Year: 2022			
Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 891	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/23/2022 Survey St	art Time: 12:18 PM Survey End	Time: 12:44 PM	
Surveyors: Andrew Smisek, J. R. Sundber	g		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	Species Name		
Cryptantha sp.		<1%	
Deschampsia danthonioides - annual hair grass		1-5%	
Plantago erecta - dot-seed plantain		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
Selaginella cinera	Selaginella cinerascens - ashy spike-moss		
<b>Cover of Other Native Species i</b>	n Basin: Other Native Sp	ecies Richness in Basin: 11	
Nonnative Species in Pool:			
Spe	Species Name		
Bromus hore	Bromus hordeaceus - soft chess		
Bromus madr	Bromus madritensis - foxtail chess		
Erodium cicuta	Erodium cicutarium - redstem filaree		
Festuca myuros	Festuca myuros - rattail sixweeks grass		
Lamarckia	<i>aurea</i> - golden-top	<1%	

Cover of Nonnative Species in Basin: 5-10% Nonnative Species Richness in Basin: 8

Phalaris minor - little-seeded canary grass

Bare Ground Cover in Basin: 50-75%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:

<1%

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

VP ID: 891

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Baccharis sarothroides - broom baccharis
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Cryptantha sp.
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lepidium nitidum - shining peppergrass
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss

**Notes:** Soil crust included in bare ground cover.

	<b>VP ID:</b> 892
2003 Baseline Survey Data Baseline Cover of NAFO: 1.0 Base	
Receive Cover of EPAP: 1.0 Receive Cover of NAEO: 1.0 Rec	
Daseline Cover of LIXAN. 1.0 Daseline Cover of MAFO. 1.0 Das	eline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data	
Survey Date: 5/23/2022Survey Start Time: 12:45 PMSurvey End Time: 01:12 PI	M
Surveyors: Andrew Smisek, J. R. Sundberg	
VPHCP Covered Species Present: ERAR	
Cover of ERAR in Basin:1-5%Cover of NAFO in Basin:Cover of ORG	CA in Basin:
Cover of POAB in Basin: Cover of PONU in Basin:	
Other Native Species in Pool:	
Species Name	Cover
Deinandra fasciculata - fascicled tarweed	<1%
Deschampsia danthonioides - annual hair grass	1-5%
Eleocharis macrostachya - pale spike-rush	<1%
Lasthenia californica - California goldfields	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	25-50%
Trichostema lanatum - woolly blue curls	<1%
Cover of Other Native Species in Basin: Other Native Species Richness	s in Basin: 8
Nonnative Species in Pool:	
Species Name	Cover

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Erodium cicutarium - redstem filaree	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Phalaris minor - little-seeded canary grass	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 8

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 5-10%Days Since Last Rain: >16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

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VP ID: 892
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#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Avena fatua - wild oat
Baccharis sarothroides - broom baccharis
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush
Selaginella cinerascens - ashy spike-moss

**Notes:** total covers for all categories except covered species were missing from originial form, data filled in 8/24/2023 based on other data recorded and 2021 record for pool

Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 1801	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	buschine cover of ortex. 0.0	
2021 Quantitative Monitoring Data			
	art Time: 11:21 AM Survey E	nd Time: 11:40 AM	
urveyors: Andrew Smisek, J. R. Sundber	g		
/PHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	Species Name		
Deschampsia danthe	Deschampsia danthonioides - annual hair grass		
Marsilea vesti	Marsilea vestita - hairy waterclover		
Phalaris lemmonii	Phalaris lemmonii - Lemmon's canary grass		
Sisyrinchium bellum	Sisyrinchium bellum - western blue-eyed-grass		
Cover of Other Native Species in Basin: Other Native Spe		Species Richness in Basin: 6	
Ionnative Species in Pool:			
Spe	cies Name	Cover	
Avena f	Avena fatua - wild oat		
Bromus hord	Bromus hordeaceus - soft chess		
Bromus madr	Bromus madritensis - foxtail chess		
Erodium cicuta	Erodium cicutarium - redstem filaree		
Festuca myuros	Festuca myuros - rattail sixweeks grass		
Hypochaeris glo	Hypochaeris glabra - smooth cat's-ear		
Lactuca serri	iola - prickly lettuce	<1%	
Sonchus asper ssp.	asper - prickly sow thistle	<1%	
Cover of Nonnative Species in E	Basin: 10-25% Nonnative Sp	ecies Richness in Basin: 7	
		asin: 1-5% Cover of Litter in Basin: <1%	

Days Since Last Rain: >16 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: Otay Lakes (K5)

**VP ID:** 1801

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Adenostoma fasciculatum - chamise
Avena fatua - wild oat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Peritoma arborea - bladderpod
Sisyrinchium bellum - western blue-eyed-grass

#### Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1577

2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	ine Cover of ERAR: 20.0Baseline Cover of NAFO: 0.0Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/13/2022 Survey	Start Time: 10:45 AM Survey En	d Time: 11:13 AM	
Surveyors: Jason Allen, Amy Mattson,	Jonathan Mercado, Dan Monroe		
VPHCP Covered Species Present:			
Cover of ERAR in Basin:	Cover of ERAR in Basin: Cover of NAFO in Basin:		
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
2	Species Name		
Deinandra fas	Deinandra fasciculata - fascicled tarweed		
Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basin: 3	
Nonnative Species in Pool:			
	Species Name	Cover	
Brassica	Brassica nigra - black mustard		
Erodium botrys	Erodium botrys - long-beak filaree/storksbill		
Festuca myu	Festuca myuros - rattail sixweeks grass		
Glebionis	Glebionis coronaria - crown daisy		
Helminthotheco	Helminthotheca echioides - bristly ox-tongue		
Sonchus asper s	Sonchus asper ssp. asper - prickly sow thistle		
Course of Normative Coursing			

Cover of Nonnative Species in Basin: 50-75%Nonnative Species Richness in Basin: 13Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1577

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena fatua - wild oat
Brassica nigra - black mustard
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Isocoma menziesii - coastal goldenbush
Matricaria discoidea - pineapple weed
Mesembryanthemum nodiflorum - slender-leaved iceplant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2022			
nplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1580	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/13/2022 Survey	Start Time: 09:46 AM Survey End	<b>Time:</b> 10:41 AM	
Surveyors: Jason Allen, Amy Mattson,	Jonathan Mercado, Dan Monroe		
VPHCP Covered Species Present: ERA	R		
Cover of ERAR in Basin: 1-59	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
5	Species Name	Cover	
Eleocharis mad	<i>crostachya</i> - pale spike-rush	<1%	
Juncus	<i>bufonius</i> - toad rush	<1%	
Matricaria di	Matricaria discoidea - pineapple weed		
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%	
Cover of Other Native Specie	es in Basin: Other Native S	pecies Richness in Basin: 3	
Nonnative Species in Pool:			
	Species Name	Cover	
Brassica	nigra - black mustard	<1%	
Bromus m	adritensis - foxtail chess	1-5%	
Centaure	Centaurea melitensis - tocalote		
Erodium botrys	- long-beak filaree/storksbill	<1%	
Festuca myu	ros - rattail sixweeks grass	1-5%	
Gastridiu	m phleoides - nit grass	1-5%	
Glebionis	<i>coronaria</i> - crown daisy	<1%	
Helminthotheca	echioides - bristly ox-tongue	1-5%	
Lactuca s	erriola - prickly lettuce	<1%	
Lamarck	<i>ia aurea</i> - golden-top	<1%	
Lysimachia a	rvensis - scarlet pimpernel	<1%	
Polypogon mor	nspeliensis - rabbitfoot grass	<1%	
Sonchus asper s	sp. <i>asper</i> - prickly sow thistle	5-10%	
Sonchus olera	ceus - common sow thistle	<1%	
		des Biskusse in Basies 24	

Cover of Nonnative Species in Basin: 50-75%Bare Ground Cover in Basin: 1-5%Cover ofDays Since Last Rain: 6-15Ponded

Ponded Water Present: no

50-75%Nonnative Species Richness in Basin: 21Cover of Rocks/Cobble in Basin: <1%</th>Cover of Litter in Basin: 10-25%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1580

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Euphorbia peplus - petty spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

Fiscal Year: 2022	<b>Fiscal</b>	Year:	2022
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Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1595
2003 Baseline Survey Data		
Baseline Cover of ERAR: 50.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/28/2022 Survey Star	t Time: 09:38 AM Survey End	Time: 09:50 AM
Surveyors: James Davis, Anahi Mendez Loz	ano	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Cover of Other Native Species in Basin: Other Native Sp		ecies Richness in Basin: 1
Nonnative Species in Pool:		
Speci	es Name	Cover
Bromus horde	<i>aceus</i> - soft chess	<1%
Bromus madrite	ensis - foxtail chess	<1%
Festuca myuros -	rattail sixweeks grass	1-5%
restaca myaros		

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1595

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Complex Name: Robinhood Ridge (J4-5)	mplex Name: Robinhood Ridge (J4-5)		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 75.0	Baseline Cover of NAF	<b>Baseline Cover of ORCA:</b> 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PON	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey St	art Time: 10:16 AM	urvey End Time: 10:26 AM	
Surveyors: James Davis, Anahi Mendez I	.ozano		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-759	6 Cover of NAFO in Basin	: Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basi	.:	
Other Native Species in Pool:			
Spr	ecies Name	Cover	
Cylindropuntia	Cylindropuntia prolifera - coast cholla		
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		lyheads 5-10%	
Sisyrinchium bellun	Sisyrinchium bellum - western blue-eyed-grass		
Cover of Other Native Species	in Basin: Othe	Native Species Richness in Basin: 1	
Nonnative Species in Pool:			
	ecies Name	Cover	
Bromus hordeaceus - soft chess		<1%	
Festuca myuro:	Festuca myuros - rattail sixweeks grass		
Lysimachia arvensis - scarlet pimpernel		<1%	

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1596

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Fiscal Year: 2022			
nplex Name:Robinhood Ridge (J4-5)VP ID: 1598			
2003 Baseline Survey Data			
Baseline Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	e Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey S	art Time: 11:11 AM Survey En	d Time: 11:25 AM	
Surveyors: James Davis, Anahi Mendez	ozano		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 10-25	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Sp	ecies Name	Cover	
Psilocarphus brevissimus v	r. <i>brevissimus</i> - dwarf woollyheads	5-10%	
Sisyrinchium bellur	n - western blue-eyed-grass	<1%	
	n Basin: Other Native S	pecies Richness in Basin: 4	

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Phalaris paradoxa - hood canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 9Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1598

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Fiscal Year: 2022	<b>Fiscal</b>	Year:	2022
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Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1599
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/28/2022 Survey Sta	art Time: 11:57 AM Survey End	<b>Time:</b> 12:09 PM
Surveyors: James Davis, Anahi Mendez Lo	ozano	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Cover of Other Native Species in	n Basin: Other Native S	pecies Richness in Basin: 3
Nonnative Species in Pool:		
Spe	cies Name	Cover
Bromus hordeaceus - soft chess		<1%
Bromus madr	Bromus madritensis - foxtail chess	
Erodium botrys - lo	ng-beak filaree/storksbill	<1%
		-10/
Festuca myuros	<ul> <li>rattail sixweeks grass</li> </ul>	<1%

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1599

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)	idge (J4-5) VP ID: 1600	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 55.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 4/28/2022 Survey Sta	art Time: 01:16 PM Survey En	d Time: 01:24 PM
Surveyors: Stephanie Ayerdis, James Dav	is	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%
Cover of Other Native Species in	n Basin: Other Native S	pecies Richness in Basin: 1
Normative Species in Deals		
Nonnative Species in Pool:		Cover
Species Name		<1%
	Bromus hordeaceus - soft chess	
Erodium botrys - lo	Erodium botrys - long-beak filaree/storksbill	
Festuca myuros	- rattail sixweeks grass	<1%
Festuca pe	rennis - rye grass	<1%
Cover of Nonnative Species in B	asin: 1-5% Nonnative Spe	cies Richness in Basin: 7

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1600

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

#### Fiscal Year: 2022

Complex Name:Robinhood Ridge (J4-5)2003 Baseline Survey DataBaseline Cover of ERAR:70.0Baseline Cover of POAB:0.0Baseline Cover of POAB:0.0

#### 2021 Quantitative Monitoring Data

Survey Date: 4/28/2022Survey Start Time: 01:53 PMSurvey End Time: 01:59 PM

Surveyors: Stephanie Ayerdis, James Davis

#### VPHCP Covered Species Present: ERAR

Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:

**Other Native Species in Pool:** 

Species Name	Cover
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	<1%
Selaginella cinerascens - ashy spike-moss	<1%

Cover of Other Native Species in Basin:

**Other Native Species Richness in Basin:** 1

Cover of ORCA in Basin:

**VP ID: 1601** 

Baseline Cover of ORCA: 0.0

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbil	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Cover of Normative Creation in Pasin 4 5%	mative Canadian Bishmann in Basim F

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 5

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: noDeed Greeting Decempting Decempting DecemptingCover of Litter in Basin: 1-5%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1601

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

Fiscal \	Year:	2022
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Fiscal Year: 2022			
nplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1602	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 90.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5		
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey Sta	rt Time: 02:39 PM Survey End	d Time: 02:46 PM	
Surveyors: Sara Allen, Anahi Mendez Loza	no		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basin: 2	
Nonnative Species in Pool:			
	ies Name	Cover	
Bromus horde	Bromus hordeaceus - soft chess		
Bromus madrit	Bromus madritensis - foxtail chess		
<i>Erodium botrys</i> - lor	Erodium botrys - long-beak filaree/storksbill		
Festuca myuros -	Festuca myuros - rattail sixweeks grass		
Festuca per	Festuca perennis - rye grass		
Lysimachia arven	Lysimachia arvensis - scarlet pimpernel		

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:East Rain: 6-15

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1602

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1603	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey Star	t Time: 02:11 PM Survey End	Time: 02:18 PM	
Surveyors: Sara Allen, Anahi Mendez Lozar	וס		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	over of POAB in Basin: Cover of PONU in Basin:		
Other Native Species in Pool:			
Cover of Other Native Species in Nonnative Species in Pool:	Basin: Other Native Sp	ecies Richness in Basin: 1	
Speci	es Name	Cover	
Bromus horde	Bromus hordeaceus - soft chess		
Bromus madrite	Bromus madritensis - foxtail chess		
<i>Erodium botrys</i> - lon	g-beak filaree/storksbill	<1%	
Festuca myuros -	rattail sixweeks grass	<1%	

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Sonchus oleraceus - common sow thistle

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 1-5%

Ponded Water Present: no

**Cover of Nonnative Species in Basin:** 10-25%

Days Since Last Rain: 6-15 Dead Species Present in Pool: 1-5%

<1%

<1%

**Cover of Litter in Basin:** 1-5%

**Nonnative Species Richness in Basin:** 7

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1603

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Helminthotheca echioides - bristly ox-tongue
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Fiscal Year: 20
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Complex N	lame: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1604
2003 Base	line Survey Data		
Baseline C	over of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline C	over of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quar	ntitative Monitoring Data		
Survey Da	te: 4/28/2022 Survey Star	t Time: 10:12 AM Survey End	Time: 10:28 AM
Surveyors	Sara Allen, Stephanie Ayerdis		
VPHCP Cov	vered Species Present: ERAR		
C	over of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
C	over of POAB in Basin:	Cover of PONU in Basin:	
Other Nat	ive Species in Pool:		
	Species Name		Cover
	Baccharis sarothroides - broom baccharis		<1%
	Cylindropuntia prolifera - coast cholla		<1%
	Eleocharis macrosto	achya - pale spike-rush	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	5-10%
	Stipa lepida - foothill needle grass		<1%
C	over of Other Native Species in I	Basin: Other Native Sp	ecies Richness in Basin: 5
Nonnative	Species in Pool:		
	Specie	es Name	Cover
	Bromus horde	aceus - soft chess	<1%
	Bromus madritensis - foxtail chess		<1%
	Erodium botrys - long-beak filaree/storksbill		<1%
	Festuca myuros - rattail sixweeks grass		<1%
	Festuca pere	ennis - rye grass	<1%
	Lactuca serriol	a - prickly lettuce	<1%

Lysimachia arvensis - scarlet pimpernel 1-5% Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 11 Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: 1-5% Days Since Last Rain: 6-15 Ponded Water Present: no **Dead Species Present in Pool:** 

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1604

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

#### Fiscal Year: 2022

riscal fedi. 2022			
Complex Name: Robinhood Ridge (J4-5)	plex Name: Robinhood Ridge (J4-5)		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	line Cover of POAB: 0.0 Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey Sta	rt Time: 11:11 AM Survey End	Time: 11:20 AM	
Surveyors: Sara Allen, Stephanie Ayerdis			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Species Name		Cover	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
Cover of Other Native Species in	Basin: Other Native Sp	ecies Richness in Basin: 1	
Nonnative Species in Pool:			
	cies Name	Cover	
	Bromus hordeaceus - soft chess		
	Bromus madritensis - foxtail chess		
	Erodium botrys - long-beak filaree/storksbill Festuca myuros - rattail sixweeks grass		
	isis - scarlet pimpernel	<1% <1%	
Lysimuchiù urver		\$170	

Cover of Nonnative Species in Basin: 5-10% Nonnative Species Richness in Basin: 9

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1606

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Pseudognaphalium biolettii - bicolor cudweed
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

#### Fiscal Year: 2022

Complex Name: Robinhood	plex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1607	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.5		Baseline Cover of N	NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	)	Baseline Cover of PONU: 1.0		
2021 Quantitative Monitor	ing Data			
Survey Date: 4/28/2022	Survey Star	<b>'t Time:</b> 11:10 AM	Survey End	Time: 12:01 PM
Surveyors: Sara Allen, Steph	anie Ayerdis			
/PHCP Covered Species Pre	sent: PONU, E	RAR		
Cover of ERAR in B	asin: 25-50%	Cover of NAFO in B	asin:	Cover of ORCA in Basin:
Cover of POAB in E	Cover of POAB in Basin: Cover of PONU in Basin: <1%		Basin: <1%	
Other Native Species in Poo	ol:			
	Speci	es Name		Cover
Psilocarphus b	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
Sisyrin	Sisyrinchium bellum - western blue-eyed-grass		<1%	
Cover of Other Nat	ive Species in	Basin: O	ther Native Sp	ecies Richness in Basin: 3
Nonnative Species in Pool:				
	Spec	es Name		Cover
		aceus - soft chess		1-5%
Fes	Festuca myuros - rattail sixweeks grass		<1%	

Cover of Nonnative Species in Basin: 5-10%	Nonnative Species Richness in Basi	<b>n:</b> 6
Polypogon monspeliensis - rabbitfoot grass		<1%
Lysimachia arvensis - scarlet pimpe	ernel	<1%
Festuca myuros - rattail sixweeks grass		<1%

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1607

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

#### Fiscal Year: 2022

complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1608		
2003 Baseline Survey Data					
Baseline Cover of ERAR: 20.0 Baseline Cover		Baseline Cover of	f NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 Baseline Co		Baseline Cover of	f PONU: 1.0		
2021 Quantitative Monitor	ing Data				
Survey Date: 4/28/2022	Survey Star	: <b>Time:</b> 11:52 AM	Survey End	Time: 01:15 PM	
Surveyors: Sara Allen, Anah	i Mendez Lozan	0			
VPHCP Covered Species Pre	sent: ERAR				
Cover of ERAR in Basin: 50-75% Cover of NAFO in Basin:			Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: Cover of PONU in Basin:		Basin:			
Other Native Species in Poo	ol:				
Species Name		Cover			
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads			1-5%		
Cover of Other Native Species in Basin: Other Native Spe			ecies Richness in Basin: 2		
Nonnative Species in Pool:					
Species Name		Cover			
Bromus hordeaceus - soft chess		<1%			
Fes	Festuca myuros - rattail sixweeks grass			1-5%	

 Lysimachia arvensis - scarlet pimpernel
 <1%</td>

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 6

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: 6-15
 Ponded Water Present: no

 Dead Species Present in Pool:
 Example 10-25%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1608

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1609		
2003 Baseline Survey Data				
Baseline Cover of ERAR: 40.0	Baseline Cover o	of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover o	of PONU: 0.0		
2021 Quantitative Monitoring Data				
Survey Date: 4/28/2022 Surve	ey Start Time: 01:36 PM	Survey End	Time: 01:44 PM	
<b>Surveyors:</b> Sara Allen, Anahi Mendez	z Lozano			
VPHCP Covered Species Present: ER.	AR			
Cover of ERAR in Basin: 25	-50% Cover of NAFO in	n Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU i	n Basin:		
Other Native Species in Pool:				
	Species Name		Cover	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads			1-5%	
Cover of Other Native Species in Basin: Other Native Spe			ecies Richness in Basin: 1	
Nonnative Species in Pool:				
	Species Name		Cover	
Erodium botrys - long-beak filaree/storksbill		<1%		
Festuca myuros - rattail sixweeks grass			<1%	

 Lysimachia arvensis - scarlet pimpernel
 <1%</td>

 Cover of Nonnative Species in Basin: 5-10%
 Nonnative Species Richness in Basin: 8

 Bare Ground Cover in Basin: 25-50%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: 6-15
 Ponded Water Present: no

 Dead Species Present in Pool:
 Vertical State Stat

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acacia sp.
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass

Notes:

**VP ID:** 1609

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1666		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 60.0 Baseline Cover of	of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 Baseline Cover of	of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 4/28/2022 Survey Start Time: 02:27 PM	Survey End	<b>1 Time:</b> 02:42 PM	
Surveyors: Stephanie Ayerdis, James Davis			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50% Cover of NAFO i	n Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: Cover of PONU	in Basin:		
Other Native Species in Pool:			
Species Name	Cover		
Cylindropuntia prolifera - coast cho	illa	<1%	
Eleocharis macrostachya - pale spike-	1-5%		
Cover of Other Native Species in Basin:	pecies Richness in Basin: 3		
Nonnative Species in Pool:			
Species Name		Cover	
Bromus hordeaceus - soft chess		<1%	
Festuca myuros - rattail sixweeks gr	ass	<1%	
Lysimachia arvensis - scarlet pimper	Lysimachia arvensis - scarlet pimpernel		
Cover of Nonnative Species in Basin: 1-5%	Nonnative Spe	cies Richness in Basin: 6	

Bare Ground Cover in Basin: 25-50%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis salicifolia - mule fat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Notes:

**VP ID:** 1666

Fiscal Year: 2022			
Complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1667
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5 Baseline Cover o		of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	ver of POAB: 0.0 Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Dat	а		
Survey Date: 5/11/2022         Survey Start Time: 01:15 PM         Survey End Time: 01			Time: 01:39 PM
Surveyors: Amy Mattson, Jonathan	Mercado		
VPHCP Covered Species Present: E	RAR		
Cover of ERAR in Basin: 50-75% Cover of NAFO in Basin:			Cover of ORCA in Basin:
Cover of POAB in Basin: Cover of PONU in Basin:			
Other Native Species in Pool:			
Species Name			Cover
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads			<1%
Sisyrinchium bellum - western blue-eyed-grass			<1%
Cover of Other Native Species in Basin: Other Native Spe			ecies Richness in Basin: 2
Nonnative Species in Pool:			
			Cover
Brom	Species Name Bromus hordeaceus - soft chess		
Bromus madritansis fautail chass			<1%

Cover of Nonnative Species in Basin: 1-5% No	onnative Species Richness in Basin: 9
Lysimachia arvensis - scarlet pimpernel	<1%
Lactuca serriola - prickly lettuce	<1%
Festuca myuros - rattail sixweeks grass	<1%
Erodium botrys - long-beak filaree/storksbi	ill <1%
Bromus madritensis - foxtail chess	<1%
Bronnas noracaceas - sont eness	170

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: <1% Ponded Water Present: no Days Since Last Rain: 6-15 Dead Species Present in Pool:

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1667

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Ambronis changes diifalis. Can Diago huu assa	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Avena fatua - wild oat	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Cylindropuntia prolifera - coast cholla	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium brachycarpum - short-beak filaree/storksbill	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Lactuca serriola - prickly lettuce	
Lysimachia minima - chaffweed	
Opuntia littoralis - coast prickly-pear	
Schismus barbatus - Mediterranean schismus	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa lepida - foothill needle grass	

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1668
2003 Baseline Survey Data		
Baseline Cover of ERAR: 75.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Sta	art Time: 02:52 PM Survey End	<b>Time:</b> 03:17 PM
Surveyors: Amy Mattson, Jonathan Merc	ado	
VPHCP Covered Species Present: PONU,	ERAR	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Deschampsia danthonioides - annual hair grass		<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	5-10%
Cover of Other Native Species in	n Basin: Other Native S	pecies Richness in Basin: 3
Nonnotivo Species in Rook		
Nonnative Species in Pool:	ries Name	Cover

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Lactuca serriola - prickly lettuce	<1%
Lysimachia arvensis - scarlet pimpernel	1-5%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 10-25% Nonnative Specie	s Richness in Basin: 9

**Bare Ground Cover in Basin:** 5-10% **Cover of Rocks/Cobble in Basin:** 5-10% **Cover of Litter in Basin:** 1-5% Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1668

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Hainardia cylindrica - barb grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Stipa lepida - foothill needle grass

omplex Name:Robinhood Ridge (J4-5)VP ID: 1669		
2003 Baseline Survey Data		
Baseline Cover of ERAR: 45.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/13/2022 Survey Sta	art Time: 08:06 AM Survey E	nd Time: 08:41 AM
Surveyors: Amy Mattson, Jonathan Merc	cado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Cylindropuntia	<i>prolifera</i> - coast cholla	<1%
Cover of Other Native Species i	n Basin: Other Native	Species Richness in Basin: 3
Nonnative Species in Pool:		
	cies Name	Cover
Bromus hord	<i>deaceus</i> - soft chess	<1%
Festuca myuros	- rattail sixweeks grass	<1%
Festuca pe	erennis - rye grass	<1%
Gastridium į	ohleoides - nit grass	<1%
Lactuca serr	<i>iola</i> - prickly lettuce	<1%
Lucimachia anua	<i>nsis</i> - scarlet pimpernel	<1%

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: <1%</th>

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1669

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Pogogyne abramsii - San Diego mesa mint
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 2022	
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Fiscal Year: 2022	
Complex Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1670
2003 Baseline Survey Data	
Baseline Cover of ERAR: 5.0 Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data	
Survey Date: 5/11/2022 Survey Start Time: 02:19 PM Survey End T	ime: 02:44 PM
Surveyors: Amy Mattson, Jonathan Mercado	
VPHCP Covered Species Present: ERAR	
<b>Cover of ERAR in Basin:</b> 50-75% <b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin: Cover of PONU in Basin:	
Other Native Species in Pool:	
Nonnative Species in Pool:	cies Richness in Basin: 3 Cover
Cover of Other Native Species in Basin: Other Native Spe	
Cover of Other Native Species in Basin: Other Native Spe Nonnative Species in Pool: Species Name	Cover
Cover of Other Native Species in Basin:       Other Native Species         Nonnative Species in Pool:       Species Name         Bromus hordeaceus - soft chess       Species Species	Cover 1-5%
Cover of Other Native Species in Basin:       Other Native Species         Nonnative Species in Pool:       Species Name         Bromus hordeaceus - soft chess       Bromus madritensis - foxtail chess	Cover 1-5% <1%
Cover of Other Native Species in Basin:       Other Native Species         Nonnative Species in Pool:       Species Name         Bromus hordeaceus - soft chess       Bromus madritensis - foxtail chess         Festuca myuros - rattail sixweeks grass       Sixweeks grass	Cover 1-5% <1% 1-5%
Cover of Other Native Species in Basin:       Other Native Species         Nonnative Species in Pool:       Species Name         Bromus hordeaceus - soft chess       Bromus hordeaceus - soft chess         Bromus madritensis - foxtail chess       Festuca myuros - rattail sixweeks grass         Festuca perennis - rye grass       Festuca perennis - rye grass	Cover 1-5% <1% 1-5% 1-5%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 11

Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: <1% Ponded Water Present: no Days Since Last Rain: 6-15

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Lactuca serriola - prickly lettuce
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Pseudognaphalium biolettii - bicolor cudweed
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Notes:

**VP ID:** 1670

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)	nplex Name: Robinhood Ridge (J4-5) VP ID: 1671	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 85.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Star	t Time: 01:49 PM Survey End	Time: 02:13 PM
Surveyors: Amy Mattson, Jonathan Mercad	ob	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Cylindropuntia pr	olifera - coast cholla	<1%
Isocoma menziesii	- coastal goldenbush	<1%
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Cover of Other Native Species in	Basin: Other Native Sp	pecies Richness in Basin: 3
Nonnative Species in Pool:		
	es Name	Cover
	<i>aceus</i> - soft chess	<1%
Bromus madrite	ensis - foxtail chess	<1%
Erodium botrvs - Ion	g-beak filaree/storksbill	<1%

Cover of Nonnative Species in Basin: 10-25%	Nonnative Species Richness in Basin: 12
Lysimachia arvensis - scarlet pimper	nel 1-5%
Lactuca serriola - prickly lettuce	<1%
Festuca myuros - rattail sixweeks gra	ass <1%
Erodium botrys - long-beak filaree/stor	ksbill <1%

Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acacia sp.
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Stipa lepida - foothill needle grass

Notes:

**VP ID:** 1671

Fiscal Year: 2022	Fisca	Year:	2022
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Complex Name: Robinhood Ridge (J4-5)	
ver of NAFO: 0.0	Baseline Cover of ORCA: 0.0
ver of PONU: 0.0	
AM Survey End	Time: 09:05 AM
FO in Basin:	Cover of ORCA in Basin:
NU in Basin:	
Other Native Sp	ecies Richness in Basin: 4 Cover
Other Native Sp	
	Cover
ess	<b>Cover</b> 1-5%
ess hess	Cover 1-5% <1%
ess hess s grass	Cover 1-5% <1% 1-5%
ess hess s grass s uce	Cover 1-5% <1% 1-5% 5-10%
	ver of NAFO: 0.0 ver of PONU: 0.0 AM Survey End FO in Basin: NU in Basin:

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1672

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Simmondsia chinensis - jojoba
Stipa diegoensis - San Diego needle grass
Stipa lepida - foothill needle grass

Fiscal Year: 2022				
Complex Name: Robinhood	l Ridge (J4-5)			<b>VP ID:</b> 1673
2003 Baseline Survey Data				
Baseline Cover of ERAR: 80.	0	Baseline Cover o	of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	)	Baseline Cover o	of PONU: 0.0	
2021 Quantitative Monitor	ing Data			
Survey Date: 5/13/2022	Survey Star	<b>t Time:</b> 09:08 AM	Survey End	l Time: 09:30 AM
Surveyors: Jason Allen, Amy	Mattson, Jona	athan Mercado, Da	an Monroe	
VPHCP Covered Species Pre	sent: ERAR			
Cover of ERAR in B	asin: 50-75%	Cover of NAFO i	n Basin:	Cover of ORCA in Basin:
Cover of POAB in B	asin:	Cover of PONU	in Basin:	
Other Native Species in Poc	ol:			
Cover of Other Nat	tive Species in	Basin:	Other Native S	pecies Richness in Basin: 2
Nonnative Species in Pool:				
	Speci	es Name		Cover
	Bromus horde	<i>aceus</i> - soft chess		<1%
Fes	stuca mvuros -	rattail sixweeks gr	ass	<1%

 Festuca myuros - rattail sixweeks grass
 <1%</td>

 Festuca perennis - rye grass
 <1%</td>

 Cover of Nonnative Species in Basin: 10-25%
 Nonnative Species Richness in Basin: 8

 Bare Ground Cover in Basin: 5-10%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: <1%</td>

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Dead Species Present in Pool:

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1673

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Polypogon monspeliensis - rabbitfoot grass
Simmondsia chinensis - jojoba
Stipa lepida - foothill needle grass

Fiscal Year: 2022			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1675	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 80.0 E	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 E	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/11/2022 Survey Start T	Time: 12:37 PM Survey End T	Time: 01:09 PM	
Surveyors: Amy Mattson, Jonathan Mercado	1		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 0	Cover of PONU in Basin:		
Other Native Species in Pool:			
Species	Name	Cover	
Cylindropuntia prolifera - coast cholla		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
Cover of Other Native Species in Ba	isin: Other Native Spe	ecies Richness in Basin: 2	
Nonnative Species in Pool:			
Species	Name	Cover	
Bromus diandru:		<1%	

Bromus diandrus - ripgut grass	<1%
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lactuca serriola - prickly lettuce	<1%
Lamarckia aurea - golden-top	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Schismus barbatus - Mediterranean schismus	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 11

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1675

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 20	)22
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Fiscal Year: 2022			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1676	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/11/2022 Survey Star	t Time: 12:12 PM Survey End	<b>Fime:</b> 12:36 PM	
Surveyors: Amy Mattson, Jonathan Merca	do		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
<b>Other Native Species in Pool:</b>			
Species Name		Cover	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
Cover of Other Native Species in	Basin: Other Native Spe	ecies Richness in Basin: 2	
Nonnative Species in Pool:			
	es Name	Cover	
Bromus hordeaceus - soft chess		<1%	
Bromus madritensis - foxtail chess		<1%	
Erodium botrys - long-beak filaree/storksbill		<1%	
Festuca myuros -	rattail sixweeks grass	5-10%	
Lactuca serrio	<i>la</i> - prickly lettuce	<1%	
Schismus barbatus -	Schismus barbatus - Mediterranean schismus		

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 10Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1676

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1677	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/11/2022 Survey Sta	art Time: 11:20 AM Survey E	nd Time: 11:50 AM	
Surveyors: Amy Mattson, Jonathan Merc	ado		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Cylindropuntia	<i>prolifera -</i> coast cholla	1-5%	
Sisyrinchium bellum - western blue-eyed-grass		<1%	
Cover of Other Native Species in	n Basin: Other Native	Species Richness in Basin: 3	
Nonnative Species in Pool:			
	cies Name	Cover	
Bromus hordeaceus - soft chess		1-5%	
Bromus madritensis - foxtail chess		<1%	
Festuca myuros - rattail sixweeks grass		1-5%	
Lactuca serriola - prickly lettuce		<1%	
Lamarckia d	<i>Lamarckia aurea</i> - golden-top		
Lysimachia arvei	nsis - scarlet pimpernel	<1%	
Sonchus asper ssp.	<i>asper</i> - prickly sow thistle	<1%	

Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 1-5% Cover of Litter in Basin: 1-5% Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1677

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Yucca schidigera - Mojave yucca

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1678	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 80.0Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0Baseline Cover of PONU: 0.0		
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Start Time: 10:55 AM Survey End	Time: 11:17 AM	
Surveyors: Amy Mattson, Jonathan Mercado		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: Cover of PONU in Basin:		
Other Native Species in Pool:		
Species Name	Cover	
Cylindropuntia prolifera - coast cholla	<1%	
Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 2		
Nonnative Species in Pool:		
Species Name	Cover	
Bromus madritensis - foxtail chess	<1%	
Euphorbia serpens - matted sandmat	<1%	
Festuca myuros - rattail sixweeks grass	<1%	
Lactuca serriola - prickly lettuce	<1%	

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1678

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum crystallinum - crystalline iceplant
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)	Complex Name: Robinhood Ridge (J4-5)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 5.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Sta	rt Time: 10:25 AM Survey End	Time: 10:53 AM
Surveyors: Amy Mattson, Jonathan Merca	do	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Eleocharis macrostachya - pale spike-rush		25-50%
Juncus bufc	onius - toad rush	<1%
Cover of Other Native Species in Basin: Other Native Spe		ecies Richness in Basin: 4
Nonnative Species in Pool:		
Species Name		Cover
Bromus hordeaceus - soft chess		<1%
Bromus madritensis - foxtail chess		<1%
Erodium cicutar	<i>Erodium cicutarium</i> - redstem filaree	
Festuca myuros -	rattail sixweeks grass	<1%
	rattail sixweeks grass <i>sis</i> - scarlet pimpernel	<1% <1%

Cover of Nonnative Species in Basin: <1%</th>Nonnative Species Richness in Basin: 9Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 5-10%Days Since Last Rain: 6-15Ponded Water Present: noCover of Litter in Basin: 5-10%Dead Species Present in Pool:Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 5-10%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1679

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

#### Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) **VP ID:** 1684 2003 Baseline Survey Data Baseline Cover of ERAR: 50.0 Baseline Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0 Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.5 2021 Quantitative Monitoring Data Survey Start Time: 09:56 AM Survey End Time: 10:19 AM **Survey Date:** 5/11/2022 Surveyors: Amy Mattson, Jonathan Mercado VPHCP Covered Species Present: ERAR **Cover of ERAR in Basin:** 50-75% Cover of NAFO in Basin: **Cover of ORCA in Basin:** Cover of POAB in Basin: Cover of PONU in Basin: **Other Native Species in Pool: Species Name** Cover Eleocharis macrostachya - pale spike-rush 1-5% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 1-5% **Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 2 Nonnative Species in Pool:**

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus madritensis - foxtail chess	1-5%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative Species	es Richness in Basin: 6

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1684

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1685
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5 Baseline Cov	ver of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cov	ver of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Start Time: 09:35	AM Survey Er	<b>nd Time:</b> 09:48 AM
Surveyors: Amy Mattson, Jonathan Mercado		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: <1% Cover of NA	FO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: Cover of PO	NU in Basin:	
Other Native Species in Pool:		
Species Name		Cover
<i>Bahiopsis laciniata</i> - San Diego v	/iguiera	1-5%
Encelia californica - California e	encelia	1-5%
Cover of Other Native Species in Basin:	<b>Other Native</b>	Species Richness in Basin: 4
Nonnative Species in Pool:		
Species Name		Cover
Bromus hordeaceus - soft chess		25-50%
Bromus madritensis - foxtail chess		1-5%
Erodium botrys - long-beak filaree/storksbill		<1%
Festuca myuros - rattail sixweek	ks grass	5-10%
Lactuca serriola - prickly lett	uce	<1%
Cover of Nonnative Species in Basin: 1-5%		ecies Richness in Basin: 2

Bare Ground Cover in Basin: <1%</th>Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: >75%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

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Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1685

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Polypogon monspeliensis - rabbitfoot grass
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1688
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0 Baseline Cover	r of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover	r of PONU: 10.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Start Time: 09:06 AN	√ Survey End T	ime: 09:27 AM
Surveyors: Amy Mattson, Jonathan Mercado		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75% Cover of NAFO	) in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: Cover of PONL	J in Basin:	
Other Native Species in Pool:		
Species Name		Cover
Eleocharis macrostachya - pale spike	e-rush	<1%
Cover of Other Native Species in Basin: Other Native Spe		cies Richness in Basin: 3
Nonnative Species in Pool:		
Species Name		Cover
Bromus hordeaceus - soft ches	is s	1-5%
Festuca myuros - rattail sixweeks g	grass	<1%
Festuca perennis - rye grass	·	<1%
Cover of Nonnative Species in Basin: 5-10%	Nonnative Specie	es Richness in Basin: 3

Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1688

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Simmondsia chinensis - jojoba

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5		<b>VP ID:</b> 1689
2003 Baseline Survey Data		
Baseline Cover of ERAR: 85.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey S	art Time: 08:50 AM Survey End	Time: 09:05 AM
Surveyors: Amy Mattson, Jonathan Mer	cado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-759	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Cover of Other Native Species	n Basin: Other Native Sp	ecies Richness in Basin: 4
Nonnative Species in Pool:		
Sp	ecies Name	Cover
Bromus hor	deaceus - soft chess	1-5%

2.01110.010.00000			20/0
Festuca perenn	<i>is</i> - rye grass		<1%
Cover of Nonnative Species in Basin:	10-25%	Nonnative Species Richne	<b>ss in Basin:</b> 6
Bare Ground Cover in Basin: 5-10%	Cover of Rock	<b>(s/Cobble in Basin:</b> 5-10%	Cover of Litter in Basin: 1-5%
Days Since Last Rain: 6-15	Ponded Wate	er Present: no	
Dead Species Present in Pool:			

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1689

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

<b>Complex Name:</b> Robinhood Ridge (J4-5)		<b>VP ID:</b> 1691
2003 Baseline Survey Data		
Baseline Cover of ERAR: 50.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey St	art Time: 03:15 PM Survey E	nd Time: 03:28 PM
Surveyors: Amy Mattson, Jonathan Merc	cado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Cover of Other Native Species i	n Basin: Other Native	Species Richness in Basin: 1
Spe	ecies Name	Cover
Bromus hore	<i>deaceus</i> - soft chess	<1%
Bromus madı	ritensis - foxtail chess	<1%
Festuca myuros	s - rattail sixweeks grass	1-5%
Festuca pe	erennis - rye grass	<1%
Cover of Nerrotive Creation in I		and a Richman in Residue F

Cover of Nonnative Species in Basin: 25-50%Nonnative Species Richness in Basin: 5Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</td>

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1691

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erodium brachycarpum - short-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Mesembryanthemum nodiflorum - slender-leaved iceplant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1692
2003 Baseline Survey Data		
Baseline Cover of ERAR: 95.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/11/2022 Survey Star	rt Time: 08:10 AM Survey End	<b>Time:</b> 08:38 AM
Surveyors: Amy Mattson, Jonathan Merca	do	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	ies Name	Cover
Eleocharis macrost	achya - pale spike-rush	10-25%
Juncus bufo	<i>nius</i> - toad rush	<1%
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
Cover of Other Native Species in	Basin: Other Native S	pecies Richness in Basin: 3
Nonnative Species in Pool:		
	ies Name	Cover
	eaceus - soft chess	1-5%
Erodium botrvs - lor	ng-beak filaree/storksbill	<1%
	· ·	
Festuca mvuros -	rattail sixweeks grass	1-5%
	rattail sixweeks grass ennis - rye grass	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 8Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 1-5%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:East Rain: 6-15

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1692

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bromus hordeaceus - soft chess
Croton setiger - doveweed
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Heteromeles arbutifolia - toyon
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5	)	<b>VP ID:</b> 1693
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey S	tart Time: 02:45 PM Survey End	Time: 03:04 PM
Surveyors: Amy Mattson, Jonathan Mer	cado	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75	<b>% Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Cover of Other Native Species	in Basin: Other Native Sp	pecies Richness in Basin: 1
Nonnative Species in Pool:		
Sp	ecies Name	Cover
Bromus ho	deaceus - soft chess	1-5%
Bromus maa	ritensis - foxtail chess	1-5%

Festuca myuros - rat	1-5%			
Lamarckia aure	<i>a</i> - golden-top	<1%		
Cover of Nonnative Species in Basin: 25-50%         Nonnative Species Richness in Basin: 5				
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 5-10%	Cover of Litter in Basin: 1-5%		
Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 6-15	Cover of Rocks/Cobble in Basin: 5-10% Ponded Water Present: no	Cover of Litter in Basin: 1-5%		

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1693

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Mesembryanthemum nodiflorum - slender-leaved iceplant
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Complex Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1694	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 2.0Baseline Cover	of NAFO: 0.0 Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 Baseline Cover	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey Start Time: 02:20 PM	Survey End Time: 02:42 PM	
Surveyors: Amy Mattson, Jonathan Mercado		
VPHCP Covered Species Present:		
Cover of ERAR in Basin: Cover of NAFO	in Basin: Cover of ORCA in Basin:	
Cover of POAB in Basin: Cover of PONU in Basin:		
Other Native Species in Pool:		
Cover of Other Native Species in Basin: Other Native Species Richness in Basin: 1		
Nonnative Species in Pool:		
Species Name	Cover	
Bromus madritensis - foxtail ches	ss 10-25%	

Bromus madritensis - foxtail chess		10-25%
Erodium botrys - long-beak filaree/storksbill		1-5%
Festuca myuros - rattail sixweeks grass		1-5%
Cover of Nonnative Species in Basin	: 1-5% Nonnative Species Richne	ss in Basin: 4
Bare Ground Cover in Basin: >75%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: 1-5%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1694

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1696	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 15.0 Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 10.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/6/2022 Survey Star	Date: 5/6/2022Survey Start Time: 01:33 PMSurvey End		
Surveyors: Amy Mattson, Jonathan Mercae	do		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Speci	es Name	Cover	
Cylindropuntia pr	<i>rolifera</i> - coast cholla	<1%	
Cylindropuntia pr	-	<1% pecies Richness in Basin: 2	
Cover of Other Native Species in	-		
Cover of Other Native Species in Nonnative Species in Pool:	-		
Cover of Other Native Species in Nonnative Species in Pool: Species	Basin: Other Native S	pecies Richness in Basin: 2	
Cover of Other Native Species in Nonnative Species in Pool: Species Bromus horder	Basin: Other Native S	pecies Richness in Basin: 2 Cover	
Cover of Other Native Species in Donnative Species in Pool:           Nonnative Species in Pool:           Species           Bromus horder           Bromus madrite	Basin: Other Native S es Name aceus - soft chess	pecies Richness in Basin: 2 Cover 1-5%	
Cover of Other Native Species in Donnative Species in Pool: Nonnative Species in Pool: Bromus horder Bromus madrite Festuca myuros - 1	Basin: Other Native S es Name aceus - soft chess ensis - foxtail chess	pecies Richness in Basin: 2 Cover 1-5% <1%	
Cover of Other Native Species in Donnative Species in Pool: Nonnative Species in Pool: Bromus horder Bromus madrite Festuca myuros - Festuca pere	Basin: Other Native S es Name aceus - soft chess ensis - foxtail chess rattail sixweeks grass	pecies Richness in Basin: 2 Cover 1-5% <1% 1-5%	
Cover of Other Native Species in I Nonnative Species in Pool: Bromus horder Bromus madrite Festuca myuros - Festuca pere Lactuca serrior	Basin: Other Native S es Name aceus - soft chess ensis - foxtail chess rattail sixweeks grass ennis - rye grass	Cover         1-5%         <1%	
Cover of Other Native Species in I Nonnative Species in Pool: Specie Bromus horder Bromus madrite Festuca myuros - Festuca pere Lactuca serriol Lysimachia arvens	Basin: Other Native S es Name acceus - soft chess ensis - foxtail chess rattail sixweeks grass ennis - rye grass la - prickly lettuce	Cover         1-5%         <1%	
Cover of Other Native Species in I Nonnative Species in Pool: Specie Bromus horder Bromus madrite Festuca myuros - Festuca pere Lactuca serriol Lysimachia arvens	Basin:       Other Native S         es Name	Cover         1-5%         <1%	
Cover of Other Native Species in I Nonnative Species in Pool: Specie Bromus horder Bromus madrite Festuca myuros - Festuca pere Lactuca serriol Lysimachia arvens Sonchus asper ssp. as Cover of Nonnative Species in Bas	Basin:       Other Native S         es Name	Cover         1-5%         <1%	

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1696

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1697
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 2.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey Sta	rt Time: 01:05 PM Survey En	<b>d Time:</b> 01:36 PM
Surveyors: Amy Mattson, Jonathan Merca	ido	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Cylindropuntia prolifera - coast cholla		<1%
Cover of Other Native Species in Basin: Other Native Spe		pecies Richness in Basin: 2
Nonnative Species in Pool:		
Spec	ies Name	Cover
Bromus hordeaceus - soft chess		<1%
Festuca myuros -	Festuca myuros - rattail sixweeks grass	
Lactuca serric	Lactuca serriola - prickly lettuce	
Lysimachia arven	Lysimachia arvensis - scarlet pimpernel	
Cover of Nonnative Species in Ba	Asin: 25-50% Nonnative Spe	cies Richness in Basin: 7
Bare Ground Cover in Basin: 5-10	<b>Cover of Rocks/Cobble in Bas</b>	in: 10-25% Cover of Litter in Basin: 5-10%
Dave Since Last Pain: 6 15	Donded Water Present, po	

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1697

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1698
		VP ID. 1098
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
	-	d Time: 12:30 PM
Surveyors: Amy Mattson, Jonathan Merca	do	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Cylindropuntia prolifera - coast cholla		1-5%
<b>Cover of Other Native Species in</b>	Basin: Other Native S	pecies Richness in Basin: 2
Nonnative Species in Pool:		
	es Name	Cover
Bromus hordeaceus - soft chess		1-5%
Bromus madritensis - foxtail chess		1-5%
Erodium botrys - long-beak filaree/storksbill		<1%
Festuca myuros - rattail sixweeks grass		1-5%
Lactuca serriola - prickly lettuce		<1%
Lamarckia aurea - golden-top		<1%
Lysimachia arvensis - scarlet pimpernel		<1%
•	le-seeded canary grass	<1%
	a - hood canary grass	<1%
		<u>`<u></u>∠,v</u>

 Cover of Nonnative Species in Basin: 10-25%
 Nonnative Species Richness in Basin: 7

 Bare Ground Cover in Basin: 10-25%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: <1%</td>

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

 Dead Species Present in Pool:
 Vertice Present: no
 Vertice Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1698

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Mesembryanthemum nodiflorum - slender-leaved iceplant
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

#### Fiscal Year: 2022 Complex Name: Robinhood Ridge (J4-5) **VP ID:** 1699 2003 Baseline Survey Data Baseline Cover of ERAR: 5.0 Baseline Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0 Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 2.0 2021 Quantitative Monitoring Data Survey Start Time: 11:31 AM Survey Date: 5/6/2022 Survey End Time: 11:49 AM Surveyors: Amy Mattson, Jonathan Mercado VPHCP Covered Species Present: ERAR **Cover of ERAR in Basin:** 25-50% **Cover of NAFO in Basin:** Cover of ORCA in Basin: Cover of POAB in Basin: Cover of PONU in Basin: **Other Native Species in Pool: Other Native Species Richness in Basin:** 1 **Cover of Other Native Species in Basin:**

#### Nonnative Species in Pool:

Species Name		Cover
Bromus hordeaceus - soft chess		10-25%
Bromus madritensis - foxtail chess		1-5%
Festuca myuros - rattail sixweeks grass		10-25%
Lactuca serriola - prickly lettuce		<1%
Cover of Nonnative Species in Basin: 50-75% Nonnative Species Richness in Basin: 7		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 10-25%	<b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1699

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Simmondsia chinensis - jojoba

Fiscal Year: 2022			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1700	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 75.0	Baseline Cover of NAFO: 2.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0		
2021 Quantitative Monitoring Data			
Survey Date: 5/6/2022 Survey Sta	rt Time: 10:45 AM Survey End	d Time: 11:28 AM	
Surveyors: Amy Mattson, Jonathan Merca	ado		
VPHCP Covered Species Present: PONU, E	ERAR		
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of POAB in Basin: Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	cies Name	Cover	
Cylindropuntia p	Cylindropuntia prolifera - coast cholla		
Cover of Other Native Species in Basin:Other Native Species Richness in Basin: 4		pecies Richness in Basin: 4	
Nonnative Species in Pool:			
Spec	ies Name	Cover	
	tensis - foxtail chess	<1%	
Festuca myuros -	Festuca myuros - rattail sixweeks grass		
Lactuca serric	Lactuca serriola - prickly lettuce		
Mesembryanthemum cry	Mesembryanthemum crystallinum - crystalline iceplant		
Salsola tragu	<i>ıs</i> - Russian thistle	<1%	
Cover of Nonnative Species in Ba	asin: 25-50% Nonnative Spe	cies Richness in Basin: 8	
Bare Ground Cover in Basin: 5-1	0% Cover of Rocks/Cobble in Bas	in: 25-50% Cover of Litter in Basin: 1-5%	
Days Since Last Rain: 6-15	Ponded Water Present: no		
Dead Granica Descenti D. 1			

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1700

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Heterotheca grandiflora - telegraph weed
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Stipa lepida - foothill needle grass

Complex Name: Robinhood Ridge (J4-5)	plex Name: Robinhood Ridge (J4-5) VP ID: 1701	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey Star	rt Time: 10:17 AM Survey E	nd Time: 10:40 AM
Surveyors: Amy Mattson, Jonathan Merca	do	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of POAB in Basin: Cover of PONU in Basin:	
Other Native Species in Pool:		
Other Native Species in Pool: Cover of Other Native Species in Nonnative Species in Pool:	Basin: Other Native	Species Richness in Basin: 2
Cover of Other Native Species in Nonnative Species in Pool:	Basin: Other Native	Species Richness in Basin: 2 Cover
Cover of Other Native Species in Nonnative Species in Pool: Speci		
Cover of Other Native Species in Nonnative Species in Pool: Speci Bromus horde	ies Name	Cover
Cover of Other Native Species in Nonnative Species in Pool: Speci Bromus horde Bromus madrite	i <mark>es Name</mark> Paceus - soft chess	- Cover 1-5%
Cover of Other Native Species in Nonnative Species in Pool: Speci Bromus horde Bromus madrite Erodium botrys - Ion	i <b>es Name</b> Paceus - soft chess ensis - foxtail chess	Cover 1-5% <1%
Cover of Other Native Species in Nonnative Species in Pool: Speci Bromus horde Bromus madrit Erodium botrys - Ion Festuca myuros -	i <mark>es Name</mark> Paceus - soft chess ensis - foxtail chess ng-beak filaree/storksbill	Cover 1-5% <1% <1%
Cover of Other Native Species in Nonnative Species in Pool: Speci Bromus horde Bromus madrite Erodium botrys - lon Festuca myuros - Lactuca serrio	ies Name Paceus - soft chess ensis - foxtail chess ng-beak filaree/storksbill rattail sixweeks grass	Cover 1-5% <1% <1% <1%

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: <1% Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1701

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name	
Artemisia californica - California sagebrush	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Cylindropuntia prolifera - coast cholla	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Hainardia cylindrica - barb grass	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Lysimachia arvensis - scarlet pimpernel	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Opuntia littoralis - coast prickly-pear	
Phalaris paradoxa - hood canary grass	
Pogogyne nudiuscula - Otay mesa mint	
Rhus integrifolia - lemonade berry	
Salvia mellifera - black sage	
Simmondsia chinensis - jojoba	
Stipa pulchra - purple needle grass	

#### Fiscal Year: 2022

Complex Name: Robinhood Ridge (J4-5)	lex Name: Robinhood Ridge (J4-5)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/6/2022 Survey Star	t Time: 09:40 AM Survey End	Time: 10:12 AM
Surveyors: Amy Mattson, Jonathan Merca	do	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Cover of Other Native Species in	Basin: Other Native Sp	ecies Richness in Basin: 3
Nonnative Species in Pool:		
Speci	es Name	Cover
Bromus horde	aceus - soft chess	10-25%
Bromus madrit	ensis - foxtail chess	<1%

 Festuca myuros - rattail sixweeks grass
 1-5%

 Lactuca serriola - prickly lettuce
 <1%</td>

 Cover of Nonnative Species in Basin: 10-25%
 Nonnative Species Richness in Basin: 9

 Bare Ground Cover in Basin: 5-10%
 Cover of Rocks/Cobble in Basin: 10-25%
 Cover of Litter in Basin: <1%</td>

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Dead Species Present in Pool:

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1702

### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Peritoma arborea - bladderpod
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Simmondsia chinensis - jojoba

Fiscal Year: 2022				
Complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1703	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFC	<b>):</b> 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	seline Cover of POAB: 0.0 Baseline Cover of PONU: 0.5			
2021 Quantitative Monitoring Data				
Survey Date: 5/4/2022 Survey S	tart Time: 03:25 PM Se	urvey End T	ime: 03:42 PM	
Surveyors: Jason Allen, Amy Mattson, Jo	onathan Mercado			
VPHCP Covered Species Present: ERAR				
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin	:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of POAB in Basin: Cover of PONU in Basin:			
Other Native Species in Pool:				
Sp	ecies Name		Cover	
Cylindropuntic	<i>r prolifera -</i> coast cholla		<1%	
Ferocactus viridesco	ens - San Diego barrel cactus		<1%	
<b>Cover of Other Native Species</b>	in Basin: Other	Native Spe	cies Richness in Basin: 4	
Nonnative Species in Pool:				
Sp	ecies Name		Cover	
Bromus ho	Bromus hordeaceus - soft chess		10-25%	
Bromus maa	lritensis - foxtail chess		<1%	
E	rodium sp.		<1%	
Festuca myuro	s - rattail sixweeks grass		5-10%	

Lactuca serriola - prickly lettuce<1%</th>Sonchus asper ssp. asper - prickly sow thistle<1%</td>Cover of Nonnative Species in Basin: 50-75%Nonnative Species Richness in Basin: 11Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: 1-5%Days Since Last Rain: 6-15Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1703

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Hordeum murinum - wall barley
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Peritoma arborea - bladderpod
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Stipa miliacea var. miliacea - smilo grass

Fiscal Year: 2022				
Complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1705	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0	Baseline Cover of N	<b>AFO:</b> 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PC	<b>DNU:</b> 0.5		
2021 Quantitative Monitoring Data				
Survey Date: 5/4/2022 Survey Sta	art Time: 02:49 PM	Survey End T	End Time: 03:19 PM	
Surveyors: Jason Allen, Amy Mattson, Jor	nathan Mercado			
VPHCP Covered Species Present: ERAR				
Cover of ERAR in Basin: <1% Cover of NAFO in Basin:		isin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:			
Other Native Species in Pool:				
Spe	cies Name		Cover	
Cylindropuntia p	<i>prolifera -</i> coast cholla		<1%	
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf wo	oollyheads	<1%	
Cover of Other Native Species in	n Basin: Ot	her Native Spe	cies Richness in Basin: 4	
Nonnative Species in Pool:				
	cies Name		Cover	
Bromus hord	<i>leaceus</i> - soft chess		<1%	
Bromus madri	itensis - foxtail chess		<1%	
Erodium cicutai	rium - redstem filaree		<1%	
Euphorbia serpe	ens - matted sandmat		<1%	
Festuca myuros	- rattail sixweeks grass		1-5%	

Phalaris minor - little-se	eeded canary grass	<1%
Polypogon monspeliens	<i>is</i> - rabbitfoot grass	<1%
Sonchus asper ssp. asper	r - prickly sow thistle	<1%
Cover of Nonnative Species in Basin:	50-75% Nonnative Species Richnes	ss in Basin: 11
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: 5-10%
Days Since Last Rain: 6-15	Ponded Water Present: no	

Festuca perennis - rye grass Glebionis coronaria - crown daisy

Lactuca serriola - prickly lettuce

Lysimachia arvensis - scarlet pimpernel

Dead Species Present in Pool:

<1%

<1%

1-5%

5-10%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

VP ID: 1705

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1706
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 10.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/4/2022 Survey St	art Time: 02:14 PM Survey End	d Time: 02:44 PM
Surveyors: Jason Allen, Amy Mattson, Jo	nathan Mercado	
VPHCP Covered Species Present: PONU		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	ecies Name	Cover
	<i>roides</i> - broom baccharis	5-10%
Deinandra fascic	ulata - fascicled tarweed	<1%
Erigeron can	Erigeron canadensis - horseweed	
Matricaria discoidea - pineapple weed		<1%
Cover of Other Native Species i	n Basin: Other Native S	pecies Richness in Basin: 2
Nonnative Species in Pool:		
Spe	ecies Name	Cover
Brassica nig	Brassica nigra - black mustard	
Bromus hor	deaceus - soft chess	<1%
Bromus made	ritensis - foxtail chess	<1%
Centaurea r	Centaurea melitensis - tocalote	
Erodium botrys - le	Erodium botrys - long-beak filaree/storksbill	
Erodium cicuto	arium - redstem filaree	<1%
Festuca myuros	Festuca myuros - rattail sixweeks grass	
Glebionis cor	Glebionis coronaria - crown daisy	
Hainardia cy	Hainardia cylindrica - barb grass	
Mesembryanthemum noo	Mesembryanthemum nodiflorum - slender-leaved iceplant	
Salsola trag	Salsola tragus - Russian thistle	
Schismus barbatus	- Mediterranean schismus	<1%
Cover of Nonnative Species in I	Basin: 1-5% Nonnative Spe	cies Richness in Basin: 11

 Bare Ground Cover in Basin: 50-75%
 Cover of Rocks/Cobble in Basin: 5-10%
 Cover of Litter in Basin: 1-5%

 Days Since Last Rain: 6-15
 Ponded Water Present: no

 Dead Species Present in Basik
 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1706

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Euphorbia maculata - spotted spurge
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Matricaria discoidea - pineapple weed
Mesembryanthemum nodiflorum - slender-leaved iceplant
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

Fiscal Year: 2022		
Complex Name: Robinhood Ridge (J4-5	)	<b>VP ID:</b> 1708
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 3.0	
2021 Quantitative Monitoring Data		
Survey Date: 5/4/2022 Survey S	tart Time: 01:45 PM Survey End	Time: 02:11 PM
Surveyors: Jason Allen, Amy Mattson, Jo	onathan Mercado	
VPHCP Covered Species Present: PONU		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 5-10%	
Other Native Species in Pool:		
-	ecies Name	Cover
Erigeron canadensis - horseweed		<1%
Nonnative Species in Pool: Sp	ecies Name	Cover
Bromus hordeaceus - soft chess		<1%
Bromus madritensis - foxtail chess		1-5%
Carrichtera annua - Ward's weed		<1%
Erodium cicut	<i>arium</i> - redstem filaree	1-5%
Festuca myuro	1-5%	
Lactuca ser	<1%	
Lysimachia arvensis - scarlet pimpernel		1-5%
Phalaris minor - little-seeded canary grass		1-5%
Schismus barbatus - Mediterranean schismus		<1%
Sonchus asper ssp	. asper - prickly sow thistle	<1%
Cover of Nonnative Species in	Basin: 50-75% Nonnative Spec	ies Richness in Basin: 10
Bare Ground Cover in Basin: 5-	10% Cover of Rocks/Cobble in Basi	n: 5-10% Cover of Litter in Basin: <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Deed Constant Deeds to Deeds		

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1708

#### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis pilularis - coyote brush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 2022	
Complex Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1709
2003 Baseline Survey Data	
Baseline Cover of ERAR: 0.5 Bas	e Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline	e Cover of PONU: 0.0
2021 Quantitative Monitoring Data	
Survey Date: 5/6/2022 Survey Start Tim	8:20 AM Survey End Time: 09:00 AM
Surveyors: Amy Mattson, Jonathan Mercado	
VPHCP Covered Species Present: PONU	
Cover of ERAR in Basin: Cov	of NAFO in Basin: Cover of ORCA in Basin:
Cover of POAB in Basin: Cov	of PONU in Basin: <1%
Other Native Species in Pool:	
Cover of Other Native Species in Basin	Other Native Species Richness in Basin: 3

#### **Nonnative Species in Pool:**

Species Name	Cover
Avena barbata - slender wild oat	<1%
Bromus hordeaceus - soft chess	25-50%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	5-10%
Lactuca serriola - prickly lettuce	<1%
Cover of Nonnative Species in Basin: 50-75% Non	native Species Richness in Basin: 16

Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1% Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Avena barbata - slender wild oat
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Sonchus asper ssp. asper - prickly sow thistle

Notes:

**VP ID:** 1709

Fiscal Year: 2022				
Complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1710	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 90.0	Base	eline Cover of NAF	<b>0:</b> 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Base	eline Cover of PON	IU: 10.0	
2021 Quantitative Monitoring D	Jata			
Survey Date: 5/6/2022 S	urvey Start Time	e: 09:12 AM	Survey End T	ime: 09:38 AM
Surveyors: Amy Mattson, Jonath	ian Mercado			
VPHCP Covered Species Present	: ERAR			
Cover of ERAR in Basin	: 10-25% <b>Cove</b>	er of NAFO in Basi	n:	Cover of ORCA in Basin:
Cover of POAB in Basin	: Cove	er of PONU in Basi	n:	
Other Native Species in Pool:				
	Species Nan	me		Cover
Cylindropuntia prolifera - coast cholla		<1%		
Cover of Other Native Species in Basin: Other Native Spe		cies Richness in Basin: 2		
Nonnative Species in Pool:				
	Species Nan	me		Cover
Bro	Bromus hordeaceus - soft chess		10-25%	
Brom	Bromus madritensis - foxtail chess		<1%	
Festuco	Festuca myuros - rattail sixweeks grass		<1%	
Lact	Lactuca serriola - prickly lettuce		<1%	
Lysimad	Lysimachia arvensis - scarlet pimpernel		<1%	

Cover of Nonnative Species in Basin: 50-75%Nonnative Species Richness in Basin: 8Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

Mesembryanthemum nodiflorum - slender-leaved iceplant

Appendix B-2 264

<1%

Fiscal Year: 2022

**Complex Name:** Robinhood Ridge (J4-5)

**VP ID:** 1710

#### 2021 Quantitative Monitoring Data continued

#### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2022

Complex Name: South Otay 1 acre (J13N)

**VP ID:** 1235

2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	line Cover of ERAR: 0.0 Baseline Cover of NAFO: 0.5		Baseline Cover of ORCA: 10.0
Baseline Cover of POAB: 0.0	Baseline Cover of P	<b>ONU:</b> 0.0	
2021 Quantitative Monitoring	g Data		
Survey Date: 4/20/2022	Survey Start Time: 11:37 AM	Survey End	Time: 11:59 AM
Surveyors: Jason Allen, Amy N	/lattson, Jonathan Mercado		
VPHCP Covered Species Prese	ent:		
Cover of ERAR in Bas	sin: Cover of NAFO in B	asin:	Cover of ORCA in Basin:
Cover of POAB in Bas	sin: Cover of PONU in B	Basin:	
Other Native Species in Pool:			
	Species Name		Cover
Eleoch	Eleocharis macrostachya - pale spike-rush		1-5%
٨	Malvella leprosa - alkali-mallow		1-5%
Psilocarphus bre	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%

**Cover of Other Native Species in Basin:** 

**Nonnative Species in Pool:** 

Species Name	Cover
Avena barbata - slender wild oat	<1%
Festuca perennis - rye grass	50_75
Hordeum marinum ssp. gussoneanum - Mediterranean barley	<1%
Phalaris minor - little-seeded canary grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nonnative Species in Basin: 25-50% Nonnative Species	s Richness in Basin: 10

**Other Native Species Richness in Basin:** 3

**Bare Ground Cover in Basin:** 1-5% **Cover of Rocks/Cobble in Basin:** <1% Days Since Last Rain: 6-15

Ponded Water Present: no

**Dead Species Present in Pool:** 

Cover of Litter in Basin: 10-25%

Fiscal Year: 2022

**Complex Name:** South Otay 1 acre (J13N)

**VP ID:** 1235

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Atriplex semibaccata - Australian saltbush
Avena barbata - slender wild oat
Bromus diandrus - ripgut grass
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Erodium cicutarium - redstem filaree
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Hypochaeris glabra - smooth cat's-ear
Lepidium nitidum - shining peppergrass
Malvella leprosa - alkali-mallow
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

Complex Name: South Otay	/ 1 acre (J13N	<b>VP ID:</b> 2339			
2003 Baseline Survey Data	-	- 			
Baseline Cover of ERAR: 0.5		Baseline Cover of	f NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0		Baseline Cover of PONU: 0.0			
2021 Quantitative Monitori	ng Data				
Survey Date: 4/20/2022	Survey Sta	art Time: 11:02 AM	Survey End	Time: 11:22 AM	
Surveyors: Jason Allen, Amy	Mattson, Jor	athan Mercado			
VPHCP Covered Species Pre	sent: ERAR				
Cover of ERAR in B	asin: <1%	Cover of NAFO in	Basin:	Cover of ORCA in Basin:	
Cover of POAB in B	asin:	Cover of PONU in	Basin:		
Other Native Species in Poo	<u>) :</u>				
	Spee	cies Name		Cover	
	Cressa truxillensis - alkali weed			<1%	
Eleoo	Eleocharis macrostachya - pale spike-rush		ush	5-10%	
	Malvella leprosa - alkali-mallow		5-10%		
Psilocarphus bi	revissimus var	. brevissimus - dwarf	f woollyheads	1-5%	
Cover of Other Nat	ive Species ir	n Basin:	Other Native Sp	ecies Richness in Basin: 7	
Nonnative Species in Pool:					
	Spee	cies Name		Cover	
Er	<i>Erodium cicutarium</i> - redstem filaree		e	<1%	

Erodium cicutarium	- redstem filaree	<1%	
Festuca perenn	<i>iis</i> - rye grass	50_75	
Hordeum marinum ssp. gussone	anum - Mediterranean barley	1-5%	
Cover of Nonnative Species in Basin: 50-75% Nonnative Species Richness in Basin: 7			
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: <19	% Cover of Litter in Basin: 10-25%	
Days Since Last Rain: 6-15	Ponded Water Present: no		
Dead Species Present in Pool:			

Fiscal Year: 2022

**Complex Name:** South Otay 1 acre (J13N)

VP ID: 2339

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Avena barbata - slender wild oat
Bromus madritensis - foxtail chess
Cressa truxillensis - alkali weed
Eleocharis macrostachya - pale spike-rush
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca perennis - rye grass
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Malvella leprosa - alkali-mallow

Fiscal Year: 2022

Complex Name: West Otay C (J32)

**VP ID:** 1545

2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.5		Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0		Baseline Cover of PONU: 0.0		
2021 Quantitative Monitor	ing Data			
Survey Date: 4/20/2022	Survey Sta	rt Time: 01:00 PM	Survey End T	ime: 01:58 PM
Surveyors: Jason Allen, Amy	Mattson, Jon	athan Mercado		
VPHCP Covered Species Pre	sent: PONU, E	RAR		
Cover of ERAR in Basin: 1-5%		Cover of NAFO in Basin:		Cover of ORCA in Basin:
Cover of POAB in Basin:		Cover of PONU in Basin: 5-10%		
Other Native Species in Poc	ol:			
	Spec	ies Name		Cover
Васо	Baccharis sarothroides - broom baccharis		<1%	
	Cryptantha sp.		<1%	
Deir	Deinandra fasciculata - fascicled tarweed		5-10%	
	Erigeron canadensis - horseweed		<1%	

*Myosurus minimus* ssp. *apus* - little mouse tail *Plantago elongata* - prairie plantain

Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

**Cover of Other Native Species in Basin: Other Native Species Richness in Basin:** 6

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lythrum hyssopifolia - grass poly	<1%
Sonchus oleraceus - common sow thistle	<1%
<i>Spergularia</i> sp.	<1%

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 6

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: <1%

. ....

Cover of Litter in Basin: 25-50%

<1%

<1%

50\_75

Days Since Last Rain: 6-15 Ponded Water Present: no

Fiscal Year: 2022

Complex Name: West Otay C (J32)

### 2021 Quantitative Monitoring Data continued

### Associated Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Baccharis pilularis - coyote brush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Myosurus minimus ssp. apus - little mouse tail
Oncosiphon pilulifer - stinknet
Peritoma arborea - bladderpod
Plantago elongata - prairie plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Spergularia bocconi - Boccone's sand-spurrey
Uropappus lindleyi - silver puffs

Notes:

**VP ID:** 1545

# Appendix C-1

# 2022 Vernal Pool Management Photolog



Photo 1. Weeds growing in vernal pool.



Photo 2. Weeds removed from vernal pool.



Photo 3. Illegal dump debris around vernal pool.



Photo 4. Contracted crew performing weed control.



Photo 5. Vernal pool with focal species.



Photo 6. Contracted crew performing fence repair.



Photo 7. Vernal pool filled with water.



Photo 8. Trash picked up from inside and outside complex.



Photo 9. Fence and sign installed to restrict access to vernal pools.



Photo 10. Vernal pool with focal species.



Photo 11. Trash picked up from inside complex.



Photo 12. Trash picked up from inside complex.



Photo 13. Dry vernal pool.



Photo 14. Vernal pool with focal species.



Photo 15. Vernal pool with focal species.



Photo 16. Vernal pool with focal species.



Photo 17. Contracted crew removing trash and performing weed control.



Photo 18. Contracted crew removing trash.



Photo 19. City staff performing weed control.



Photo 20. Contracted crew performing kiosk installation.



Photo 21. Dry vernal pool.



Photo 22. Weeds invading vernal pool.



Photo 23. Vernal pool filled with water.



Photo 24. Fence damaged.



Photo 25. City staff performing gate installation.



Photo 26. City staff performing gate installation.



Photo 27. Contracted crew performing trash pickup.



Photo 28. Illegal vegetation clearing.



Photo 29. Vernal pool with vegetation.



Photo 30. Fence installed to restrict access to vernal pools.



Photo 31. Contracted crew performing weed control.



Photo 32. Contracted crew performing weed control.



Photo 33. Vernal pool with focal species.



Photo 34. Contracted crew performing weed control.



Photo 35. City staff performed weed control.



Photo 36. Contracted crew performing weed control.



Photo 37. Vernal pool with vegetation.



Photo 38. Vernal pool with vegetation.



Photo 39. Vernal pool with vegetation.



Photo 40. Vernal pool with focal species.



Photo 41. Entomology study of pollinators.



Photo 42. Fence with vernal pool.



Photo 43. Fence relocated outside vernal pool.



Photo 44. Vernal pool with vegetation.



Photo 45. Vernal pool with vegetation.



Photo 46. Fence to restrict access from vernal pools.



Photo 47. Sign to restrict access to vernal pools.



Photo 48. Vernal pool with vegetation.



Photo 49. Sign to restrict access to vernal pools.



Photo 50. Contracted staff performing plant installation.



Photo 51. City staff installing plant protectors.



Photo 52. Contracted staff performing trash pickup.



Photo 53. City staff performed sign replacement and fence repair.



Photo 54. Contracted crew performing weed control.



Photo 55. Trash inside vernal pool preserve.



Photo 56. Shooting target inside vernal pool preserve.



Photo 57. Contracted crew performing fence installation.



Photo 58. Contracted crew performing habitat restoration.



Photo 59. Contracted crew performing trash pickup.

**Photographic Documentation** Photos 58 & 59



Photo 60. Contracted crew peforming plant installation.



Photo 61. Contracted crew performing weed control.



Photo 62. Illegal trails through vernal pools.

Photographic Documentation Photos 61 & 62



Photo 63. City staff performing weed control.



Photo 64. City staff installed barricades to block access into vernal pools.



Photo 65. Vernal pool with vegetation.

Photographic Documentation Photos 64 & 65



Photo 66. Dry vernal pool.



Photo 67. Contracted crew performing fence installation.

Photographic Documentation Photos 66 & 67



Photo 68. Vernal pool with focal species.



Photo 69. Vernal pools filled with water.



Photo 70. Contracted crew performing fence installation.

**Photographic Documentation** Photos 69 & 70



Photo 71. Contracted crew performing fence installation.



Photo 72. Fence installed to restrict access to vernal pools.



Photo 73. Vernal pool with vegetation.

Photographic Documentation Photo 73

## Appendix C-2

## 2022 Vernal Pool Monitoring Photolog



Photo 1. Pool 100



Photo 2. Pool 1310

Photographic Documentation Photos 1 & 2



Photo 3. Pool 1321



Photo 4. Pool 1713



Photo 5. Pool 1724



Photo 6. Pool 295

Photographic Documentation Photos 5 & 6



Photo 7. Pool 301



Photo 8. Pool 42

Photographic Documentation Photos 7 & 8



Photo 9. Pool 445



Photo 10. Pool 447

Photographic Documentation Photos 9 & 10



Photo 11. Pool 449



Photo 12. Pool 450

Photographic Documentation Photos 11 & 12



Photo 13. Pool 451



Photo 14. Pool 452

Photographic Documentation Photos 13 & 14



Photo 15. Pool 459



Photo 16. Pool 464

Photographic Documentation Photos 15 & 16



Photo 17. Pool 471



Photo 18. Pool 473

Photographic Documentation Photos 17 & 18



Photo 19. Pool 483



Photo 20. Pool 484

Photographic Documentation Photos 19 & 20



Photo 21. Pool 490



Photo 22. Pool 502

Photographic Documentation Photos 21 & 22



Photo 23. Pool 509



Photo 24. Pool 51

Photographic Documentation Photos 23 & 24



Photo 25. Pool 591



Photo 26. Pool 67

Photographic Documentation Photos 25 & 26



Photo 27. Pool 78



Photo 28. Pool 89

Photographic Documentation Photos 27 & 28



Photo 29. Pool 96

Photographic Documentation Photo 29



Photo 30. Pool 2022



Photo 31. Pool 2025

Photographic Documentation Photos 30 & 31



Photo 32. Pool 2039



Photo 33. Pool 2043

Photographic Documentation Photos 32 & 33



Photo 34. Pool 2044



Photo 35. Pool 2185

Photographic Documentation Photos 34 & 35



Photo 36. Pool 2189



Photo 37. Pool 1077



Photo 38. Pool 1092

Photographic Documentation Photos 37 & 38



Photo 39. Pool 1096



Photo 40. Pool 1109

Photographic Documentation Photos 39 & 40



Photo 41. Pool 1740



Photo 42. Pool 1743

Photographic Documentation Photos 41 & 42



Photo 43. Pool 1746

Photographic Documentation Photo 43



Photo 44. Pool 876

Photographic Documentation Photo 44



Photo 45. Pool 1255



Photo 46. Pool 1260

Photographic Documentation Photos 45 & 46



Photo 47. Pool 1264



Photo 48. Pool 1272

Photographic Documentation Photos 47 & 48



Photo 49. Pool 1842



Photo 50. Pool 2468

Photographic Documentation Photos 49 & 50



Photo 51. Pool 1141



Photo 52. Pool 1142



Photo 53. Pool 1189



Photo 54. Pool 1775



Photo 55. Pool 1920



Photo 56. Pool 2642



Photo 57. Pool 1177

Photographic Documentation Photo 57



Photo 58. Pool 706



Photo 59. Pool 712

Photographic Documentation Photos 58 & 59



Photo 60. Pool 4256



Photo 61. Pool 4596



Photo 62. Pool 5352



Photo 63. Pool 5355



Photo 64. Pool 5356



Photo 65. Pool 5358



Photo 66. Pool 5363



Photo 67. Pool 5369



Photo 68. Pool 5371



Photo 69. Pool 5388



Photo 70. Pool 5423



Photo 71. Pool 6351



Photo 72. Pool 6384



Photo 73. Pool 666

Photographic Documentation Photo 73



Photo 74. Pool 208



Photo 75. Pool 656



Photo 76. Pool 891



Photo 77. Pool 892 NW

Photographic Documentation Photos 76 & 77



Photo 78. Pool 892 West



Photo 79. Pool 1801



Photo 80. Pool 1577



Photo 81. Pool 1580

Photographic Documentation Photos 80 & 81



Photo 82. Pool 1595



Photo 83. Pool 1596

Photographic Documentation Photos 82 & 83



Photo 84. Pool 1598



Photo 85. Pool 1599

Photographic Documentation Photos 84 & 85



Photo 86. Pool 1600



Photo 87. Pool 1601

Photographic Documentation Photos 86 & 87



Photo 88. Pool 1602



Photo 89. Pool 1603

Photographic Documentation Photos 88 & 89



Photo 90. Pool 1604



Photo 91. Pool 1606

Photographic Documentation Photos 90 & 91



Photo 92. Pool 1607



Photo 93. Pool 1608

Photographic Documentation Photos 92 & 93



Photo 94. Pool 1609



Photo 95. Pool 1666

Photographic Documentation Photos 94 & 95



Photo 96. Pool 1667



Photo 97. Pool 1668

Photographic Documentation Photos 96 & 97



Photo 98. Pool 1669



Photo 99. Pool 1670

Photographic Documentation Photos 98 & 99



Photo 100. Pool 1671



Photo 101. Pool 1672

Photographic Documentation Photos 100 & 101



Photo 102. Pool 1673



Photo 103. Pool 1675

Photographic Documentation Photos 102 & 103



Photo 104. Pool 1676



Photo 105. Pool 1677

Photographic Documentation Photos 104 & 105



Photo 106. Pool 1678



Photo 107. Pool 1679

Photographic Documentation Photos 106 & 107



Photo 108. Pool 1684



Photo 109. Pool 1685

Photographic Documentation Photos 108 & 109



Photo 110. Pool 1688



Photo 111. Pool 1689

Photographic Documentation Photos 110 & 111



Photo 112. Pool 1691



Photo 113. Pool 1692

Photographic Documentation Photos 112 & 113



Photo 114. Pool 1693



Photo 115. Pool 1694

Photographic Documentation Photos 114 & 115



Photo 116. Pool 1696



Photo 117. Pool 1697

Photographic Documentation Photos 116 & 117



Photo 118. Pool 1698



Photo 119. Pool 1699

Photographic Documentation Photos 118 & 119



Photo 120. Pool 1700



Photo 121. Pool 1701

Photographic Documentation Photos 120 & 121



Photo 122. Pool 1702



Photo 123. Pool 1703

Photographic Documentation Photos 122 & 123



Photo 124. Pool 1705



Photo 125. Pool 1706

Photographic Documentation Photos 124 & 125



Photo 126. Pool 1708



Photo 127. Pool 1709

Photographic Documentation Photos 126 & 127



Photo 128. Pool 1710

Photographic Documentation Photo 128



Photo 129. Pool 1235



Photo 130. Pool 2339

Photographic Documentation Photos 129 & 130



Photo 131. Pool 1545

Photographic Documentation Photo 131

## Appendix D

## **Private Property Compliance Tracking**

### APPENDIX D: Private Property Compliance Tracking

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements <sup>1</sup>	2022 Status
Handler	Mitigated Negative Declaration (Section V.9 Vernal Pool Management Plan)	<ul> <li>Weed control (see success standards</li> <li>Fence and sign repair</li> <li>Trash and debris removal</li> <li>Remedial measures (invasive plant control, erosion control, additional fencing and vehicle barriers, seeding)</li> <li>2 general maintenance visits per year</li> <li>Monthly weed control visits from</li> </ul>	• Photographs at established photo points taken at each visit	≤1% cover	<ul> <li>Following the final monitoring visit each year, the VP monitor shall prepare a letter evaluating the state of the preserved vernal pool habitat to date, along with any recommended remedial measures.</li> <li>Copies of the letter will be submitted to the MSCP, EAS, MMC, and other City staff, as appropriate. <i>MMRP</i></li> </ul>	Grading permits issued 2019-2020; No reports 2020; Status report vernal pool restoration/ mitigation submitted January 15, 2022.
	(1998)	<ul> <li>Fence and sign repair will be conducted in perpetuity</li> <li>Trash and debris removal</li> <li>Remedial measures (invasive eradication, erosion control, additional fencing and vehicle barriers, fire suppression/damage repair, trampling repair)</li> <li>2 weed control visits during spring (general and vernal pool basin)</li> </ul>	•No monitoring requirements outlined in the VPHCP for this complex.	• Maintain existing habitat conditions consistent with the Mesa Norte Vernal Pool Mitigation Plan	•City to work with property owner to assess implementation of the Mesa Norte Vernal Pool Mitigation Plan and provide annual reporting. <i>MP</i>	Closed out; No further action; No VPHCP monitoring requirement; Staff conducted site visit on April 28, 2023 to follow up on management activities at the site. City Development Services Department (DSD) Mitigation Monitoring and Coordination (MMC) addressing management enforcement in 2022-23.
Rhodes	Rhodes Crossing Habitat Management Plan (2010)	<ul> <li>2 weed control visits during (once in January/February and again in April/May)</li> <li>Fence and sign repair, as-needed and informed by general quarterly surveys</li> </ul>	<ul> <li>Created and preserved vernal pools within the preserve areas will be visited twice during the rainy season (Feb-April) each year for 10 years to assess their condition. After 10 years they will be visited once per year.</li> <li>Each pool will be monitored and a species list will be created, including presence of exotics and cover estimates for each species</li> <li>Quarterly general surveys to document condition and extent of VPs</li> <li>The baseline vegetation/sensitive resources map will be updated every 5 years and submitted to the agencies</li> </ul>	• 'Moderate Tolerance Species' to be removed when cover increases 15% over baseline	<ul> <li>A report summarizing the status of the preserve, the results of the surveys, and all major actions taken since the last assessment will be provided to the USFWS, CDFG, and City each year by January 15.</li> <li>Report will include information on extent and overall health of habitats present within, changes to health or distribution of sensitive plant and animal species observed (provided on digital map), observed changes resulting from natural or manmade causes, management issues/tasks addressed during the last year, and tasks identified for the next year.</li> <li>Report will also compare most recent data with previous years, and identify appropriate remedial measures as needed. If any vegetation community or sensitive species is declining, the report will outline a plan for its recovery.</li> <li>Report will also include updated digital-format maps of vegetation and sensitive species. The City's HMP Admin will be responsible for distributing. <i>HMP</i></li> </ul>	

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements <sup>1</sup>	2022 Status
Salk Institute	Habitat Management Plan (2008)	<ul> <li>2 weed control visits annually in the spring</li> <li>Trash removal visits every other month</li> <li>Ongoing maintenance of barrier along Torrey Pines Scenic Drive</li> </ul>	and quantity of vernal pools (2008)	• 'Moderate Tolerance Species' to be removed when cover increases 15% over baseline	<ul> <li>Reports due every other year by the 15th of January following the end of the preceding calendar year</li> <li>Copies provided to Salk Institute, USFWS, CDFW, and the City.</li> <li>The report will document: existing conditions in the preserve, wildlife use of the preserve, significant changes within the preserve, and recommended remedial measures.</li> <li>Report will include: summary of management actions; summary of results of annual surveys; locations of sensitive species detected within the preserve; description of exotic species removal measures (with before and after photos); description of proposed exotic species removal tasks for the following year; site maps showing areas of concern; photo documentation of any significant management issues or biological observations. <i>HMP</i></li> </ul>	Project grading, VP mitigation and protection of VP complete. Project closed out; City has not received reporting of long term management activities; In perpetuity reporting not included in project entitlement
Shaw Lorenz	Vernal Pool Management Plan Shaw-Lorenz Project (2007)	<ul> <li>All weeding within and adjacent to pools will be performed by hand; no herbicide use</li> <li>Weeding to occur twice per year, generally in Spring</li> <li>Removal of trash, regularly or at intervals</li> <li>Installation and repair of protective fencing, signage, direct-light shields, drainage ditches and swales</li> <li>No brush management will be conducted within Mitigation Site and Conserved areas containing depressional features (except Lot; however no brush management within the basin)</li> </ul>			<ul> <li>Annual reports will be submitted to the Service by Sept. 1 of each year of the 5-year monitoring program.</li> <li>Reports will assess both the attainment of yearly success criteria and progress toward the final success criteria.</li> <li>The reports will summarize the project's compliance with all Service biological opinion conservation measures and terms and conditions.</li> </ul>	Grading complete: project closed out. Versatile fairy shrimp issue; RECON working with USFWS. Follow up to be provided 2023

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements <sup>1</sup>	2022 Status
	Merge 56 Development Project Vernal Pool Mitigation Plan (2016)	<ul> <li>5 year maintenance program;</li> </ul>	<ul> <li>Vernal pools - monthly</li> </ul>	<ul> <li>5 year success criteria for upland</li> </ul>		City requested years 1-3 be provided for
		monthly site visits	inspections during Year 1,	and vernal pool restoration areas	• These will include data collected throughout the year, data	inclusion in the VPHCP Annual Report. Report
		<ul> <li>Trash Removal during maintenance</li> </ul>	every other month during Year	will include the appropriate species	from the annual monitoring visit, comparisons of the	submittal anticipated in 2023 reporting year.
		events	2, and every 3 months during	richness and cover criteria of all five	monitoring data for the years that data are collected, and any	
		<ul> <li>Weed control within and adjacent</li> </ul>	the remainder of the	years of monitoring (Table 14); for re-	recommendations for future work	
		to the vernal pools will be performed	monitoring period	established vernal pool <1% for Cal-		
		with hands; no herbicide use within	<ul> <li>Fairy Shrimp - Wet season</li> </ul>	IPC High or Moderate and <5%		
		5 feet of vernal pools	monitoring conducted every	relative cover of all other exotic		
		<ul> <li>Weeding in uplands of vernal pools</li> </ul>	other week during the rainy	weed species; for enhanced Vernal		
		wwill be removed by hand or with	season; Dry Season sampling	pool/Upland 0% weed cover for Cal-		
Merge 56		small machinery, focused herbicide	of Fairy Shrimp egg presence	IPC High or Moderate, and <5%		
		application may be used	and density will be measured	relative cover of all other weed		
		<ul> <li>Container stock, native grass plugs,</li> </ul>	<ul> <li>Annual Monitoring visits of</li> </ul>	species		
		and transplanted sensitive plants will	vernal pools will be conducted			
		be hand watered at least twice a	near the end of the rainy	<ul> <li>Hatched Fairy Shrimp and gravid</li> </ul>		
		month, as needed, during the first 2	season; including photo	density of restored pools must not		
		years of maintenance and monitoring	documentation; identification	differ significantly from the control		
			of all plant species, and	pools for 3 wet seasons		
			estimation of species richness			
			and relative vegetative cover			
			of native/non-native plants			

<sup>1</sup>Reporting requirements are derived from associated plans; plan type acronyms listed for each set of requirements are defined as follows: BO = Biological Opinion; HMP = Habitat Management Plan; MP = Mitigation Plan; MMRP = Mitigation Monitoring

# Appendix E

## Handler Commercial & Otay Mesa Road Vernal Pool Maintenance



January 15, 2022

Mr. Michael Shoemaker BDM Investments, LLC 9223 La Jolla Farms Road La Jolla, CA 92037

Subject: Handler Commercial & Otay Mesa Road Vernal Pool Maintenance

Dear Mr. Shoemaker:

This report summarizes the maintenance activities conducted for the 7.41-acre preserve area associated with the Handler Commercial & Otay Mesa Road project in the City of San Diego, as identified in the Long-Term Vernal Pool Management Plan for the project.

### LOCATION

The approximately 7.4 acre site is located south of State Route [SR] 905) and east of Caliente Avenue in the City of San Diego (Figures 1 & 2).

### **ACTIVITIES CONDUCTED**

All work was conducted under the direction of the monitoring biologist from August 24, 2021 – December 20, 2021 (Table 1). Fence posts and signs were installed along the site perimeter to delineate limits and inform the public that the area is an environmental preserve. Trash and debris present were removed. Non-native vegetation within the preserve area also was removed with the use of mechanical line trimmers. Cut vegetation was raked up and removed. The ground surface also was dethatched with landscape rakes to remove built up non-native vegetative matter. Pre- and post-weeding photographs were taken during the weed removal effort (attached). All removed material was disposed of at a legal landfill.

Table 1					
Work Conducted					
Date	Task				
8/24/21	Bid inspection, site review				
9/23/21	Access & flag, posts/signs, dethatching, debris disposal				
9/28/21	Day one brush cutting, dethatching, debris disposal				
9/30/21	Removal, dethatching, debris disposal				
10/7/21	Removal, dethatching, debris disposal				
10/11/21	Removal, dethatching, debris disposal				
10/12/21	Removal, dethatching, debris disposal				
10/13/21	Removal, dethatching, debris disposal				
10/14/21	Removal, dethatching, debris disposal (haul 2 loads)				
10/18/21	Removal, dethatching, debris disposal				



Table 1 (continued)				
Work Conducted				
Date	Task			
10/19/21	Removal, dethatching, debris disposal			
10/20/21	Removal, dethatching, debris disposal			
10/21/21	Removal, dethatching, debris disposal			
10/28/21	Removal, dethatching, debris disposal			
10/29/21	Removal, dethatching, debris disposal			
11/2/21	Hauling			
11/4/21	Brushing & hauling			
11/8/22	Raking			
11/10/21	Raking			
11/11/21	Haul material to landfill			
11/15/21	Raking			
11/22/21	Haul material to landfill			
12/7/21	Rake & landfill			
12/8/21	Rake & landfill			
12/11/21	Rake & landfill			
12/20/21	Final hauling			

#### RESULTS

Overall, the site is in good condition. Prior to cleanup, the entire area was dominated by a dense cover of non-native grasses and forbs. There was no evidence of recent dumping or other unauthorized activities on site during the cleanup effort but there was some scattered trash that had been present for some time.

The fence posts and signs are installed along the perimeter where there is not an adjacent fence for the Caltrans preserve area.

The vernal pools are present and in much the same disturbed condition as recorded in the 2003 Biological Technical Report for the Handler Otay Mesa Commercial Project. It was a dry season with little rainfall; therefore, more focused vernal pool data could not be collected this year (pools were dry). The pools have been dethatched and the non-native grasses removed so that they are in a better condition to hold and retain water in the next rainy season.



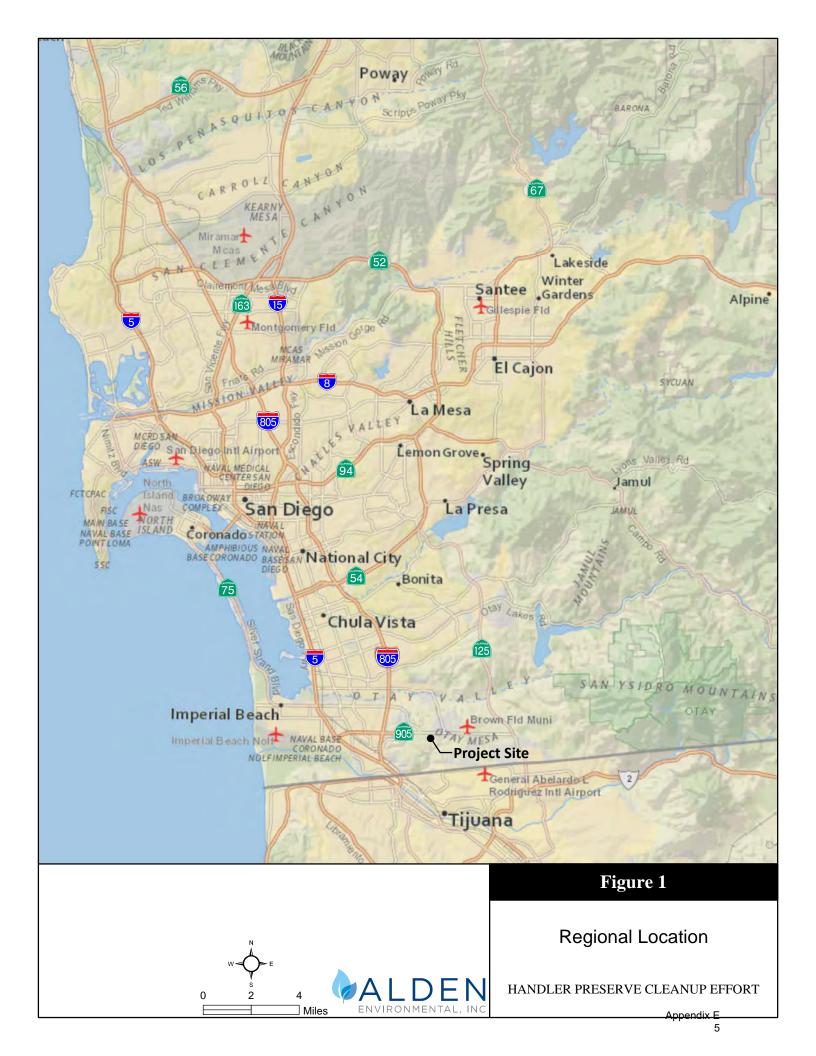
No additional remedial measures are recommended at this time.

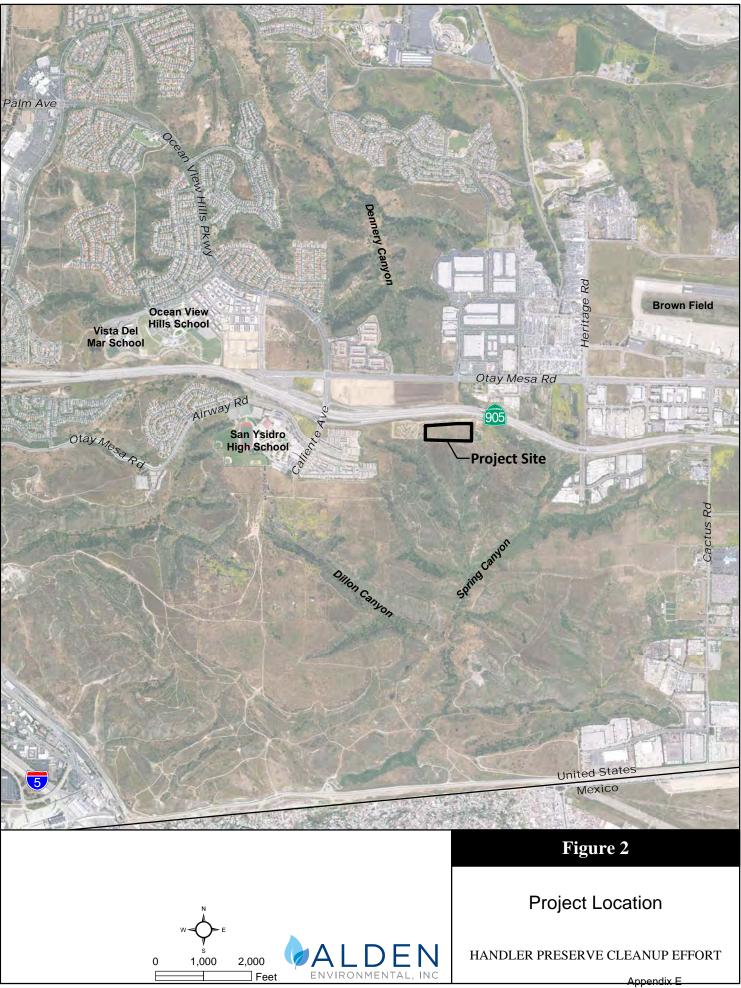
Please contact me if you have any questions regarding this letter.

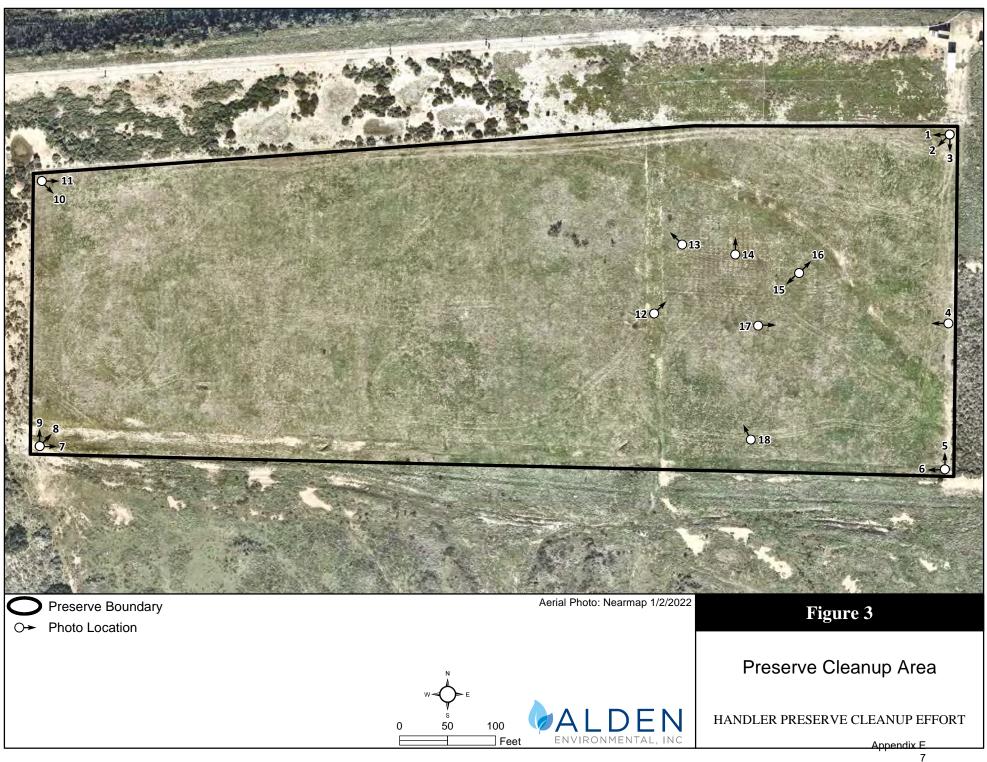
Sincerely,

Greg Mason Senior Biologist

Attachments: Figure 1 - Regional Location Figure 2 - Project Location Figure 3 – Preserve Cleanup Area Representative Photographs







### **Representative Photographs**



Photo Point 1 - 8/24/21



Photo Point 2 – 8/24/21



Photo Point 4 – 8/24/21



Photo Point 5 – 8/24/21



Photo Point 6 – 8/24/21



Photo Point 8 – 8/24/21



Photo Point 9 – 8/24/21



Photo Point 10 – 8/24/21



Photo Point 11 - 8/24/21



Photo Point 1 - 9/28/21



Photo Point 3 – 9/28/21



Photo Point 7 – 9/23/21



Photo Point 15 – 9/28/21



Photo Point 16 – 9/28/21



Photo Point 9 – 9/30/21



Photo Point 7 – 10/7/21



Photo Point 8 – 10/7/21



Photo Point 2 – 11/4/21



Photo Point 3 – 11/4/21



Photo Point 14 – 11/11/21



Photo Point 13 – 12/7/21



Photo Point 12 – 12/11/21



Photo Point 1 – 12/20/21



Photo Point 2 – 12/20/21



Photo Point 17 - 12/20/21

