

2024 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report

May 2025

VPHCP 2024 Report

Prepared for:

David Zoutendyk, Division Supervisor U.S. Fish and Wildlife Service Carlsbad Field Office 2177 Salk Avenue Carlsbad, CA 92008 david_zoutendyk@fws.gov

Glen Lubcke, Environmental Program Manager California Department of Fish and Wildlife 3883 Ruffin Road San Diego, CA 92123 <u>Glen.Lubcke@wildlife.ca.gov</u>

From:

City of San Diego City Planning Department 202 C Street, 5th Floor, MS 413 San Diego, CA 92101

Prepared by:

AECOM 401 West A Street, Suite 1200 San Diego, CA 92101

Copyright © 2025 by AECOM

All rights reserved. No part of this copyrighted work may be reproduced, distributed, or transmitted in any form or by any means without the prior written permission of AECOM.

VPHCP 2024 Report

Table of Contents

1	Ove	view		1
	1.1		tat Conservation Plan and Vernal Pool Management	1
	1.2	Reporting Requirements		1
	1.3	Management and Monitoring	Requirements	3
		1.3.1 City-Owned Complex	es	3
		1.3.2 Privately-Owned and	Conserved Pre-MSCP Complexes	3
	1.4	Private Property Reporting E	nforcement	5
	1.5	Take Tracking		5
	1.6	VPHCP and VPMMP Update	5	5
		1.6.1 Newly Observed Ver	nal Pools and Vernal Pool Complexes	5
2	Rep	orting Summary		7
	2.1	City Monitoring and Manager	nent	7
		2.1.1 Qualitative Monitoring	g and Management Activities	7
		Methods		7
		Results		7
			ng and Management Level Assessment	
		2.1.3 Baseline Hydrologic	Surveys	24
	2.2	Private Property Managemen	t and Monitoring	24
	2.3	Take Summary		25
3	VPF	CP Funding		. 28
	3.1	Spend During Reporting Period	od and Future Funding Sources	28
4	Prog	ress Toward VPHCP Co	nservation Objectives	. 29
5	Refe	rences		33

Figures

Figure 1.1-1. VPHCP Plan Area	2
Figure 1.3-1. VPHCP Monitoring and Management Level Flow Chart	4

Tables

Table 2-1. Qualitative Monitoring and Management Events for City of San Diego-managed Vernal Pool Complexes	8
Table 2-2. Qualitative Monitoring and Management Events for Private Conserved Pre-MSCP	
Vernal Pool Complexes	9
Table 2-3. Quantitative Monitoring Basins for City of San Diego-managed Vernal Pool Complexes	
by Management Level	11
Table 2-4. 2024 Focal Plant and Nonnative Species Cover Classes	15
Table 2-5. Average Change in Focal Plant and Nonnative Species Cover Classes and Fairy	
Shrimp Density from Baseline	18
Table 2-6. 2019–2024 Annual Rainfall Totals	24
Table 2-7. Proposed Management Level Change	26
Table 2-8. 2019–2024 Take Summary	
Table 3-1. Spend in Current Fiscal Year (2024)	
Table 3-2. Funding Sources for Fiscal Year 2025	28
Table 4-1. VPHCP Habitat-Based Conservation Objectives	
Table 4-2. VPHCP Species-Specific Conservation Objectives	

Appendices

Appendix A	City of San Die	o VPHCF	Vernal Pool Co	omplex Mar	nagement and	Monitoring Levels

- Appendix B City of San Diego VPHCP Site-Specific Management Sheets for Newly Discovered Vernal Pool Complexes and Pools
- Appendix C-1 2024 Vernal Pool Qualitative Monitoring and Management Datasheets
- Appendix C-2 2024 Vernal Pool Quantitative Monitoring Datasheets
- Appendix C-3 2024 Dry Soil Analysis Report
- Appendix C-4 2024 Fairy Shrimp Monitoring Results
- Appendix D-1 2024 Vernal Pool Management Photolog
- Appendix D-2 2024 Vernal Pool Monitoring Photolog
- Appendix E Private Property Compliance Tracking
- Appendix F Take Summary Reports

Acronyms and Abbreviations

%	percent
2024 Annual Report	2024 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report
Caltrans	California Department of Transportation
CE	California state endangered
City	City of San Diego
CR	Vernal Pool Creation
EDD	Economic Development Department
EF	Enterprise Funds
EN	Enhancement
ERAR	Eryngium aristulatum var. parishii
FE	federally endangered
FT	federally threatened
FY	fiscal year
GF	General Fund
GPMF	General Plan Maintenance Fund
ITP	Incidental Take Permit
MSCP	Multiple Species Conservation Program
NA	Not Applicable
NAFO	Navarretia fossalis
NC	No Change
ORCA	Orcuttia californica
P&R	Parks and Recreation
POAB	Pogogyne abramsii
PONU	Pogogyne nudiuscula
PUD	Public Utilities Department
RE	Re-establishment
RES	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

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 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 of the VPHCP for further details regarding conservation goals). The following five plant species and two crustacean (shrimp) species are included as covered species,¹ in addition to their associated habitat (vernal pools):

- Otay Mesa mint (*Pogogyne nudiuscula*, PONU) FE, CE
- San Diego mesa mint (Pogogyne abramsii, POAB) FE, CE
- 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
- 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 VPHCP was informed by the City of San Diego 2002–2003 Vernal Pool Inventory (baseline studies) (City 2002–2003) and the available scientific data at the time of VPHCP preparation. The City recognizes that there are inherent gaps in the available scientific data, and understanding of population ecology of the covered species is constantly evolving. Therefore, it is expected that over time, as additional research is conducted and data are collected on the covered species residing within the City, the management program (triggers and/or actions) can and will be adjusted to reflect new information and understanding of population function and dynamics, providing an adaptive approach to VPHCP implementation.

The VPMMP outlines adaptive monitoring and management strategies applicable to individual vernal pool complexes.² Appendix A of this 2024 management and monitoring annual report (2024 Annual Report) details 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 of the VPMMP for further details regarding data collection, analysis, and reporting). This 2024 Annual Report fulfills the City's annual VPHCP reporting requirements for the 2024 fiscal year (FY) (July 1, 2023, through June 30, 2024).

¹ Covered status for each of the species is defined as follows: FE = federally endangered, FT = federally threatened, CE = California state endangered

² 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. Management levels for the existing inventory (baseline studies) of vernal pool complexes, the management level will be assigned in coordination with the Wildlife Agencies based on the current condition of the vernal pool complex shere 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.

Per the VPHCP, minimum precipitation thresholds must be met for at least 3 years prior to management level change adoption, if warranted by performance. Minimum precipitation thresholds apply at a planning unit (north, central, and south as depicted in Figure 1.1-1) scale, and at least 3 years of data collection during adequate rainfall years (at least 55% of average total rainfall) are required to provide an analysis that would identify triggers in change of management level of an individual complex. Section 2.1.2 of this 2024 Annual Report provides an analysis of precipitation between FY 2019 and FY 2024 in relation to management and monitoring levels. In addition to precipitation minimum thresholds, a vernal pool complex must receive a minimum number of years of management activities to become eligible for a management level change. The VPHCP indicates that Level 2 and 3 vernal pool complexes are not subject to management level change until 3 and 5 years of management is fulfilled, respectively. Table 4-5 of the VPMMP provides further detail regarding management level triggers and thresholds. This annual report summarizes the sixth year of VPHCP implementation and analyzes management level performance for Years 1 through 6 for vernal pool complexes across all management levels.

Management level changes proposed from performance during Years 1 through 5 of VPHCP implementation are discussed further in Section 2.1.2. If results trigger a change in management level for a Level 1 or Level 2 vernal pool complex, the City will coordinate with the Wildlife Agencies and will revise the VPMMP to include updated maintenance and monitoring requirements for the new management level, as determined by the Wildlife Agencies.

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 routinely conducts passive qualitative monitoring from publicly accessible vantage points for these orphan sites; however, the City is not able to capture a complete assessment of the complex's condition from these limited access points. 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. From this effort, the City has engaged with partner organizations that are taking the lead on performing management activities at the orphan sites. During FY 2024, management activities were continued by volunteer-based organizations at the Arjons (I 1) and Fieldstone (C 17-18) vernal pool complexes.



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

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). Private projects listed in Appendix A were approved prior to adoption of the VPHCP and are subject to a site specific restoration or monitoring plan. Section 2.2 of this 2024 Annual Report discusses further details regarding management and monitoring for private properties that are subject to the VPHCP.

The City developed an online portal to facilitate private property management reporting for vernal pools. The online portal streamlines submittal of required private projects' vernal pool annual reports through a centralized location that is accessible across City departments. Previously, reports were either emailed to the Development Services Department, Wildlife Agencies, or various MSCP staff members which made tracking difficult to manage. The online portal facilitates adequate reporting submissions that meet VPHCP requirements and allow for a timely response from City staff, as needed. Private party management actions and monitoring requirements are provided in Appendix E. Reports will be forwarded to the Wildlife Agencies upon request.

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 through granting Third Party Beneficiary status as a condition of project entitlements. A certificate of inclusion can be issued to other local jurisdictions and state agencies that engage in activities within the VPHCP Plan Area that are identified as covered activities under the plan. They are not covered under the VPHCP if they voluntarily subject themselves to the City's authority through the City's land entitlement and/or permitting process. Private property owners covered by the ITP are required to satisfy management and monitoring standards outlined in the VPHCP. Section 2.3 of this 2024 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 observed vernal pools and vernal pool complexes that were not captured during implementation of the baseline studies that informed the VPHCP. It was understood that comprehensive surveys were not performed for the entire planning area, and the City and Wildlife Agencies anticipated the need to incorporate additional vernal pools and vernal pool complexes as they were discovered during subsequent surveys associated with 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. In addition, management sheets for existing vernal pool complexes where newly discovered vernal pools have been identified need updates. To incorporate these new vernal pools and complexes, the City performed baseline studies to document and update a total of eleven vernal pool complex management sheets (existing and new) for newly observed vernal pools.

The results of the FY 2023 baseline studies for three of the newly discovered vernal pool complexes (Topsail, Seabird Way and Ocean View Hills Parkway) are included in the site-specific management sheets, provided in Appendix B of this 2024 Annual Report and are listed in Appendix A (tan sites). The

results of the baseline studies within three existing vernal pool complexes (Carmel Mountain, Greystone Torrey Highlands, and Cal Terraces [North], Otay Mesa Road Parcels) are included as updates to their existing corresponding management sheets, included in Appendix B. The results of the three remaining newly discovered vernal pool complexes (Calle de Vida West, Stowe, Dormouse, and Fairbanks) will be discussed further in the FY 2025 Annual Report, following visitation to these sites by the Wildlife Agencies.

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 monitoring 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 2024. Management activities were conducted throughout the fiscal year, as feasible and in response to level of urgency (as determined by qualitative monitoring assessments). Results of monitoring and management activities are summarized in Table 2-1. Although not required, the City performed passive qualitative monitoring for privately owned pre-MSCP sites ("orphan sites") in addition to monitoring of City-managed vernal pool complexes; monitoring results for these sites are summarized in Table 2-2. Appendix C-1 of this 2024 Annual Report includes datasheets detailing complex-specific monitoring and management information. Appendix D-1 includes photos captured 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 a modified form of the California Native Plant Society plant cover methodology and are collected from pool margins to avoid disturbance (refer to Chapter 4.4.1 in the VPMMP for further details regarding the adaptation of California Native Plant Society cover classes). 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). A dry soil analysis for 2024 is provided in Appendix C-3.

Mgmt. Level	Planning Unit	Complex Series	Vernal Pool Complex Name ¹	Qualitative Monitoring Events Occurred ^{2,3}	Management Events Occurred ^{3,4}	Number of Management Events
		H 38	Carmel Mountain ⁵	Yes	Yes	5
		D 5-8	-	Yes	Yes	5
Level 1		B 7-8	Crescent Heights	Yes	NN	0
	North	H 1-10, 13-15, 18-26	Del Mar Mesa (City)	Yes	Yes	9
Level 1		H 39	Greystone Torrey Highlands	Yes	Yes	5
Level Unit S Image: Product structure struc	B 7-8	Lopez Ridge (City)	Yes	Yes	1	
	LevelUnitSeriesComplex Name1H 38Carmel Mountain5D 5-8Carroll Canyon/Parkdale Carroll CanyonB 7-8Crescent HeightsH 1-10, 13-15, 18-26H 1-10, 18-26H 39Greystone Torrey Highlar B 7-8B 7-8Lopez Ridge (City) X 5X 5Nobel DriveI 12Pueblo Lands (South)U 19Kearny Mesa LogisticsQ 2Mission Trails Regional P (City)N 75-6Montgomery FieldKK 2PasatiempoN 7Serra Mesa LibraryJ 14Anderprises (City)J 2Clayton ParcelJ 14Cal Terraces (North) (City)J 2Clayton ParcelJ 16-18Goat Mesa (City)J 31Hidden TrailsMM 1Marron ValleyK 5Otay LakesR 1Proctor ValleyJ 4-5Robinhood RidgeJ 32West Otay BJ 32West Otay BJ 33Brown Field*Level 3SouthNorthH 42H 42Fairbanks HighlandsH 41DormouseQ 4StoweQ 2Calle de Vida EastQ 2Calle de Vida West		Yes	Yes	5	
Level 1		I 12	Pueblo Lands (South)	Yes	Yes	4
		U 19		Yes	Yes	4
		Q 2	Mission Trails Regional Park (City)	Yes	Yes	4
	Central	N 5-6		Yes	Yes	8
Level 1		KK 2		Yes	Yes	5
		N 7	Serra Mesa Library	Yes	Yes	5
		J 14	Anderprises (City)	Yes	Yes	1
		J 2	Cal Terraces (North) (City), Otay Mesa Road Parcels ^o	Yes	Yes	15
		J 14	Cal Terraces (South)	Yes	Yes	4
		J 2	Clayton Parcel	Yes	Yes	7
		J 16-18	Goat Mesa (City)	Yes	Yes	8
	Couth	J 31	Hidden Trails	Yes	Yes	4
	South	MM 1	Marron Valley	Yes	Yes	4
		K 5	Otay Lakes	Yes	Yes	3
		R 1	Proctor Valley	Yes	Yes	2
		J 4-5	Robinhood Ridge	Yes	Yes	22
		J 32	West Otay B	Yes	Yes	8
		J 32	West Otay C	Yes	Yes	7
			Wruck Canyon	Yes	Yes	4
Level 2	Central	U 15	SANDER	Yes	Yes	2
		J 35	Brown Field ⁺	NA	NA	0
Level 3	South			Yes	Yes	10
		J 13 S		Yes	Yes	7
		C10-16	Winterwood (City) ^{++, O}	Yes	NN	0
	North		Fairbanks Highlands	Yes	Yes	1
	NOTUT		Dormouse	Yes	Yes	7
				Yes	Yes	1
				Yes	NN	0
	Central		Calle de Vida West	Yes	Yes	1
NA	Central	KK 1	Lake Murray	Yes	Yes	9
				Yes	Yes	1
		J 4-5		Yes	Yes	2
		J 37	Ocean View Hills Pkwy	Yes	Yes	1

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

¹ 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) and 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. ² Per VPMMP, all levels require three visits to occur annually during the wet season.

Yes

Yes

Yes

Yes

Yes

Yes

Topsail

. Kelton⁺⁺

Seabird Way

South

J 37

NC

M 5

5

2

2

³ Details regarding monitoring observations and management activities are provided in Appendix B-1. Management activities were conducted as needed within each vernal pool complex.

⁴ Key to acronyms used: **NN** = Not Needed; **NA** = Not Applicable

⁵ Management visit details are not included in Appendix C-1 for this complex.

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

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

¹ Details regarding monitoring observations and management activities are provided in Appendix B-1.

² 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 to conduct qualitative monitoring visits.

Results

Quantitative monitoring for City-owned vernal pool complexes was generally conducted during the spring months (February through June) of 2024. Vernal pool-specific monitoring datasheets are attached as Appendix C-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. Fairy shrimp monitoring results for applicable complexes are included as Appendix C-4. Generally, pool selection was determined by management level requirements and influenced by presence of focal species recorded during baseline surveys. Per the VPMMP, sample size is based on management and monitoring levels. For Level 1, 10% of occupied pools in each complex are sampled, or if a complex has less than 10 pools for each covered plant species, at least one pool for each covered species known to occur is sampled. For Levels 2 and 3, all pools in the complex with covered plant species are sampled. For complexes where newly discovered vernal pools have been identified, sample sizes will be updated when three years of data has been collected.

Table 2-4 summarizes cover class estimates for each focal species and nonnative species cover recorded in 2024, while Table 2-5 summarizes the three-year average change from baseline conditions (illustrated in a graduated color scale). Additionally, photos of surveyed vernal pool basins, photographed during quantitative surveys, are attached as Appendix D-2.

A management level change analysis is conducted in this 2024 Annual Report for planning units that received adequate rainfall (i.e., at least 55 percent [%] of the historic average as defined in the VPHCP) during at least three of the last five 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 2024, 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 14.44 inches of rainfall in 2024, compared to the historic average of 9.60 inches; and Montgomery Field weather station recorded approximately 14.80 inches of rainfall in 2024, compared to the historic average of 11.40 inches.

The north and central planning units received adequate rainfall during four of the last five years following the adoption of the VPHCP and therefore qualify for a management level change analysis across the

three most recent qualifying years of 2022, 2023, and 2024. The south planning unit received adequate rainfall during all of the last five years following the adoption of the VPHCP and therefore qualifies for a management level change analysis across the three most recent years of 2022, 2023, and 2024. A running annual rainfall total is detailed in Table 2-6.

In the time since baseline conditions were documented (2003) and Year 6 of VPHCP implementation (2024), 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 as well as discuss the potential to adopt an acclimated baseline condition for vernal pool complexes where baseline studies coincided with the early implementation period of restoration. Newly introduced vernal pools and complexes discussed in Section 1.6 did not receive quantitative monitoring in FY 2024 and, therefore, are not included in the data summary tables. In addition, qualitative assessments of these newly observed vernal pools and complexes are anticipated to be included in the FY 2025 management and monitoring effort as funding allows.

Mgmt. Level	Planning Unit	Vernal Pool Complex Name - Complex Series Vernal Pool ID ¹	Total Number of Conserved Pools within Complex ² (Sample Size) ³	Total Number of Conserved Pools Occupied by Focal Species (Pools Occupied by Focal Species in Sample Size) ^{3,4} √ = Presence of Focal Species at Baseline Ω = Presence of Focal Species Detected at Acclimated Baseline PONU POAB NAFO ERAR ORCA RFS ⁵							
		Carroll Canyon/Parkdale	116 (7)	0 (0)	42 (6)	2 (2)	65 (7)	0 (0)	0 (-)	5 (-)	
		Carroll Canyon - D 5-8 Pool 1077	.,		√	√	√	,			
		Pool 1077		-	✓ ✓	ν Ω	✓ ✓	-	-	-	
		Pool 1092			\checkmark		✓ ✓	-	-		
		Pool 1090		-	 ✓		✓ ✓			-	
		Pool 1740		-	 ✓	-	✓ ✓	-	-	- V	
		Pool 1740		-	- V	-	✓ ✓	-		-	
		Pool 1745		-		-	 ✓	-		-	
		Del Mar Mesa (City) - H 1-10, 13-15, 18-26	92 (6)	0 (0)	4 (2)	1 (1)	50 (6)	0 (0)	0 (-)	8 (-)	
		Pool 1255	(-)	-		-	√	-	- ()	-	
	North	Pool 1260		-	Ω	Ω	√	-	-	-	
		Pool 1264		-	-	-	√	-	-	-	
		Pool 1272		-	-	-	√	-	-	-	
		Pool 2441		-	-	-	√	-	-	-	
Level 1		Pool 2468		-	-	-	√	-	-	-	
Lever		Greystone Torrey Highlands - H 39	26 (1) [!]	0 (0)	25 (1) [!]	0 (0)	17 (1) [!]	0 (0)	0 (-)	0 (-)	
		Pool 1177		-	√	-	√	-	-	-	
		Pool 1180		-	√	-	-	-	-	-	
		Pool 1188		-	√	-	√	-	-	-	
		Lopez Ridge (City) - B 7-8	10 (2)	0 (0)	10 (2)	0 (0)	1 (1)	0 (0)	0 (-)	2 (-)	
		Pool 706		-	√ 	-	√	-	-	-	
		Pool 712	000 (40)	-	√ 	-	-	-	-	-	
		Montgomery Field - N 5-6 Pool 4256	333 (13)	0 (0)	129 (13)	0 (0)	0 (0)	0 (0)	0 (-)	45 (-)	
		Pool 4236 Pool 4596		-	\checkmark	-	-	-	-		
		Pool 4596 Pool 5352		-	 _ √	-	-	-	-	-	
	Central	Pool 5352 Pool 5355		-	 ✓	-	-	-	-	-	
	Central	Pool 5355		-	 ✓	-	-	-	-	-	
		Pool 5358		-	 ✓	-	-	-	-	-	
		Pool 5363			 ✓	_	-	_	-		
		Pool 5369		-	▼ √	_	-	_			

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

Mgmt. Level	Planning Unit	Vernal Pool Complex Name - Complex Series Vernal Pool ID ¹	Total Number of Conserved Pools within Complex ² (Sample Size) ³	Total Number of Conserved Pools Occupied by Focal Species (Pools Occupied by Focal Species in Sample Size) ^{3,4} √ = Presence of Focal Species at Baseline Ω = Presence of Focal Species Detected at Acclimated BaselinePONUPOABNAFOERARORCARFS ⁵ SDFS ⁵						
		Pool 5371			FOAD √	-		UNCA	-	3013
		Pool 5388		_	 ✓		-	_	_	
		Pool 5423		_	 ✓	_	-	_	_	
		Pool 6351		_	√	-	-	_	-	-
		Pool 6384		_	√	_	-	_	_	+ <u> </u>
		Cal Terraces (North) (City), Otay Mesa Road Parcels - J 2	331 (29) [!]	356 (29) [!]	0 (0)	83 (13) [!]	300 (29) [!]	53 (11)	93 (-)	209 (-)
		Pool 42**		√	-	√	√	-	-	✓
		Pool 51**		√	-	√	√	√	-	✓
		Pool 67		\checkmark	-	-	√	-	-	-
		Pool 78		\checkmark	-	-	√	\checkmark	\checkmark	\checkmark
		Pool 89		\checkmark	-	-	√	-	-	\checkmark
		Pool 96		\checkmark	-	\checkmark	\checkmark	-	-	\checkmark
		Pool 100		\checkmark	-	\checkmark	\checkmark	-	-	\checkmark
		Pool 295		√	-	-	√	-	-	\checkmark
		Pool 301		√	-	-	√	-	√	\checkmark
		Pool 445		√	-	Ω	√	Ω	√	\checkmark
		Pool 447		√	-	√	✓	-	-	\checkmark
	Couth	Pool 449		√	-	-	✓	-	-	\checkmark
	South	Pool 450		√	-	-	✓	-	-	-
		Pool 451		\checkmark	-	-	✓	-	\checkmark	\checkmark
		Pool 452		\checkmark	-	-	√	-	\checkmark	\checkmark
		Pool 459		\checkmark	-	√	✓	-	\checkmark	\checkmark
		Pool 464		\checkmark	-	-	√	-	\checkmark	
		Pool 471		\checkmark	-	√	√	\checkmark	\checkmark	\checkmark
		Pool 473		\checkmark	-	√	√	-	\checkmark	\checkmark
		Pool 483		√	-	-	√	√	-	✓
		Pool 484		√	-	-	✓	√	√	✓
		Pool 490		√	-	√	✓	√	√	✓
		Pool 502		√	-	√	✓	\checkmark	√	✓
		Pool 509		√	-	√	✓	√	√	✓
		Pool 591		√	-	-	√	√	-	✓
		Pool 1310		\checkmark	-	\checkmark	√	\checkmark	-	\checkmark

Mgmt. Level	Planning Unit	Vernal Pool Complex Name - Complex Series Vernal Pool ID ¹	Total Number of Conserved Pools within Complex ² (Sample Size) ³	Total Number of Conserved Pools Occupied by Focal Species (Pools Occupied by Focal Species in Sample Size) ^{3,4} √ = Presence of Focal Species at Baseline Ω = Presence of Focal Species Detected at Acclimated Baseline							
			(oumpio oizo)	PONU	POAB	NAFO	ERAR	ORCA	RFS⁵	SDFS⁵	
		Pool 1321		\checkmark	-	-	√	-	\checkmark	√	
		Pool 1713		\checkmark	-	-	√	-	√	✓	
		Pool 1724		✓	-	-	√	-	√	✓	
		Cal Terraces (South) - J 14	73 (7)	63 (7)	0 (0)	10 (5)	55 (7)	6 (2)	26 (-)	32 (-)	
		Pool 2022		√	-	-	√	Ω	√	✓	
		Pool 2025		\checkmark	-	√	√	-	√	√	
		Pool 2039		√	-	Ω	√	-	√	√	
		Pool 2043		\checkmark	-	Ω	√	\checkmark	\checkmark	√	
		Pool 2044		\checkmark	-	Ω	√	-	\checkmark	\checkmark	
		Pool 2185		\checkmark	-	-	√	-	\checkmark	√	
		Pool 2189		\checkmark	-	Ω	✓	-	-	√	
		Nobel Drive - X 5	11 (1)	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (-)	6 (-)	
		Pool 666		-	Ω	√+	-	-	-		
		Clayton Parcel - J 2	35 (1)	1 (1)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	2 (-)	
		Pool 876	(= (=)	Ω	-	-	√	-	-	-	
		Goat Mesa (City) - J 16-18	15 (6)	0 (0)	0 (0)	3 (3)	4 (2)	0 (0)	1 (-)	0 (-)	
		Pool 1141 ^x		-	-	Ω	 	-	-	-	
		Pool 1142 [×] Pool 1189 [×]		-	-	Ω	Ω Ω	-	-	-	
		Pool 1775 ^X		-	-	-	Ω	-	-	-	
		Pool 1920 [×]		_	_	-		_	_	_	
		Pool 2642		-	_	Ω	1	_	-	-	
		Otay Lakes - K 5	85 (5)	0 (0)	0 (0)	2 (1)	46 (5)	0 (0)	0 (-)	6 (-)	
		Pool 208			-	-	↓ Ź	-	-	-	
		Pool 656		-	-	-	√	-	-	-	
		Pool 891		-	-	-	√	-	-	-	
		Pool 892		-	-	√	1	-	-	-	
		Pool 1801		-	-	-		-	-	-	
		West Otay C J 32	7 (1)	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	0 (-)	
		Pool 1545		Ω	-	-	V	-	-	-	
		Robinhood Ridge J 4-5	83 (5)	19 (3)	0 (0)	4 (4)	46 (5)	0 (0)	6 (-)	41 (-)	
		Pool 1580		-	-	Ω	\checkmark	-	-	-	
		Pool 1598		Ω	-	Ω	√	-	-	-	
		Pool 1668		√	-	√	√	-	-	-	

Mgmt. Level	Planning Unit	Vernal Pool Complex Name - Complex Series Vernal Pool ID ¹	Total Number of Conserved Pools within Complex ² (Sample Size) ³	Total Number of Conserved Pools Occupied by Focal Species (Pools Occupied by Focal Species in Sample Size) ^{3,4} √ = Presence of Focal Species at Baseline Ω = Presence of Focal Species Detected at Acclimated Baseline PONU POAB NAFO ERAR ORCA RFS ⁵ SDFS ⁵						
		Pool 1684		\checkmark	-	-	\checkmark	-	-	-
		Pool 1710		~	-	\checkmark	\checkmark	-	-	-
		South Otay 1 acre (City) - J 13 N	17 (2)	0 (0)	0 (0)	1 (1)	1 (1)	2 (2)	0 (-)	0 (-)
Level 3	South	Pool 1235		Ω	-	\checkmark	Ω	\checkmark	-	-
		Pool 2339		Ω	-	-	\checkmark	Ω	-	-

¹ Double asterisk (**) in vernal pool ID indicates vernal pool is under ownership of Tripoint. Superscripted X (^X) indicates vernal pool was impacted by the Caliente Fire in 2019, prior to integration into the program and baseline data collection.

² Based on existing management and monitoring levels developed during baseline surveys.

³ 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. For complexes where newly discovered vernal pools have been identified, sample sizes will be updated when three years of data has been collected; these instances are identified by an exclamation point (!).

⁴ 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.

⁵ Fairy shrimp density surveys are conducted when warranted based on qualitative survey observations, as discussed in the VPMMP.

Table 2-4. 2024 Focal Plant and Nonnative Species Cover Classes

Mgmt.	Planning	Vernal Pool Complex Name -		Focal Plant	Species Cov	ver Classes	3	Nonnative
Level ¹	Unit	Complex Series Vernal Pool ID ²	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class
Cover class	ses are adapted	from California Native Plant Society plan	t cover meth	odology and	are defined	as a range o	of estimated	percentage of
plant cover.	The cover class	ses are as follows: 1 = 1-10%, 2 = >10–25		50%, 4 = >5	0%			
		Carroll Canyon/Parkdale Carroll Cany	on - D 5-8	I	-		-	-
		Pool 1077	0	2	1	3	0	1
		Pool 1092	0	1	1	2	0	1
		Pool 1096	0	1	0	3	0	1
		Pool 1109	0	1	0	3	0	1
		Pool 1740	0	3	0	4	0	2
		Pool 1743	0	0	0	2	0	3
		Pool 1746	0	1	0	3	0	1
		Del Mar Mesa (City) - H 1-10, 13-15, 18	-26					
		Pool 1255	0	0	0	3	0	1
	North	Pool 1260	0	1	0	3	0	1
	NOTUT	Pool 1264	0	0	0	3	0	1
		Pool 1272	0	0	0	3	0	1
		Pool 2441!	0	0	0	1	0	1
		Pool 2468	0	0	0	1	0	1
		Greystone Torrey Highlands - H 39	•		•		•	
		Pool 1177	0	1	0	2	0	1
Laval 4		Pool 1180 [!]	0	1	0	0	0	1
Level 1		Pool 1188 [!]	0	1	0	1	0	1
		Lopez Ridge (City) - B 7-8	•		•		•	
		Pool 706	0	2	0	0	0	1
		Pool 712	0	2	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	1	0	0	0	1
		Pool 5356	0	1	0	0	0	1
		Pool 5358	0	1	0	0	0	1
	Central	Pool 5363	0	1	0	0	0	2
		Pool 5369	0	1	0	0	0	1
		Pool 5371	0	1	0	0	0	1
		Pool 5388	0	1	0	0	0	1
		Pool 5423	0	1	0	0	0	1
		Pool 6351	0	1	0	0	0	1
		Pool 6384	0	1	0	0	0	1

Maurat	Diamaina	Vernal Pool Complex Name -		Focal Plant	Species Co	ver Classes	3	Nonnative
Mgmt. Level ¹	Planning Unit	Complex Series Vernal Pool ID ²	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class
		Cal Terraces (North) (City), Otay Mes	a Road Parc	els - J 2				
		Pool 42**	0	0	1	3	0	1
		Pool 51**	1	0	1	1	0	3
		Pool 67	1	0	0	1	0	3
		Pool 78	1	0	0	3	0	1
		Pool 89	2	0	0	2	0	3
		Pool 96	0	0	0	3	0	1
		Pool 100	0	0	1	4	0	1
		Pool 295	0	0	0	1	0	1
		Pool 301	3	0	0	3	0	1
		Pool 445	3	0	0	1	0	1
		Pool 447	0	0	1	1	0	1
		Pool 449	4	0	0	1	0	1
		Pool 450	1	0	0	4	0	1
		Pool 451	1	0	0	1	0	1
		Pool 452	1	0	0	3	0	1
		Pool 459	1	0	0	1	0	1
		Pool 464	1	0	0	1	0	2
		Pool 471	3	0	1	2	0	1
	South	Pool 473	2	0	0	2	0	1
		Pool 483	1	0	0	4	1	1
		Pool 484	1	0	0	2	0	1
		Pool 490	1	0	0	2	1	1
		Pool 502	1	0	1	1	0	1
		Pool 509	1	0	1	2	1	1
		Pool 591	1	0	0	3	2	1
		Pool 1310	2	0	1	2	1	1
		Pool 1321	3	0	0	1	0	3
		Pool 1713	1	0	0	3	0	1
		Pool 1724	0	0	0	1	0	2
		Cal Terraces (South) - J 14						
		Pool 2022	0	0	0	2	0	1
		Pool 2025	1	0	0	1	0	1
		Pool 2039	3	0	1	1	0	1
		Pool 2043			-			
			0	0	1	1	0	1
		Pool 2044	1	0	1	3	0	1
		Pool 2185	4	0	0	1	0	1
		Pool 2189	2	0	1	1	0	1

Mgmt.	Planning	Vernal Pool Complex Name -		Focal Plant	Species Co	ver Classes	3	Nonnative
Level ¹	Unit	Complex Series Vernal Pool ID ²	PONU	POAB	NAFO	ERAR	ORCA	Species Cover Class
		Nobel Drive - X 5						
		Pool 666	0	1	1	0	0	2
		Clayton Parcel - J 2						
		Pool 876	2	0	0	1	0	2
		Goat Mesa (City) - J 16-18						
		Pool 1141	0	0	1	2	0	2
		Pool 1142	0	0	1	1	0	1
		Pool 1189	0	0	0	3	0	1
		Pool 1775	0	0	0	1	0	2
		Pool 1920	0	0	0	0	0	1
		Pool 2642	0	0	1	4	0	1
		Otay Lakes - K 5						
		Pool 208	0	0	0	1	0	4
		Pool 656	0	0	0	1	0	3
		Pool 891	0	0	0	1	0	2
		Pool 892	0	0	0	2	0	2
		Pool 1801	0	0	0	1	0	4
		West Otay C J 32						
		Pool 1545	2	0	0	2	0	2
		Robinhood Ridge J 4-5						
		Pool 1580	0	0	1	1	0	4
		Pool 1598	1	0	0	2	0	2
		Pool 1668	1	0	1	4	0	1
		Pool 1684	0	0	0	4	0	1
		Pool 1710	0	0	0	3	0	1
		South Otay 1 acre (City) - J 13 N						
Level 3	South	Pool 1235	1	0	1	1	1	1
		Pool 2339	1	0	0	1	1	1

¹ Level 3 vernal pool complexes are in Year 3 of the 5-year minimum period required prior to VPMMP standards assessment.

² Double asterisk (**) in vernal pool ID indicates vernal pool is under ownership of Tripoint. For complexes where newly discovered vernal pools have been identified, sample sizes will be updated when three years of data has been collected; these instances are identified by an exclamation point (!).

³ 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.

Mgmt. Level ¹	Planning Unit ²	Vernal Pool Complex Name - Complex Series Vernal Pool ID ^{3,4}	Avera	age Focal P	lant Species	s Cover Cla	sses		age Fairy p Density⁵	Average Nonnative Species	Vernal Pool Maximum Depth ⁷
			PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Cover Class ⁶	

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

Cover classes are adapted from California Native Plant Society (CNPS) plant cover methodology and are defined as a range of estimated percentage of plant cover. The cover classes are as follows: 1 = 1–10%, 2 = >10–25%, 3 = >25–50%, 4 = >50%.

Color coding: Color scale indicates the following: Blue cells = increase in cover class, White cells = no change in cover class, and Red cells = decrease in cover class; color coding is reversed for nonnative cover classes (e.g., an increase is nonnative cover is denoted by a red cell).

Key to Symbology: dash (-) = focal species not detected during baseline; forward slash (*I*) = vernal pool resource not evaluated.

		Carroll Canyon/Parkdale Carroll C	anyon - D 5	5-8							
		Pool 1077	0.0	0.7	0.7	1.0	0.0	/	1	0.0	/
		Pool 1092	0.0	0.0	0.7	0.3	0.0	/	1	0.0	1
		Pool 1096	0.0	0.0	0.0	1.0	0.0	/	1	0.0	1
		Pool 1109	0.0	0.0	0.0	0.3	0.0	/	1	0.0	1
		Pool 1740	0.0	0.7	0.0	1.0	0.0	/	1	0.3	1
Level 4	N la utla *	Pool 1743	0.0	0.0	0.0	0.0	0.0	/	1	1.0	1
Level 1	North*	Pool 1746	0.0	0.0	0.0	1.3	0.0	1	1	0.0	1
		Del Mar Mesa (City) - H 1-10, 13-1	5, 18-26								
		Pool 1255	0.0	0.0	0.0	0.7	0.0	/	1	0.0	1
		Pool 1260	0.0	1.0	0.0	-0.7	0.0	/	1	0.0	1
		Pool 1264	0.0	0.0	0.0	0.7	0.0	/	1	0.0	/
		Pool 1272	0.0	0.0	0.0	1.7	0.0	/	1	0.0	/
		Pool 2441 [!]	0.0	0.0	0.0	0.0	0.0	/	/	/	/

Mgmt. Level ¹	Planning Unit ²	Vernal Pool Complex Name - Complex Series Vernal Pool ID ^{3,4}	Avera	age Focal P	lant Species	s Cover Cla	sses		age Fairy o Density⁵	Average Nonnative Species Cover Class ⁶	Vernal Pool Maximum Depth ⁷
			PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS		
		Pool 2468	0.0	0.0	0.0	0.0	0.0	/	1	1.0	/
		Greystone Torrey Highlands - H 3	9	t		t	t				
		Pool 1177	0.0	1.3	0.0	0.7	0.0	1	1	1.0	/
		Pool 1180!	0.0	0.0	0.0	0.0	0.0	/	1	1	1
		Pool 1188 [!]	0.0	0.0	0.0	1.0	0.0	1	1	1	/
		Lopez Ridge (City) - B 7-8									
		Pool 706	0.0	0.7	0.0	-1.0	0.0	/	1	0.0	/
		Pool 712	0.0	0.3	0.0	0.0	0.0	1	/	0.0	/
		Montgomery Field - N 5-6		1		1	r	1			
		Pool 4256	0.0	0.0	0.0	0.0	0.0	/	1	0.0	/
		Pool 4596	0.0	0.0	0.0	0.0	0.0	/	/	-1.0	1
		Pool 5352	0.0	0.0	0.0	0.0	0.0	/	1	-1.0	1
		Pool 5355	0.0	-0.3	0.0	0.0	0.0	/	1	-1.0	/
		Pool 5356	0.0	0.0	0.0	0.0	0.0	/	1	-2.7	/
	Central*	Pool 5358	0.0	-1.3	0.0	0.0	0.0	/	/	-2.0	/
		Pool 5363	0.0	-2.0	0.0	0.0	0.0	/		-1.3	/
		Pool 5369	0.0	-2.0	0.0	0.0	0.0	/	/	-2.0	/
		Pool 5371	0.0	-0.7	0.0	0.0	0.0	/	/	-1.7	/
		Pool 5388	0.0	0.0	0.0	0.0	0.0	/	/	-1.7	/
		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	/

Mgmt. Level ¹	Planning Unit ²	Vernal Pool Complex Name - Complex Series Vernal Pool ID ^{3,4}	Avera	age Focal P	lant Species	s Cover Cla	SSES	Average Fairy Shrimp Density ⁵		Average Nonnative Species Cover Class ⁶	Vernal Pool Maximum Depth ⁷
			PONU	РОАВ	NAFO	ERAR	ORCA	RFS	SDFS		
		Cal Terraces (North) (City), Otay M	lesa Road F	Parcels - J 2		-					
		Pool 42**	-3.0	0.0	-0.3	-2.0	0.0	/	/	0.0	/
		Pool 51**	-2.0	0.0	-0.3	-2.0	-1.0	/	/	2.0	/
		Pool 67	-3.0	0.0	0.0	0.0	0.0	/	/	1.0	/
		Pool 78	-0.7	0.0	0.0	-0.7	-1.0	/	/	0.7	/
		Pool 89	-2.3	0.0	0.0	-0.3	0.0	/	/	1.0	/
		Pool 96	-1.0	0.0	-1.0	-1.0	0.0	/	/	0.0	/
			-1.7	0.0	-0.3	-0.7	0.0	/	/	0.3	/
		Pool 295	-2.0	0.0	0.0	-2.0	0.0	/	/	0.3	/
		Pool 301	-0.7	0.0	0.0	-2.3	0.0	/	/	0.0	/
	South*	Pool 445	-0.7	0.0	0.7	-3.0	0.3	/	/	0.0	/
		Pool 447	-2.0	0.0	-0.3	-2.7	0.0	/	/	0.0	/
		Pool 449	-1.0	0.0	0.0	-1.7	0.0	/	/	0.7	/
		Pool 450	-2.0	0.0	0.0	0.3	0.0	/	/	0.0	/
		Pool 451	0.0	0.0	0.0	-1.0	0.0	/	/	-0.7	/
		Pool 452	-1.0	0.0	0.0	-2.3	0.0	/	/	0.0	/
		Pool 459	-1.3	0.0	-1.0	-2.0	0.0	/	/	0.0	/
		Pool 464	-1.0	0.0	0.0	-1.0	0.0	/	/	-1.3	/
		Pool 471	-1.3	0.0	0.0	-1.7	-1.0 0.0	/	/	0.3	/
		Pool 473 Pool 483	0.0 -1.7	0.0	-2.0 0.0	-1.7 -1.0	-0.3	/	/	1.0 0.0	/
		Pool 483	-1.7	0.0	0.0	-0.3	-0.3	/	/	0.0	/

Mgmt. Level ¹	Planning Unit ²	Vernal Pool Complex Name - Complex Series Vernal Pool ID ^{3,4}	Avera	age Focal P	lant Species	s Cover Cla	sses		age Fairy o Density⁵	Average Nonnative Species Cover Class ⁶	Vernal Pool Maximum Depth ⁷
			PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS		
		Pool 490	-1.0	0.0	-1.0	-0.7	-1.3	1	/	0.0	/
		Pool 502	-1.0	0.0	0.0	-1.0	-1.0	1	/	0.0	/
		Pool 509	-1.0	0.0	0.0	-1.7	0.3	1	1	0.0	/
		Pool 591	0.0	0.0	0.0	-0.3	-1.7	1	1	0.3	/
		Pool 1310	0.0	0.0	0.7	-0.3	-0.3	1	1	0.0	/
		Pool 1321	2.3	0.0	0.0	0.0	0.0	1	1	0.0	/
		Pool 1713	0.0	0.0	0.0	1.3	0.0	/	/	0.0	/
		Pool 1724	-1.0	0.0	0.0	-1.7	0.0	1	1	0.7	/
		Cal Terraces (South) - J 14		r		1	1	T			
		Pool 2022	-1.0	0.0	0.0	1.3	0.0	/	/	0.7	/
		Pool 2025	0.0	0.0	0.0	0.0	0.0	/	/	0.7	/
		Pool 2039	2.3	0.0	0.7	-0.7	0.0	/	/	0.0	/
		Pool 2043	-0.7	0.0	0.7	0.0	0.0	/	/	0.0	/
		Pool 2044	0.0	0.0	0.7	0.0	0.0	/	/	0.0	/
		Pool 2185	0.0	0.0	0.0	0.3	0.0	/	/	0.0	/
		Pool 2189	0.7	0.0	1.0	0.0	0.0	1	1	0.0	/
		Nobel Drive - X 5		1		1	ŕ	-			
		Pool 666	0.0	0.3	0.7	0.0	0.0	/	/	0.7	/
		Clayton Parcel - J 2					1	1			
		Pool 876	1.7	0.0	0.0	-0.3	0.0	/	/	-0.7	/
		Goat Mesa (City) - J 16-18					ľ	1			
		Pool 1141	0.0	0.0	0.7	0.3	0.0	/	/	1.0	/

Mgmt. Level ¹	Planning Unit ²	Vernal Pool Complex Name - Complex Series Vernal Pool ID ^{3,4}	Avera	age Focal P	lant Species	s Cover Cla	sses		age Fairy p Density⁵	Average Nonnative Species Cover Class ⁶	Vernal Pool Maximum Depth ⁷	
			PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS			
		Pool 1142	0.0	0.0	0.7	1.0	0.0	1	1	0.7	1	
		Pool 1189	0.0	0.0	0.0	1.7	0.0	/	/	0.0	/	
		Pool 1775	0.0	0.0	0.0	1.0	0.0	1	1	0.7	/	
		Pool 1920	0.0	0.0	0.0	0.0	0.0	1	1	0.0	/	
		Pool 2642	0.0	0.0	0.7	2.3	0.0	1	1	-0.7	/	
		Otay Lakes - K 5		ř.	Γ	r	r	T	Γ			
		Pool 208	0.0	0.0	0.0	0.0	0.0	1	1	1.3	/	
		Pool 656	0.0	0.0	0.0	0.0	0.0	1	1	0.0	/	
		Pool 891	0.0	0.0	0.0	-0.7	0.0	1	1	0.7	/	
		Pool 892	0.0	0.0	-1.0	0.3	0.0	1	1	1.0	/	
		Pool 1801	0.0	0.0	0.0	0.0	0.0	/	1	0.7	/	
		West Otay C J 32		1		1	r	T	I	1		
		Pool 1545	1.7	0.0	0.0	0.3	0.0	1	1	0.7	/	
		Robinhood Ridge J 4-5					r					
		Pool 1580	0.0	0.0	0.7	0.0	0.0	1	/	2.0	/	
		Pool 1598	0.3	0.0	0.0	-1.0	0.0	/	/	0.7	/	
		Pool 1668	0.0	0.0	0.7	-0.7	0.0	/	/	0.7	/	
		Pool 1684	-1.0	0.0	0.0	1.0	0.0	/	/	0.0	/	
		Pool 1710	-1.0	0.0	0.0	-1.7	0.0	/	/	0.0	/	
		South Otay 1 acre (City) - J 13 N										
Level 3	South*	Pool 1235	0.3	0.0	0.7	0.3	-0.3	1	/	-2.0	/	
		Pool 2339	0.3	0.0	0.0	0.0	0.7	/	/	-1.7	/	

¹ Level 3 vernal pool complexes are in Year 4 of the 5-year minimum period required prior to VPMMP standards assessment;

² Asterisk (*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall). This 2024 Annual Report analyzes the average data from the following years for each respective management unit: North, Central, and South = 2022, 2023, and 2024, as compared to the baseline data. ³ Double asterisk (**) in vernal pool ID indicates vernal pool is under ownership of Tripoint.

⁴ For complexes where newly discovered vernal pools have been identified, sample sizes will be updated when three years of data has been collected; these instances are identified by an exclamation point (!).

⁵ Fairy shrimp density surveys and topographic disturbance assessments are conducted when warranted based on qualitative survey observations, as discussed in the VPMMP.

⁶ Nonnative cover was not recorded during baseline studies; therefore, nonnative cover observed during the first year or VPHCP monitoring (2019) is considered "baseline conditions," per guidance in the VPMMP.

⁷ 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.

Planning	Weather	Mean Rainfall	55% of		٢	Total Rainfa	all by Year	1,2	
Unit	Station	(30 Years) ¹	Normal Rainfall ¹	2019	2020	2021	2022	2023	2024
North Central	Montgomery Field	11.40	6.30	13.50	12.88	5.93	6.88	16.57	14.80
South	Brown Field	9.60	5.30	12.07	17.54	6.03	9.68	16.60	14.44

Table 2-6. 2019–2024 Annual Rainfall Totals

Source: National Oceanic and Atmospheric Administration (NOAA) Climate Data Online (NOAA 2019–2024) ¹ Rainfall data is presented in inches for the appropriate region for the period of July through June, per the Hydrogeomorphic Model approach.

² Red cells indicate yearly totals did not meet 55% of normal rainfall.

Based on the data available for analysis in 2024, two vernal pool complexes (Greystone Torrey Highlands and Cal Terraces [North], Otay Mesa Road Parcels) may be subject to a management level change from Level 1 to Level 2. However, due to constraints in resources and ongoing coordination with the Wildlife Agencies, the City is developing a modified approach to the Level 2 management and monitoring requirements outlined in the current VPMMP. Therefore, the City proposes deferring management level changes, as determined by the 2024 reporting period data, until a mutual agreement can be made between the City and Wildlife Agencies.

Based on 2024 data, 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 focal species cover: Cal Terraces (North), 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. 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 2024 monitoring period due to the absence of baseline hydrologic data and are discussed in further detail in Section 2.1.3 of this 2024 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 will 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). The City is currently working with the Wildlife Agencies to gain concurrence on the approach to implementing baseline hydrologic surveys for City-owned vernal pool basins. The baseline hydrologic survey methodology is anticipated to be finalized by the end of FY 2025 to make progress toward satisfying this requirement.

2.2 Private Property Management and Monitoring

As discussed in Section 1.4 of this 2024 Annual Report, the City's responsibilities under the VPHCP include enforcement of management and monitoring of vernal pool complexes located within private property, consistent with the VPHCP. During FY 2024, 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 E 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 2024, the City requested private project mitigation management and monitoring report updates be provided to the City for inclusion in VPHCP annual reporting. Report submittals for FY 2024 and future reporting periods would be made available upon request to the City Planning Department at BiodiverseSD@sandiego.gov.

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, incidental take for the La Media Road Improvements project was reported; the as-built memo report for this project is included as Appendix F.

Table 2-7. Proposed Management Level Change

North* C Central* M C C C C C	Vernal Pool Complex	Proposed	Averag	le Change il	n Plant Spee	cies Cover (Classes	_	Shrimp sity ³	Average Nonnative	Change in
	Name - Complex Series	Management Level Change ²	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Species Cover Class (2022–2024) ⁴	Hydrologic Function ⁵
	Carroll Canyon	NC	0.0	0.2	0.2	0.7	0.0	/	/	0.2	/
North*	Del Mar Mesa (City)	NC	0.0	0.2	0.0	0.5	0.0	/	/	0.2	/
NOTUT	Greystone Torrey Highlands	NC ²	0.0	1.3	0.0	0.7	0.0	/	/	1.0	/
	Lopez Ridge (City)	NC	0.0	0.5	0.0	(0.5)	0.0	/	/	0.0	/
Central*	Montgomery Field	NC	0.0	(0.5)	0.0	0.0	0.0	/	/	(1.4)	/
	Cal Terraces (North), Otay Mesa Road Parcels	NC ²	(1.1)	0.0	(0.2)	(1.1)	(0.3)	/	/	0.2	/
	Cal Terraces (South)	NC	0.2	0.0	0.4	0.1	0.0	/	/	0.2	/
	Nobel Drive	NC	0.0	0.3	0.7	0.0	0.0	/	/	0.7	/
Couth*	Clayton Parcel	NC	1.7	0.0	0.0	(0.3)	0.0	/	/	(0.7)	/
South*	Goat Mesa	NC	0.0	0.0	0.3	1.1	0.0	/	/	0.3	/
	Otay Lakes	NC	0.0	0.0	(0.2)	(0.1)	0.0	/	/	0.7	/
	West Otay C	NC	1.7	0.0	0.0	0.3	0.0	/	/	0.7	/
	Robinhood Ridge	NC	(0.3)	0.0	0.3	(0.5)	0.0	/	/	0.7	/
	South Otay 1 acre (City)	NA ²	0.3	0.0	0.3	0.2	0.2	1	/	(1.8)	/

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; blue and red shading = indicates change in average focal species or nonnative species cover class meets VPMMP threshold(s) to trigger a management level change.

¹ 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.

² 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.

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

⁴ 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 2019 vernal pool monitoring; management triggers A-, B-, and C- apply to complexes with greater than 10% total nonnative cover.

⁵ 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.

Table 2-8. 2019–2024 Take Summary

	Vernal Pool						Recorded	d Presence/	Absence of	Focal Spec	cies within I	mpacted Ve	ernal Pools
Year	Complex Name and Pool ID	Management Responsibility	Project Name	Mitigation Type ¹	Acreage of Impacted Pools ²	Proposed Mitigation ²	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS
2019	-	-	-	-	-	-							
	Rhodes Cross	sings											
	581												\checkmark
	582												\checkmark
	272												\checkmark
2020	273				0.042	0.196							\checkmark
	1527	Private	Merge 56	CR	(8 basins)	(7 basins)							\checkmark
	2093												\checkmark
	2094												\checkmark
	2086												•
2021	-	-	-	-	_	-							
2022	-	-	-	-	-	-							
2023	-	-	-	-	-	-							
	South Otay 1 a	ocre											
2024	Undocumented		La Media	CR	0.51	0.648	\checkmark		\checkmark	\checkmark	\checkmark		
2024	Undocumented	City	Road Improvements	RE	0.44 (9 basins)	0.58 (38 basins)	\checkmark		\checkmark		\checkmark		\checkmark
			TOTAL	ACREAGE:	0.992	1.424							
	TOTAL NUM	BER OF IMPACT	ED/MITIGAT	ED BASINS:	17	45							

¹Mitigation type is informed by associated site-specific mitigation plan. Abbreviations are defined as follows: CR = Vernal Pool Creation; EN = Enhancement; RE = Re-establishment; RES = Restoration.

²Acreages of impacts and proposed mitigation are derived from site-specific mitigation plan.

3 VPHCP Funding

3.1 Spend During Reporting Period and Future Funding Sources

Fiscal year spending 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 7 (Fiscal Year 2025) of VPHCP implementation. Funds for implementing the VPHCP program for City Department of Parks and Recreation (P&R) and City Planning Departments come from the General Fund, while the City Economic Development Department(EDD) and Public Utilities Department (PUD) use Enterprise Funds.

Table 3-1. Spend in Current Fiscal Year (2024)

City Department ¹	Estimated Expenditure ²		
	City Staff	Contractor	
PUD	\$14,736	\$241,087*	
P&R	\$171,634	\$458,313**	
EDD (Airports)	\$7,802	\$11,701	
Planning	\$26,294	\$24,950	
Total Estimated City-Wide Expenditures	\$220,466	\$736,051	

¹City department acronyms defined as follows: PUD = Public Utilities Department, P&R = Parks and Recreation, EDD = Economic Development Department

²Additional details pertaining to specific expenditures: asterisk (*) = Total expenditure, includes costs for SANDER Mitigation Site Management; double asterisk (**) = Total expenditure includes grant funding and special funds.

Key to acronyms used: NA = Not Applicable

Table 3-2. Funding Sources for Fiscal Year 2025

City Department ¹	Funding Source ²	Estimated Expenditure ³	
		City Staff	Contractor
PUD	EF	\$28,000	\$226,000*
P&R	GF, SF	\$235,000**	\$382,000**
EDD (Airports)	EF	\$10,000	\$15,000
Planning	GF, GPMF	\$38,000	\$25,000
Total Estimated City-Wide Expenditures		\$311,000	\$648,000

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

EDD = Economic Development Department

²Funding acronyms defined as follows: EF = Enterprise Funds, GF = General Fund, GPMF = General Plan Maintenance Fund, SF = Special Funds

³Additional details pertaining to specific expenditures: asterisk (*) = Total expenditure, includes costs for SANDER Mitigation Site Management; double asterisk (**) = Total expenditure includes grant funding and special funds.

Key to acronyms used: NA = Not Applicable

The VPHCP identified funding for the vernal pool complexes known to the City at the time of VPHCP development. During 2024 monitoring, the City identified vernal pool basins and vernal pool complexes not originally identified in the 2018 VPHCP. The City anticipates additional funds will be needed to manage and monitor these and future instances under the VPHCP and will continue to coordinate with the Wildlife Agencies to determine appropriate timelines to accept and adopt new basins and complexes.
4 **Progress Toward VPHCP Conservation Objectives**

The biological goal of the VPHCP is to contribute to the recovery of the VPHCP covered species and ensure continued persistence of the covered vernal pool species populations identified in the VPHCP. Through the implementation of the VPHCP conservation strategy, the City has made progress toward both habitat-based and species-specific objectives that are consistent with the Recovery Plan. Progress toward these objectives throughout the first 6 years of VPHCP implementation is detailed below in Tables 4-1 and 4-2.

A component contributing to the progress of the VPHCP conservation objectives includes upcoming and anticipated property acquisitions with important vernal pool and other biological resources for conservation. The City is regularly approached with various opportunities for acquisition and prioritizes acceptance based on a variety of factors, including existing biological resources of the properties and endowment status.

ConserveConserveManage¹Restore²Conserve in perpetuity at least 2,473Manage in perpetuity 62 vernalRestore 19 vernal pool sites (within38.3 acres of basin surface area) at 73implementation of the VPHCP(stewardship) managementvernal pool sites (within 54 vernal poolVernal Pool Management andcondition within the MHPA throughconfiguration that maintains long-termManagement Plans (that areManagement and Monitoring Plan or Site-Specificviability of the VPHCP coveredManagement Plans (that areManagement and Monitoring Plan orspecies.Vernal pool sites within the VPHCP goalsSite-Specific Management with the VPHCP goalsand objectives).vernal pool sites(that are consistent with the VPHCP goalsapproximately 38.3 acres of basinare managed (monitoring and/orRestored:surface area) at 73 vernal pool sitesare managed (monitoring and/orRestored:vernal Pool Resources Acquired• All 39 city-owned vernal pool sites, theseRestored:vernal Pool Resources Acquired• There are 7 privately-owned andPhase 1 Project (Completed invernal Pool Resources Newly-vernal pool sites in cluded in the appendixFY 2024)Vernal Pool Resources Newly-vera re included in the appendixFY 2024)vernal Pool Resources Newly-vera re included in the appendixFY 2024)Vernal Pool Resources Newly-vera re included in the appendixFY 2024)Vernal Pool Resources Newly-vera re responding VPHCP• Oal and Uplands HabitatVernal Pool Resources Newly- <td< th=""><th>Ve</th><th colspan="9">Vernal Pools Objectives (Habitat Based)</th></td<>	Ve	Vernal Pools Objectives (Habitat Based)								
vernal pools (totaling approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes) in the MHPA in a configuration that maintains long-term viability of the VPHCP covered species.pool sites within the MHPA through implementation of the VPHCP Management Plans (that are consistent with the VPHCP goals and objectives).12 complexes) to a "Level 1" (stewardship) management condition within the MHPA through implementation of the VPHCP Management Plans (that are consistent with the VPHCP goals and objectives).12 complexes) to a "Level 1" (stewardship) management condition within the MHPA through implementation of the VPHCP Management Plans (that are consistent with the VPHCP goals and objectives).12 complexes) to a "Level 1" (stewardship) management condition within the MHPA through implementation of the VPHCP Management Plans (that are consistent with the VPHCP goals and objectives).All 2,473 vernal pools (totaling approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes)• All 39 city-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually per the VPMMP.City-Owned Vernal Pool Resources Restored: • Robinhood Ridge (J4-5) (Level 2 to Level 1 [FY 2023]) • Clayton Parcel (2) 2): Clayton Phase 1 Project (Completed in FY 2024) • Clayton Parcel (Completed in FY 2024) • Carmel Mountain (H 38): Vernal Pool and Uplands Habitat Restoration (Completed in FY 2023) • Goat Mesa (J 16-18): Wruck Canyon Vernal Pool Complex • Gaat Mesa (J 16-18): Wruck Canyon Vernal Pool Complex • Gaat Mesa (J 16-18): Wruck Canyon Vernal Pool Complex • Canyon Vernal Pool Complex in • Canyon Vernal Pool Comple	Conserve	Manage ¹	Restore ²							
 All 2,473 vernal pools (totaling approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes) remain conserved. Vernal Pool Resources Acquired Attisha Trust (FY 2023, 0.09 acres) Kearny Mesa Logistics (FY 2023. 0.37 acres) Vernal Pool Resources Newly- Discovered Topsail (J 37) - 10 pools Seabird Way (M 5) - 39 pools Ocean View Hills Parkway (J 37) - pools All 39 city-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually per the VPMMP. There are 7 privately-owned and managed vernal pool sites, these are listed in Appendix E Management logs for each fiscal year are included in the appendix of the corresponding VPHCP annual report. The City is working with land owners of the privately-owned vernal pool sites to ensure consistency with the VPHCP. Additional sites pending All 39 city-owned vernal pool sites to ensure consistency with the VPHCP. 	vernal pools (totaling approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes) in the MHPA in a configuration that maintains long-term viability of the VPHCP covered	pool sites within the MHPA through implementation of the VPHCP Vernal Pool Management and Monitoring Plan or Site-Specific Management Plans (that are consistent with the VPHCP goals and objectives).	12 complexes) to a "Level 1" (stewardship) management condition within the MHPA through implementation of the VPHCP Management and Monitoring Plan or Site-Specific Management Plans (that are consistent with the VPHCP							
 approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes) remain conserved. Vernal Pool Resources Acquired Attisha Trust (FY 2023, 0.09 acres) Kearny Mesa Logistics (FY 2023. 0.37 acres) Vernal Pool Resources Newly- Discovered Topsail (J 37) - 10 pools Seabird Way (M 5) - 39 pools Ocean View Hills Parkway (J 37) - pools are managed (monitoring and/or management activities conducted if warranted) annually per the VPMCP. There are 7 privately-owned and managed vernal pool sites, these are listed in Appendix E Management logs for each fiscal year are included in the appendix of the corresponding VPHCP annual report. Seabird Way (M 5) - 39 pools Ocean View Hills Parkway (J 37) - pools are managed (monitoring and/or management activities conducted if warranted) annual report. Sadditional sites pending are managed (monitoring and/or management activities conducted if warranted) annually per the VPMCP. are managed (monitoring and/or management activities conducted if warranted) annually per the VPMCP. The City is working with land owners of the privately-owned vernal pool sites to ensure consistency with the VPHCP. 		Progress toward Objectives								
	approximately 38.3 acres of basin surface area) at 73 vernal pool sites (within 54 vernal pool complexes) remain conserved. <u>Vernal Pool Resources Acquired</u> • Attisha Trust (FY 2023, 0.09 acres) • Kearny Mesa Logistics (FY 2023. 0.37 acres) <u>Vernal Pool Resources Newly- Discovered</u> • Topsail (J 37) - 10 pools • Seabird Way (M 5) - 39 pools • Ocean View Hills Parkway (J 37) – 9 pools • <i>3 additional sites pending</i>	 are managed (monitoring and/or management activities conducted if warranted) annually per the VPMMP. There are 7 privately-owned and managed vernal pool sites, these are listed in Appendix E Management logs for each fiscal year are included in the appendix of the corresponding VPHCP annual report. The City is working with land owners of the privately-owned vernal pool sites to ensure consistency with the VPHCP. 	Restored: • Robinhood Ridge (J4-5) (Level 2 to Level 1 [FY 2023]) • Clayton Parcel (J 2): Clayton Phase 1 Project (Completed in FY 2024) • West Otay C/B (J 32): Stinknet Management Project (Completed in FY 2024) • Carmel Mountain (H 38): Vernal Pool and Uplands Habitat Restoration (Completed in FY 2023) • Goat Mesa (J 16-18): Wruck Canyon Vernal Pool Complex							
Status ³		Status ³								

Table 4-1. VPHCP Habitat-Based Conservation Objectives

Meeting	In Progress	In Progress
		····

¹In addition to conservation, includes active management of sites at Level 1, as well as sites at Levels 2 and 3. There are 11 conserved vernal pool sites included in the conservation totals (and identified in Appendix E of the HCP and Appendix A of the VPMMP) that will not be actively managed under the VPMMP. As funding becomes available, the City may work with the owner of three of the unmanaged sites (Fieldstone, Arjons, and Empire Center) to implement the additional recommended management.

³Restoration shall occur at specific vernal pool complexes to establish populations of covered species, consistent with the Recovery Plan (USFWS 1998). Restored populations shall also be conserved and managed consistent the VPHCP objectives listed in this table.

⁴Key to icons: Text bubble = progress toward meeting objective is in progress; Check mark = City is meeting objective.

In addition to the restoration projects included in the tables above, the City is in various phases (e.g., planning, implementation) of various restoration projects that will contribute to progress toward the VPHCP objectives. Projects that are in the planning phase or are planned for upcoming implementation include Clayton Phase II, J-13 South Restoration Project, and the Brown Field Restoration Project. The City also continues to evaluate existing vernal pool complexes to ensure that newly discovered resources (i.e., vernal pool basis and covered species) are tracked. As discussed in Section 1.6.1 of this 2024 Annual Report, the City is working on updating management sheets for existing vernal pool complexes.

As feasible, the City is also seeking grant funding to restore vernal pool resources. In 2020, the City was awarded a \$394,000.00 grant to restore the Robinhood Ridge and Goat Mesa complexes; these projects are anticipated to be complete in 2024 and 2025, respectively. Robinhood Ridge was successfully restored to management level 1 in FY 2022, largely due to the additional resources funded by the grant. The City continues to evaluate opportunities for additional acquisitions that would contribute to the VPHCP objective. The following properties are potential acquisitions for the City that would come under conservation through the VPHCP: Caltrans Dennery Canyon Vernal Pools, Lonestar, Zamudio, West Otay A (California Department of Transportation [Caltrans]), and San Diego County Water Authority FRS 2. Overall, the City has made significant progress toward achieving the VPHCP conservation objectives and will continue to pursue these goals.

	Table 4-2. VPHCP Species-Specific C	nservation Objectives					Table 4-2. VPHCP Species-Specific C	onservation Objectives continued				
		Otay Mesa mint			San Diego Mesa mint			California Orcutt grass			Riverside fairy shrimp	
	Species-Specific Objectives	Progress Toward Objectives	Status ³	Species-Specific Objectives	Progress Toward Objectives	Status ³	Species-Specific Objectives	Progress Toward Objectives	Status ³	Species-Specific Objectives	Progress Toward Objectives	Status ³
Manage ¹	Conserve 370 vernal pools occupied by Otay Mesa mint within five sites.	Conservation Retention •Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •One occupied site (Topsail) gained with species in 2 vernal pools. •17 occupied vernal pools gained within Cal Terraces North. •16 occupied vernal pools gained within Wruck Canyon. •26 occupied vernal pools gained within Wruck Canyon. •26 occupied vernal pools gained within West Otay B. •1 occupied vernal pool gained within Robinhood Ridge. •1 occupied vernal pool gained within Hidden Trails. •See restoration summary below.		Conserve 335 vernal pools cocupied by San Diego mesa mint within 19 sites.	Conservation Retention •Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •One occupied site (Kearny Mesa Logistics) gained with species in 1 vernal pool. •16 occupied vernal pools gained within Carmel Mountain. •1 occupied vernal pool gained within Lake Murray. •20 occupied vernal pools gained within Greystone Torrey Highlands. •2 occupied vernal pool gained within Serva Library. •1 occupied vernal pool gained within Pasatiempo. •6 occupied vernal pool gained within Nobel Drive.		Conserve 58 vernal pools occupied by california Orcutt grass within three sites.	Conservation Retention •Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •1 occupied vernal pool gained within Cal Terraces North. •3 occupied vernal pools gained within Clayton Parcel. •1 occupied vernal pools gained within Serra Mesa Library. •2 occupied vernal pools gained within Serra Mesa Library. •2 occupied vernal pools gained within Greystone Torrey Highlands. •5 occupied vernal pools gained within Hidden Trails. •1 occupied vernal pools gained within Hidden Trails. •1 occupied vernal pools gained within Lake Murray. •See restoration summary below.		Conserve 131 vernal pools cocupied by Riverside fairy shrimp within seven sites.	Conservation Retention •120 vernal pools with target species retained •All 4 sites with target species retained Conservation Gains •One occupied site (Ocean View Hills Pkwy) gained with species in 1 vernal pool. •1 occupied vernal pool gained within Wruck Canyon. •See restoration summary below.	
Conserve ²	Manage all conserved complexes/sites identified in Appendix A consistent with this VPMMP.	•All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. •The City is working with land owners of privately-owned occupied vernal pool sites to ensure consistency with the VPHCP.	Ţ	N	 All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. The City is working with land owners of privately- owned occupied vernal pool sites 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. 	<u>ب</u>	Manage all conserved complexes/sites identified in Appendix A consistent with this VPMMP.	 All occupied and conserved sites are City- owned and are managed (monitoring and/or management activities conducted if warranted) annually. 		Manage all conserved complexes/sites identified in Appendix A consistent with this VPMMP.	 All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. The City is working with land owners of privately owned occupied vernal pool sites 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. 	÷
Restore	Establish viable populations of Otay Mesa mint within the J13, J16–18, J20–21, J27, and J28 complex series.	Populations of Otay Mesa Mint have been established at the following sites and number of pools (2019–2023): •Clayton Phase I (J2): 23 pools	Ţ	Restoration is not necessary for this covered species as the populations of this species are adequately conserved under the VPHCP.	Not applicable.	Not applicable.	Establish viable populations of California Orcutt grass within J11, J12, J13, J14, J16-18, J20–21, J21, J27, an J28E.	Populations of California Orcutt grass have been established at the following sites (2019–2023): d •Clayton Phase I (J2): four pools	Ţ	Establish viable populations of Riverside fairy shrimp within J11 J12, J13, J14, J16-18, J20–21, J21, J27, and J28E.	Populations of Riverside fairy shrimp have been established at the following sites (2019–2023): •Clayton Phase I (J2): 11 pools	÷

		Spreading navarretia			San Diego button-celery			San Diego fairy shrimp			
	Species-Specific Objectives	Progress Toward Objectives	Status ³	Species-Specific Objectives	Progress Toward Objectives	Status ³	Species-Specific Objectives	Progress Toward Objectives	Status ³		
Manage ¹	Conserve 94 vernal pools occupied by spreading navarretia within seven sites.	Conservation Retention •Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •4 occupied vernal pools gained within Wruck Canyon. •2 occupied vernal pool gained within Robinhood Ridge. •1 occupied vernal pool gained within Nobel Drive.			Conservation recention Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •One occupied site (Kearny Mesa Logistics) gained with species in 2 vernal pools. •One occupied site (Seabird Way) gained with species in 25 vernal pools. •One occupied site (Calle de Vida West) gained with species in 1 vernal pools. •One occupied site (Calle de Vida West) gained with species in 1 vernal pools. •One occupied vernal pools gained within Cal Terraces North. •11 occupied vernal pools gained within Carmel Mountain Greystone Torrey Highlands. •23 occupied vernal pools gained within Clayton Parcel. •2 occupied vernal pools gained within Wruck Canyon. •26 occupied vernal pools gained within Widen Trails. •10 occupied vernal pools gained within West Otay B. •1 occupied vernal pools gained within West Otay B. •1 occupied vernal pools gained within Serra Murray. •1 occupied vernal pools gained within Serra Mesa Library. •1 occupied vernal pools gained within Serra Mesa Library.			Conservation Retention •Occupied vernal pools remain conserved under the VPHCP. •Occupied sites remain conserved under the VPHCP. Conservation Gains •One occupied site (Kearny Mesa Logistics) gained with species in 6 vernal pool. •One occupied site (Attisha Trust) gained with species in 5 vernal pool. •One occupied site (Ocean View Hills Pkwy) gained with species in 2 vernal pool. •One occupied site (Seabird Way) gained with species in 2 vernal pool. •One occupied site (Calle de Vida West) gained with species in 3 vernal pools. •One occupied site (Stowe) gained with species in 5 vernal pools. •2 occupied vernal pools gained within South Otay J13S. •See restoration summary below.	V		
Conserve ²	Manage all conserved complexes/sites identified in Appendix A consistent with this VPMMP.	 All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. The City is working with land owners of privately-owned occupied vernal pool sites 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. 	;;;	Manage 22 sites identified in Appendix A consistent with this VPMMP.	 All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. The City is working with land owners of privately- owned occupied vernal pool sites 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. 	ç	Manage 33 sites as identified in Appendix A consistent with this VPMMP.	 All occupied City-owned vernal pool sites are managed (monitoring and/or management activities conducted if warranted) annually. The City is working with land owners of privately- owned occupied vernal pool sites 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. 	Ţ		
Restore	Establish viable populations of spreading navarretia within J11, J12, J13, J16–18, J20–21, J27, J28, and R1.	reprotations of spreading navaretite nave been re-established at the following sites: -South Otay 1 Acre (J 13 N) per the La Media Road widening mitigation effort. Populations of spreading navarettia have been established at the following sites and number of poole (2014) 2024:	Ţ	Establish a viable population of San Diego button-celery	Populations of San Diego button-celery have been established at the following sites and number of pools (2019-2024): •Clayton Phase I (J2): 30 pools (supplementing the one existing occupied vernal pool). •Wruck Canyon (J16-18): 1 pool (via Wruck Canyon Restoration Project).	;::	Restoration is not necessary for this covered species as the populations of this species are adequately conserved under the VPHCP.	Populations of San Diego fairy shrimp have been established at the following sites and number of pools (2019–2023): •Clayton Phase I (J2): 27 pools (supplementing the two existing occupied vernal pool).	~~		

¹In addition to conservation, includes active management of sites at Level 1, as well as sites at Levels 2 and 3. There are 11 conserved vernal pool sites included in the conservation totals (and identified in Appendix E of the HCP and Appendix A of the VPMMP) that will not be actively managed under the VPMMP. As funding becomes available, the City may work with the owner of three of the unmanaged sites (Fieldstone, Arjons, and Empire Center) to implement the additional recommended management.

²Restoration shall occur at specific vernal pool complexes to establish populations of covered species, consistent with the Recovery Plan (USFWS 1998). Restored populations shall also be conserved and managed consistent the VPHCP objectives listed in this table.

³Key to icons: Text bubble = progress toward meeting objective is in progress; Check mark = City is meeting objective; Growth chart icon = City is exceeding objective.

¹In addition to conservation, includes active management of sites at Level 1, as well as sites at Levels 2 and 3. There are 11 conserved vernal pool sites included in the conservation totals (and identified in Appendix E of the HCP and Appendix A of the VPMMP) that will not be actively managed under the VPMMP. As funding becomes available, the City may work with the owner of three of the unmanaged sites (Fieldstone, Arjons, and Empire Center) to implement the additional recommended management.

²Restoration shall occur at specific vernal pool complexes to establish populations of covered species, consistent with the Recovery Plan (USFWS 1998). Restored populations shall also be conserved and managed consistent the VPHCP objectives listed in this table.

³Key to icons: Text bubble = progress toward meeting objective is in progress; Check mark = City is meeting objective; Growth chart icon = City is exceeding objective.



5 References

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

City of San Diego (City). 2002–2003. City of San Diego Vernal Pool Inventory.

- City of San Diego (City). 2019. *Revised Final City of San Diego Vernal Pool Habitat Conservation Plan*. October.
- City of San Diego (City). 2020. *Revised Final City of San Diego Vernal Pool Management and Monitoring Plan*. February.
- NOAA. 2019-2024. National Centers for Environmental Information Climate Data Online [database]. Available at: <u>https://www.ncei.noaa.gov/cdo-web/</u>. Accessed November 2024.
- United States Fish and Wildlife Service (USFWS). 1998. *Recovery Plan for Vernal Pools of Southern California*. U.S. Department of the Interior, Fish and Wildlife Service, Region One, Portland, Oregon.

This page intentionally left blank.

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

				Numbe	er of Conserve	ed Pools Occupi	ed by Focal Spe	ecies			Existing	VPHCP
Complex Series	Site Name	Planning Unit	PONU	РОАВ	NAFO	ERAR	ORCA	RFS	SDFS	Management Responsibility	(Baseline) Management & Monitoring Level	Required Management & Monitoring Level in VPMMP
B 5 B 6	Tierra Alta Lopez Ridge (CDFW)	North North	0 0	0 1	0	0	0	0 0	1 0	Private CDFW	Level 1/SSMP	Level 1 Level 1
В 7-8	Crescent Heights	North	0	0	0	0	0	0	1	City	Level 1/SSMP	Level 1
B 11	Lopez Ridge (City) Mesa Norte	North North	0	10 12	0	1 10	0	0	2 24	City Private	Level 1 Level 1/SSMP	Level 1 Level 1
C 10-16	Winterwood	North	0	27	0	7	0	0	2	School District	SSRP	N/A
C 17-18	Winterwood (City) Fieldstone	North North	0	0	0	0	0	0	0	City Private	None None	None ₂
C 27	Mira Mesa Market Center	North	0	1	0	0	0	0	1	Private	None	None
D 5-8	Carroll Canyon	North	0	42	1	65	0	0	5	City	Level 1/SSRP ₃	Level 1
	Parkdale Carroll Canyon MCAS Miramar	North North	0 0	0 0	0 0	0 0	0 0	0 0	0 0	City Federal	Level 1/SSRP ₃	Level 1 N/A
F 16-17	Menlo KM Parcel Menlo KM Parcel	Central Central	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	Level 1 None	Level 1 N/A
н 1-10, 13- 15,18-23,	Del Mar Mesa (Private)	North	0	0	0	2	0	0	1	County Private	None	Level 11
24-	Del Mar Mesa (Caltrans) Del Mar Mesa	North North	0 0	0 56	1 0	2 122	0 0	0 0	1 16	State CDFW/USFWS	None Level 1	N/A Level 1
26	(CDFW/USFWS) Rhodes	North	0	7	0	6	0	0	8	Private	SSRP ₃	Level 1
H 17	Shaw Lorenz	North	0	0	0	0	0	0	8	Private	Level 1/SSMP	Level 1
H 33	East Ocean Air Drive SDG&E Substation	North North	0 0	0 0	0 0	2 4	0 0	0 0	0 0	Private Federal	None N/A	None ₂
H 38	Carmel Mountain	North	0	16	0	11	0	0	2	City	SSRP	Level 1
H 39	Greystone Torrey Highlands	North	0	20	0	15	0	0	4	City	Level 1/SSMP	Level 1
H 41	Dormouse	North	0	0	0	13	0	0	7	City	None	None ₅
H 42	Fairbanks Highland Arjons	North North	0	0 22	0	0	0	0	3	City Private	None	None ₅
16 B	Ford Leasing (Bob Baker)	North	0	7	0	0	0	0	3	Private	None	None ₂
16 C	Facilities Development (Eastgate Miramar	North	0	11	0	2	0	0	6	Private	None	None ₂
112	Associates) Pueblo Lands (South)	North	0	0	0	0	0	0	2	City	Level 1	Level 1
1 12	Cal Terraces (North),	South	303	0	83	301	53	93	209	City	Level 1 Level 1	Level 1 Level 1*
J 2	Otay Mesa Road Parcels Clayton Parcel	South	16	0	0	32	3	0	2	City	Level 1	Level 1
J3	St. Jerome's	South South	0 0	0 0	0	0 0	0 0	3 0	1 0	Private State	None None	Level 31 N/A
J 4-5	Attisha Trust	South	0	0	0	0	0	0	5	City	None	N/A
J 11 E	Robinhood Ridge Slump Block Pools	South South	20 0	0	6 0	47 0	0	6 0	41 0	City Private	Level 1 None	Level 1 Level 21
J 11 W	J 11 West	South	0	0	0	0	0	1	1	Private	None	Level 31
J 12	J 12	South	0	0	0	0	0	0	0	Private	None	Level 31
J 13 E	South Otay J 13 East	South	0	0	0	1	0	0	2	Private	None	Level 3 ₁
J 13 N	South Otay 1 acre (City) Bachman	South South	0	0	0	1 0	1 0	0	0	City Private	None None	Level 3 Level 31
J 13 S	South Otay J 13 S South Otay J 13 S (City)	South South	0	0	0	7	0	0	0	Private City	None None	Level 31 N/A
	Anderprises (Caltrans)	South South	1 0	0 0	1 0	0 0	0 0	3 0	4 0	State City	SSRP Level 1	N/A Level 1
J 14	Anderprises (City) Bachman	South	0	0	0	0	0	0	0	Private	None	Level 31
	Brown Field Basins Cal Terraces (South)	South South	0 63	0	0 6	0 55	0	0 26	0 32	City/Airports City	None SSRP	None Level 1*
J 15	Handler Arnie's Point	South South	0 15	0 0	0 10	0 61	0 3	0 30	0 56	Private Federal	Level 1/SSMP SSMP	Level 31 N/A
112	Goat Mesa (City)	South	0	0	0	4	3 0	30 1	0	City	Level 1	Level 1*
J 16-18	Goat Mesa (Federal) Wruck Canyon	South South	0 1	0	0 1	0 2	0	0 1	0 1	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	La Media Swale South	South	0	0	0	0	0	0	0	Private	None	Level 31
J 27 J 28 E	Empire Center La Media Swale North	South South	0	0	0	9	0	0	0	Private Private	None None	None ₂ Level 3 ₁
J 29	Lonestar W (Caltrans)	South	0	0	0	7	0	1	4	State	SSMP	N/A 4
J 30	Lonestar E (Caltrans) Lonestar E (Private)	South South	0	0	0	0 32	0	35 0	50 0	State Private (County)	SSMP SSMP	N/A ₄ Level 1
J 31	Dennery West	South	0	0	0	0	0	10	38	State	SSMP	N/A
	Hidden Trails West Otay A (Caltrans)	South South	1 7	0 0	0 3	26 1	0 0	0 1	6 8	City State	Level 1 SSRP	Level 1 N/A
J 32	West Otay A (CDFW) West Otay B	South South	1 26	0	0	2 11	0	0	0	CDFW City	None SSRP	Level 1 ₁ Level 1
	West Otay C	South	3	0	0	2	0	0	0	City	Level 1	Level 1
J 33	Sweetwater High School Bachman	South South	5 0	0 0	3 0	2 0	0 0	3 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	City Private	None None	Level 1/SSRP Level 31
J 37	Ocean View Hills Pkwy	South	0	0	0	0	0	2	1	City	None	None ₅
KK 1	Topsail Lake Murray	South Central	2 0	0	0	3	0	0	0	City City	None None	Nones None
K 5	Otay Lakes	South	0	0	2	46	0	0	6	City ₆	Level 1	Level 1
KK 2	Pasatiempo	South	0	1	0	1	0	0	0	City	Level 1	Level 1
M5 MM 1	Seabird Way Marron Valley	South South	0	0	0	25 0	0	0	2	City City ₆	None SSRP	Nones Level 1
N 1-4	Teledyne Ryan	Central	0	1	0	0	0	0	11	Private	None	Level 21
N 5-6	Montgomery Field	Central	0	129	0	0	0	0	24	City	Level 1	Level 1/SSRP
N 7 N 8	Serra Mesa Library General Dynamics	Central Central	0	2 20	0	1	0	0	2	City City	Level 1 Level 1/SSMP	Level 1 Level 1
NC	Li Collins	North	0	0	0	0	0	0	0	Private	None	None
00	Kelton Salk Institute	South North	0	0	0	0	0	0	0	City Private	None Level 1/SSMP	None Level 1
	Mission Trails Regional	Central	0	0	0	0	0	0	6	City	Level 1	Level 1
Q2	Park Calle de Vida East	Central	0	0	0	2	0	0	2	City	None	N/A
Q 3	Calle de Vida West	Central North	0	0	0	1	0	0	3	City Private	None SSRP	Nones Level 1
Q 3 Q4	Stowe	North	0	0	0	0	0	0	5	City	None	None ₅
QQ	Tecolote Canyon	Central	0	0	0	0	0	0	0	City	None	None
R 1	Proctor Valley	South	0	0	0	0	0	0	3	City ₆	Level 1	Level 1
U 15	SANDER Cubic	Central Central	0 0	1 0	0 0	0 0	0 0	0 0	2 0	City Private	Level 1 None	Level 21 Level 11
U 19 X 5	Kearny Mesa Logistics Nobel Drive	Central North	0	1 6	0	2	0	0	6 6	City City	None Level 1	None _s Level 1
X 5 X 7	Nobel Drive Nobel Research	North	0	6	0	0	0	0	6	City	Level 1 Level 1/SSMP	Level 1 Level 1
	fornia Department of				/A - Not App				SSMD-Sito			

CDFW = California Department of Fish and Wildlife; City = City of San Diego; N/A = Not Applicable; SSRP= Site-specific restoration plan; SSMP=Site-specific management plan or requirements. TBD = To Be Determined; USFWS = United States Fish and Wildlife Service

Footnotes continued on next page.

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 Vernal Pool Management and Monitoring Plan (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 Vernal Pool Habitat Conservation Plan [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.

5 = As separate funding becomes available (e.g., grant funds) the City may work to implement additional recommended management as identified on the site

specific VPMMP management sheet.

Blue

Gray

Pink

6 = Changed from Cornerstone Land to City.

* = 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.

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

Tan City owned, newly discovered (or acquired) 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.

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

Green 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

City of San Diego VPHCP Site-Specific Management Sheets for Newly Discovered Vernal Pool Complexes and Pools

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations H 38 (*Carmel Mountain*)

Species-Specific Objectives:

- 1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego fairy shrimp within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area and, in doing so, contribute to recovery of the species on a range-wide basis.
- 2. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego button celery (*Eryngium aristulatum* var. *parishii*) and San Diego mesa mint (*Pogogyne abramsii*) within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP area and, in doing so, contribute to recovery of the species on a range-wide basis.

Management Level: Level 1

Ownership: City

Management Responsibility: City of San Diego Parks and Recreation Department

Management Goal

The management goal of this complex is to *maintain* the habitat conditions and focal species population status consistent with the Site-specific Management Plan by conducting all Management Level 1 recommended activities.

Complex Description

Carmel Mountain (H 38) is a 300-acre preserve area that was acquired by the City of San Diego for open space in 1998. It is located south of SR-56 in the Carmel Mountain Community Planning Area and surrounds the Neighborhood 10 Community Park on the east, west, and north. The site, which is partially within the MHPA and is zoned Open Space, is owned and managed by the City of San Diego, Parks and Recreation Department.

Fifty-eight vernal pools, including both natural vernal pools and road ruts, have been mapped at Carmel Mountain, based on the City's updated Vernal Pool Database (2012 and 2023). Soils include Redding gravelly loam, Carlsbad gravelly loamy sand, and Huerhuero complex loamy alluvial land. Upland vegetation is characterized by chamise chaparral with herbaceous cover such as *Erodium* spp. San Diego fairy shrimp (*B. sandiegonensis*) within the vernal pool habitat at Carmel Mountain; no sensitive vernal pool plant species have been reported from this site.

Prior to preservation, the site was impacted by off-road vehicles; gates were installed following acquisition of the site for open space. It is currently used for passive recreation, and official trails have been designated to minimize impacts to on-site resources. The preserve is managed in conformance with the *Carmel Mountain and Del Mar Mesa Resource Management Plan* (City 2015).

Existing Conditions

	Site Name	% VP Conservation	Number of Pools ¹	Surface Area of Pools ¹ (acres)	Focal Species Populations ¹ (# of pools)	Focal Species Critical Habitat
Project	Carmel Mountain	100	58	0.78	POAB (16) ERAR (11) SDFS (2)	SDFS
Baseline	Carmel	100	58	0.78	POAB (16) ERAR (11)	SDFS
	Mountain				SDFS (2)	
Expanded Alternative	Carmel Mountain	100	58	0.78	POAB (16) ERAR (11) SDFS (2)	SDFS

The table below includes the baseline data from the City's vernal pool database for the H 38 complex:

POAB = San Diego Mesa mint

ERAR = San Diego button-celery

SDFS = San Diego fairy shrimp

¹Updated during Fiscal Year 2023 baseline studies.

Threats

Edge Effects

While much of the vernal pool complex at Carmel Mountain is surrounded by open space, some of the pools are adjacent to housing development at the southern end of the site. Where adjacent development exists, threats of edge effects will occur.

Fire and Fire Suppression

Carmel Mountain is part of several large, interconnected open space areas where fire plays an important role in the natural ecology. Portions of the site burned in 1986 and during the 1990s, although the vernal pool basins did not burn. At other vernal pool sites in San Diego, comparisons of pre- and post-fire surveys do not support the conclusion of long-term damage to sensitive species or their physical habitat. Therefore, fire does not appear to threaten species presence or abundance of vernal pool ecosystems.

During an emergency, this site may be used for fire suppression activities. A fire management plan has been prepared and is included in the *Carmel Mountain and Del Mar Mesa Resource Management Plan* (City 2015). Section 10 of the plan, entitled Fire Management, includes information on fire history and the historic role of fire, objectives, and fire management units, as well as requirements for reporting, extinguishing and reviewing fires that occur on Carmel Mountain.

Trespass

The public is allowed limited, non-motorized access to Carmel Mountain. Trespass by off-road vehicles may occur in unlikely instances. Gates have been installed across vehicle access routes.

Litter

Litter has not been identified as a problem at this complex; however, with the high level of foot, bike, and equestrian traffic, litter will remain a threat.

Topographic Disturbance

While many of the vernal pools at this complex are now protected from topographic disturbance, off-road activity and access for utility maintenance have created some past topographic disturbance. In some cases, this topographic disturbance may have impacted the watershed and ponding characteristics of some of the pools. An on-going project by the Chaparral Lands Conservancy with funding from TransNet and USFWS has restored much of this disturbance (Carmel Mountain Vernal Pool and Uplands Habitat Restoration Plan, September 2012).

Invasive Species

Vegetation species at Carmel Mountain are primarily native; however, some nonnative grasses and *Erodium* spp. occur.

Current Management Activities

Maintenance and management activities are conducted by the City of San Diego Parks and Recreation Department in accordance with the *Carmel Mountain and Del Mar Mesa Resource Management Plan* (City 2015), which creates a complete action plan for the area. The Resource Management Plan has specific guidance for maintenance activities that include trail maintenance, weed control, public outreach, and additional access controls. Additional management actions, including fencing, signage, topographic restoration, and educational programs, were implemented as part of a Chaparral Lands Conservancy project funded by TransNet and USFWS in 2013-2016 (*Carmel Mountain Vernal Pool and Uplands Habitat Restoration Plan*, September 2012; see also *Carmel Mountain Vernal Pool and Uplands Habitat Restoration Projects Annual Monitoring Report* for 2013, 2014 and 2015 prepared by The Chaparral Lands Conservancy and Rocks Biological Consulting).

Vernal Pool HCP Management Requirements¹

Management pursuant to the *Carmel Mountain and Del Mar Mesa Resource Management Plan* (City 2015).

Management Recommendations²

Management Level 1 and the following list of tasks are recommended for the site:

- Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.
- Conduct Weed Control-2 (hand, mechanical, and/or herbicide application).

¹ Action required as part of the VPHCP to ensure coverage of the seven focal species.

² Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations H 39 (Greystone Torrey Highlands)

Species-Specific Objectives:

1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego button celery and San Diego mesa mint within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area, and, in doing so, contribute to recovery of these species on a range-wide basis.

Management Level: Level 1

Ownership: City

Management Responsibility: City of San Diego Parks and Recreation Department

Management Goal

The management goal for this complex is to *maintain* existing habitat conditions and focal species population status consistent with the Site-specific Management Actions by conducting all Management Level 1 recommended activities.

Complex Description

Greystone Torrey Highlands (H 39) is a 3.5-acre vernal pool preserve and creation site located within a residential development of the same name. The site borders Camino del Sur and SR-56, and is accessed via Torrey Meadows Drive and Torrey Gardens Place. This area was restored and conserved as mitigation for construction of SR-56 and the Greystone Torrey Highlands project (LDR 98-0392). The site was preserved via conservation easement (File No. 2001-0069428), recorded on February 6, 2001, and dedicated to the City of San Diego in fee title after completion of the 120-day restoration establishment period. The site is zoned Open Space and is outside the MHPA; surrounding land uses include transportation, residential neighborhoods, and educational facilities. Greystone Torrey Highlands is included within the proposed expansion to the MHPA pursuant to the adoption of the VPHCP with 100% conservation consistent with prior conservation actions.

This site has 21 vernal pools: three are natural, 18 have been restored. The basins occur in Olivenhain cobbly loam soil. San Diego button celery (*E. aristulatum*), San Diego mesa mint (*P. abramsii*), and San Diego fairy shrimp (*B. sandiegonensis*) occur at Greystone Torrey Highlands. Uplands surrounding the vernal pools have been restored to coastal sage scrub.

Impacts to approximately 89 square meters (m^2) of vernal pools and 11 m² of road ruts were approved as part of the Greystone Torrey Highlands project, and 809 m² of impacts were approved for the construction of SR-56.

Prior to preservation and vernal pool restoration, the site was impacted by agriculture, off-road vehicle use, and illegal dumping. However, natural basins and coastal sage scrub vegetation remained in several areas. The site is currently fenced; the restoration process began in 2002 and was completed in 2009.

Existing Conditions

	Site Name	% VP Conservation	Number of Pools ¹	Surface Area of Pools (acres) ¹	Focal Species Populations (# of pools) ¹	Focal Species Critical Habitat
Project	Greystone Torrey Highlands	100	21	0.80	POAB (20) ERAR (15)	NONE
Baseline	Greystone Torrey Highlands	100	21	0.80	POAB (20) ERAR (15)	NONE
Expanded Alternative	Greystone Torrey Highlands	100	21	0.80	POAB (20) ERAR (15)	NONE

The table below includes the baseline data from the City's vernal pool database for the H 39 complex:

POAB = San Diego Mesa mint ERAR = San Diego button-celery

¹Updated during Fiscal Year 2023 baseline studies.

Threats

Edge Effects

The restoration site was designed to minimize impacts from edge effects such as litter and artificial night-lighting; however, proximity to development may result in impacts from litter and domestic animals. Litter removal, fencing, and signage are included in the site maintenance required by the restoration plan.

Fire and Fire Suppression

Given the developed surroundings, it is unlikely that wildfire or fire suppression activities pose a threat to the vernal pools.

Trespass

Off-road vehicles were a major threat prior to restoration of the site and development of the surrounding area. Fencing and signage were installed as part of site restoration in an effort to minimize trespass. However, the potential remains for trespass from the residents of the nearby development.

Litter

Occurrences of trash dumping are limited in this locality, but this remains a threat because of the adjacent road and homes.

Topographic Disturbance

There are currently no issues with topographic disturbance.

Invasive Species

Prior to restoration, nonnative invasive species were introduced through disturbance associated with off-road vehicle use, etc. Both uplands and vernal pools were revegetated in accordance with the accepted *Detailed Vernal Pool Restoration Plan for the City of San Diego/Greystone Homes Vernal Pool Preserve* (KEA Environmental 2001) and invasive species removal is required from both upland and vernal pool habitats.

Current Management Activities

The City Parks and Recreation Department is responsible for management of H 39. Pursuant to the U.S. Fish and Wildlife Service Biological Opinion 1-6-00-F-36, issued through a Section 7 consultation for a U.S. Army Corps of Engineers 404 permit, mitigation and management activities were required as conditions of incidental take of San Diego fairy shrimp (*Branchinecta sandiegonensis*) resulting from the Greystone Torrey Highlands project (LDR 98-0392).

The *Detailed Vernal Pool Restoration Plan for the City of San Diego/Greystone Homes Vernal Pool Preserve* (KEA Environmental 2001) was accepted by the permitting agencies as mitigation for vernal pool impacts. Implementation of the restoration plan included a 120-day establishment period, followed by 5 years of monitoring and maintenance, including trash removal, weed control, hydrological/topographical modification, fence repair, and any necessary remedial measures, under the supervision of a revegetation specialist.

As part of the mitigation plan, the site has been fenced with permanent, 6-foot-high material selected to prevent off-road vehicle and pedestrian access. "No Trespassing" signs have also been placed around the preserve.

Funding for the long-term management requirements set forth in the *Detailed Vernal Pool Restoration Plan for the City of San Diego/Greystone Homes Vernal Pool Preserve* is provided by an endowment fund in the amount of \$30,000 and General Funds as needed to meet annual maintenance costs. These funds provide for long-term management and monitoring activities including trash removal, fence and signage repair, invasive control within basin through hand removal, weed control in surrounding uplands, trespass control, erosion control. Qualitative monitoring focuses on soil conditions, plant health, presence of native and non-native species, significant disease or pest problems, trash removal, illegal trespass, and erosion problems.

Vernal Pool HCP Management Requirements¹

The following tasks in Management Level 1 are required for the site:

- Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.
- Implement Site-specific Management Plan as required (refer to Current Management Activities above).

Management Recommendations²

None.

¹ Action required as part of the VPHCP to ensure coverage of the seven focal species.

² Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations J 2 (Cal Terraces [North], Otay Mesa Road Parcels; Clayton Parcel; St. Jerome's)

Species-Specific Objectives:

- 1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego button celery within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area, and, in doing so, contribute to recovery of the species on a range-wide basis. (Cal Terraces [North], Otay Mesa Road Parcels; Clayton Parcel)
- 2. Protect and manage existing vernal pool complexes and their associated watersheds currently occupied by spreading navarretia, Orcutt's grass, Otay Mesa mint, and Riverside fairy shrimp within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area and, in doing so, contribute to recovery of these species on a range-wide basis. (Cal Terraces [North], Otay Mesa Road Parcels; Not yet observed: Clayton Parcel; St. Jerome's)
- 3. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego fairy shrimp within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area and, in doing so, contribute to recovery of the species on a range-wide basis. (Cal Terraces [North], Otay Mesa Road Parcels; Clayton Parcel; St. Jerome's)

Management Level: Level 1: Cal Terraces (North), Otay Mesa Road Parcels, Clayton Parcel. None: St. Jerome's

Ownership: City of San Diego Parks and Recreation Department: Cal Terraces (North), Otay Mesa Road Parcels, and Clayton Parcel. Private: St. Jerome's

Management Responsibility: City of San Diego Parks and Recreation Department: Cal Terraces (North), Otay Mesa Road Parcels, and Clayton Parcel. Private (Catholic Diocese): St. Jerome's

Management Goal

The management goal of this complex is to *maintain* the habitat conditions and focal species population status consistent with the Management Recommendations by conducting all Management Level 1 recommended activities.

Complex Description

Cal Terraces (North), Otay Mesa Road Parcels

Cal Terraces (North) is a 172.7-acre vernal pool preserve and restoration site located northwest of the intersection of SR-905 and Corporate Center Drive, and southeast of the intersection of SR-905 and Innovative Drive in Otay Mesa. These two areas were restored and conserved as mitigation for Otay Corporate Center North and South (LDR 88-1144) and California Terraces (LDR 86-1032); U.S. Fish and Wildlife Service Biological Opinion 1-6-95-F-35 and U.S. Army Corps of Engineers 1-6-95-F-35 were issued regarding this site. The mitigation project has completed the 5-year management and monitoring requirement, and the land will be deeded to the City of San Diego upon the approval of a long-term management funding source. Both sites are within the MHPA and the land is zoned Open Space. Surrounding land uses include the open space/MHPA in Dennery Canyon, transportation, institutional facilities, multi-family residential and office parks.

Restoration of 335 vernal pools was performed according to the specifications set forth in the *Dennery Canyon Vernal Pool, Coastal Sage Scrub, and Mule Fat Scrub Restoration and Preservation Plan* (RECON 1997). For additional information, see also the *Conceptual Mitigation Plan for Impacts to Areas within the Jurisdiction of the California Department of Fish and Game, Otay Mesa Projects* (Glenn Lukos Associates 1995) and the *As-Built Dennery Canyon Vernal Pool, Coastal Sage Scrub, and Mule Fat Scrub Restoration and Preservation Plan* (RECON 1997). Vernal pools occurred in this area historically, but many were disturbed or destroyed by off-road vehicle use prior to restoration. The site is characterized by Stockpen gravelly clay loam, and upland areas have been revegetated with coastal sage scrub. Sensitive species on-site include San Diego button celery (E. aristulatum), Spreading navarretia (*N. fossalis*), Orcutt's grass (*O. californica*), Otay Mesa mint (*P. nudiuscula*), San Diego fairy shrimp (*B. sandiegonensis*), and Riverside fairy shrimp (*S. woottoni*).

U.S. Fish and Wildlife Service Biological Opinion 1-6-95-F-35 addressed impacts to 162 vernal pools, including San Diego button celery (*E. aristulatum*), Spreading navarretia (*N. fossalis*), Otay Mesa mint (*P. nudiuscula*), San Diego fairy shrimp (*B. sandiegonensis*), and Riverside fairy

shrimp (S. *woottoni*). Mitigation of impacts was required at a 2:1 ratio with a minimum of 2.55 acres.

Otay Mesa Road Helix (J 2) is a 1-acre site northwest of the intersection of Otay Mesa Road and Corporate Center Drive in Otay Mesa. This site was preserved as mitigation for the Otay Mesa Road Widening project per U.S. Fish and Wildlife Service Biological Opinion 1-6-97-F-20, which includes vernal pool restoration and upland restoration components. The parcel is dedicated open space within the MHPA and owned by the City of San Diego. Surrounding land uses include business parks, vernal pool preserves, and transportation.

Thirteen vernal pools were restored according to the specifications included in the *Otay Mesa Road Vernal Pool Mitigation Plan* (Helix 1998). Vernal pools occurred in this area historically, but many were disturbed or destroyed by off-road vehicle use prior to restoration. The soils are Stockpen gravelly clay loam, and upland areas have been revegetated with coastal sage scrub. Sensitive vernal pool species recorded include San Diego button celery (*E. aristulatum*), Spreading navarretia (*N. fossalis*), Orcutt's grass (*O. californica*), Spreading navarretia (*P. nudiuscula*), San Diego fairy shrimp (*B. sandiegonensis*), and Riverside fairy shrimp (*S. woottoni*). Impacts to 0.09 acre of vernal pools and 0.67 acre of associated watersheds were approved as part of the Otay Mesa Road Widening project.

Prior to preservation and vernal pool restoration, the site was impacted by off-road vehicle use and illegal dumping. However, mima mounds and coastal sage scrub vegetation were still present in some areas. The site is currently fenced.

Otay Mesa Road RECON is a 2.5-acre site northwest of the intersection of Otay Mesa Road and Corporate Center Drive in Otay Mesa. The site is designated open space within the MHPA and is owned by the City of San Diego. Surrounding land uses include business parks, vernal pool preserves, and transportation.

Twenty vernal pools were restored according to the specifications included in the *City of San Diego Vernal Pool and Coastal Sage Scrub Restoration and Preservation Plan on Otay Mesa* (RECON 1998), and funded through an NCCP Local Assistance Grant to the City of San Diego in 1998. Vernal pools occurred in this area historically, but many were disturbed or destroyed by off-road vehicle use prior to restoration. The site is characterized by Stockpen gravelly clay loam, and upland areas have been revegetated with coastal sage scrub. Sensitive species on-site include San Diego button celery (*E. aristulatum*), Spreading navarretia (*N. fossalis*), Orcutt's grass (*O. californica*), Otay Mesa mint (*P. nudiuscula*), San Diego fairy shrimp (*B. sandiegonensis*), and Riverside fairy shrimp (*S. woottoni*).

Clayton Parcel

The Clayton Parcel (J 2) vernal pools occur on the 17.24 acre parcel located northwest of Otay Mesa Road and Ocean View Hills intersection. Clayton was purchased for conservation by the City of San Diego in 2011 with funding from a USFWS Section 6 grant. The site is zoned for community shopping centers and is outside the MHPA. The site has been included within the proposed expansion to the MHPA pursuant to the adoption of the VPHCP.

Nearby land uses include residential development, transportation, educational facilities, MHPA open space, a vernal pool preserve, and undeveloped land.

Thirty-five natural vernal pools and road ruts were mapped at the 17.24-acre site. San Diego fairy shrimp (*Branchinecta sandiegonensis*) and Riverside fairy shrimp (*Streptocephalus woottoni*) were present in 2003.

St. Jerome's

The St. Jerome's (J 2) vernal pools occur on the 18.44-acre parcel located northwest of the Otay Mesa Road and Ocean View Hills intersection. St. Jerome's is privately owned and is currently proposed for development. The site is zoned for community commercial that allows for a shopping center including retail, civic, service, and office uses. The site is outside the MHPA. Nearby land uses include residential development, transportation, educational facilities, MHPA open space, a vernal pool preserve, and undeveloped land.

Twenty-four vernal pools and road ruts were mapped at the 18.44-acre site. Eighteen vernal pools are proposed for 100% conservation on 7.33 acres (see VPHCP, Covered Projects). Stockpen gravelly clay loam and Olivenhain cobbly loam support nonnative grasslands, ruderal vegetation, and small areas of disturbed coastal sage scrub. Stockpen gravelly clay loam and Olivenhain cobbly loam support nonnative grasslands, ruderal vegetation, and small areas of disturbed coastal sage scrub. Stockpen gravelly clay loam and Olivenhain cobbly loam support nonnative grasslands, ruderal vegetation, and small areas of disturbed coastal sage scrub. Stockpen gravelly clay loam and Olivenhain cobbly loam support nonnative grasslands, ruderal vegetation, and small areas of disturbed coastal sage scrub. San Diego fairy shrimp (*Branchinecta sandiegonensis*) and Riverside fairy shrimp (*Streptocephalus woottoni*) were present in 2003.

Existing Conditions

The table includes the baseline data from the City's vernal pool database for the J 2 complex:

	Site Name	% VP Conservation	Number of Pools ¹	Surface Area of Pools (acres) ¹	Focal Species Populations (# of pools) ¹	Focal Species Critical Habitat
	Cal Terraces (North) and Otay Mesa Road Parcels	100	331	3.96	PONU (303) NAFO (83) ERAR (301) ORCA (53) RFS (93) SDFS (209)	RFS SDFS NAFO
Project	Clayton Parcel	100	35	0.27	ERAR (1) SDFS (2)	RFS SDFS NAFO
	St. Isuranala	0	6	0.23	NONE	RFS SDFS NAFO
	St. Jerome's	100	18	0.18	RFS (3) SDFS (1)	RFS SDFS NAFO
Baseline	Cal Terraces (North) and Otay Mesa Road Parcels	100	331	3.96	PONU (303) NAFO (83) ERAR (301) ORCA (53) RFS (93) SDFS (209)	RFS SDFS NAFO
Dasenne	Clayton Parcel	100	35	0.27	ERAR (1) SDFS (2)	RFS SDFS NAFO
	St. Jerome's	0	24	0.41	RFS (3) SDFS (1)	RFS SDFS NAFO
	Cal Terraces (North) and Otay Mesa Road Parcels	100	331	3.96	PONU (303) NAFO (83) ERAR (301) ORCA (53) RFS (93) SDFS (209)	RFS SDFS NAFO
Expanded Alternativ e	Clayton Parcel	100	35	0.27	ERAR (1) SDFS (2)	RFS SDFS NAFO
		0	6	0.23	NONE	RFS SDFS NAFO
	St. Jerome's	100	18	0.18	RFS (3) SDFS (1)	RFS SDFS NAFO

PONU = Otay Mesa mint RFS = Riverside fairy shrimp ORCA = California Orcutt grass NAFO = spreading navarretia

SDFS = San Diego fairy shrimp

ERAR = San Diego button-celery

Italics = Outside Project Preserve area or outside City jurisdiction.

¹Updated during Fiscal Year 2023 baseline studies.

Threats

Cal Terraces [North], Otay Mesa Road Parcels

Edge Effects

The restoration sites are adjacent to an existing industrial park/warehouse complex and a high-traffic roadway, and litter and nonnative species from the developed area may impact the preserve. However, the site is fenced and is also connected to a large open space/MHPA area, including additional vernal pool sites, which minimizes impacts from isolation.

Fire and Fire Suppression

Cal Terraces is part of the larger Dennery Canyon open space system that may be subject to fire in the future. The sensitive species at this site have evolved in natural fire regimes and are not expected to be impacted in the case of fire. Fencing, bollards, and K-rails have been installed and would likely prevent fire suppression impacts occurring in this area.

Trespass

The potential for trespassing at this site has been lowered through the installation of fencing and signage. However, limited impacts from foot traffic may occur.

Litter

With the installation of secure fencing and signage, the threat of litter is primarily from the traffic (vehicle and foot) along the Otay Mesa Road.

Topographic Disturbance

There are currently no issues with topographic disturbance.

Invasive Species

Prior to restoration, nonnative invasive species were introduced through disturbance such as offroad vehicle use. Both uplands and vernal pools were revegetated in accordance with the approved mitigation plan, which included thresholds for tolerance of nonnative species (based on relative total cover) and mechanisms for removal, as necessary. *Chrysanthemum* spp. was observed invading adjacent sites in 2005 and may represent a threat to this site.

Clayton Parcel

Edge Effects

The site is adjacent to the St. Jerome's site along the south boundary, Oceanview Hills Boulevard bounds the site to the west and north, and existing and proposed development is located to the west and northeast of the site. The MHPA is located across Oceanview Hills Boulevard on the southeast portion of the site. This site has potential threats from edge effects from adjacent nonnative landscaping and trash accumulation.

Fire and Fire Suppression

The Clayton vernal pools are located between Dennery Canyon and residential and educational developments. The site may be disrupted by fire suppression activities in the event of a canyon fire, and the developed nature of much of the surrounding areas would necessitate stringent fire-fighting measures.

Trespass

Trespass is generally limited to foot-traffic, although the area was historically impacted by off-road vehicles.

Litter

The site may be impacted by wind-blown trash and litter from trespassers.

Invasive Species

Invasive species, particularly grasses, occur in both upland and vernal pool habitats at Clayton.

St. Jerome's

Edge Effects

The site is adjacent to the conserved Clayton Parcel on the north boundary and by Otay Mesa Road to the south, Oceanview Hills Boulevard on the east, and housing development to the west. This site has potential threats from edge effects such as adjacent nonnative landscaping and trash accumulation.

Fire and Fire Suppression

The St. Jerome's vernal pools are located between Dennery Canyon and residential and educational developments. The site might be disrupted by fire suppression activities in the event of a canyon fire, and the developed nature of much of the surrounding area would necessitate stringent fire-fighting measures.

Trespass

Trespass is generally limited to foot traffic, as most of the access for illegal off-road activity has been eliminated.

Litter

The site may be impacted by wind-blown trash and litter from trespassers.

Topographic Disturbance

This complex has damage remaining from historical off-road activity that has affected the vernal pool hydrological functions, ponding characteristics, and flow patterns.

Invasive Species

Invasive species, particularly grasses, occur in both upland and vernal pool habitats at St. Jerome's.

Current Management Activities

Cal Terraces [North], Otay Mesa Road Parcels

The contractual obligations contained in the *Dennery Canyon Vernal Pool, Coastal Sage Scrub, and Mule Fat Scrub Restoration and Preservation Plan* (RECON 1997) has been fulfilled. As stated in the plan, upon establishment of a long-term management fund, the property and management obligation will be the responsibility of the City of San Diego.

As part of the project, the site has been fenced with permanent chain-link and off-road vehicle deterrent fencing and appropriate signage has been posted.

The contractual obligations contained in the *Otay Mesa Road Vernal Pool Mitigation Plan* (Helix 1998) and the Biological Opinion 1-6-97-F-20 have been fulfilled, including topographic reconstruction, fencing, and signage. The land is managed by the City Parks and Recreation Department.

The contractual obligations contained in the *City of San Diego Vernal Pool and Coastal Sage Scrub Restoration and Preservation Plan on Otay Mesa* (RECON 1998) have been fulfilled. Long-term maintenance will be performed as required, in accordance with natural open space maintenance procedures established by the City of San Diego.

As part of the project, the site has been fenced with permanent chain-link and appropriate signage has been posted.

Clayton Parcel

Stewardship management at Clayton is conducted by the City Parks and Recreation Department.

St. Jerome's

The draft *Vernal Pool, Habitat Planning, and Mitigation Plan* was prepared by J. Whalen Associates, Inc. in July 2008 for the proposed St. Jerome's Parish. The proposed project includes activities for on-site and off-site mitigation to restore and enhance vernal pools and permanent stewardship of restored pools.

Implementation of the draft *Vernal Pool, Habitat Planning, and Mitigation Plan* would require preparation of a Property Analysis Record (PAR) or equivalent analysis including assumptions that funds for restoration and enhancement would be provided by St. Jerome Parish as well as funding for the long-term management of restored vernal pools. The project is currently being reassessed and may or may not include a Catholic parish. Any revised or new proposal would require similar measures including a mitigation/restoration plan and a funded long-term management plan consistent with ESL, City's Biology Guidelines, and the VPHCP.

Vernal Pool HCP Management Requirements¹

Cal Terraces (North), Otay Mesa Road Parcels, Clayton Parcel

The following tasks in Management Level 1 are required for the site:

• Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.

St. Jerome's

This site is privately held and may seek development entitlement in the future. During the development entitlement process, the City will ensure the property owner implements the Management Recommendations as identified below.

¹ Action required as part of the VPHCP to ensure coverage of the seven focal species.

Management Recommendations²

Cal Terraces [North], Otay Mesa Road Parcels

As part of the restoration and management of these individual parcels, these sites have separate fencing that overlaps and restricts access and wildlife movement between the parcels. This internal fencing between the parcels is providing no benefit and should be removed to improve habitat connectivity and wildlife movement between the parcels.

Clayton Parcel

The following list of tasks are recommended for the site:

- Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.
- Conduct a dethatching program.
- Conduct Weed Control-3 (hand, mechanical and/or herbicide application).
- Conduct a seed collection/bulking program for *Eryngium aristulatum* and *Navarretia fossalis*. Under Management Level 3, off-site seed collection may be considered.
- Conduct cyst collection and inoculation as needed.
- Conduct container plant propagation and installation.
- Conduct topographic reconstruction where appropriate.

St. Jerome's

At a minimum, preparation of a management plan that includes all Management Level 1 activities would be required as part of the development entitlement approval process. Any impacts to the vernal pools, watersheds, and/or buffers, would require additional mitigation measures consistent with Management Level 3 discussed below and the City's Environmentally Sensitive Lands Regulations (ESL), Biology Guidelines, and VPHCP.

Management Level 3 and the following list of tasks are recommended for the complex:

² Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

- Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.
- Management Level 3 activities:
 - Conduct a dethatching program.
 - Conduct Weed Control-3 (hand, mechanical, and/or herbicide application).
 - Conduct a seed collection/bulking program. Under Management Level 3, off-site seed collection for Spreading navarretia (*N. fossalis*), Orcutt's grass (*O. californica*), San Diego button celery (*E. aristulatum*), and Otay Mesa mint (*P. nudiuscula*) may be considered.
 - Conduct cyst collection and inoculation for San Diego fairy shrimp (*B. sandiegonensis*) and Riverside fairy shrimp (*S. woottoni*) as needed.
 - Conduct container plant propagation and installation.
 - Conduct topographic reconstruction where appropriate.

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations *Complex Series J 37 (Topsail)*

Species-Specific Objectives:

1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego button celery (*Eryngium aristulatum* var. *parishii*) and Otay mesa mint (*Pogogyne nudiuscula*) within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP area and, in doing so, contribute to recovery of the species on a range-wide basis.

Management Level: TBD

Ownership: City of San Diego

Management Responsibility: City of San Diego Parks and Recreation Department

Management Goal:

The management goal for this complex is to maintain the habitat conditions and focal species population status by conducting all Management Level 1 recommended activities.

Complex Description

The Topsail vernal pool site (Complex Series J 37) is located southeast of the intersection of Topsail Lane and Dennery Road in the Ocean View Hills residential community of southern San Diego County. The Topsail vernal pools occur between a large residential development and conserved portions of Dennery Canyon, north of the Ocean View Hills and Hidden Trails vernal pool complex. This site is owned and managed by the City of San Diego Parks and Recreation Department; however, the existence of vernal pools within the sites was first observed in 2021, 3 years after the adoption of the VPHCP.

Ten vernal pools were mapped within the complex in 2023. During these baseline studies, the following species were observed within the Topsail complex: San Diego button celery and Otay mesa mint. No focused fairy shrimp surveys were conducted during the 2023 baseline studies.

Soils on the Topsail site include Olivenhain cobbly loam and Linne clay loam¹. Vegetation is open coastal sage scrub heavily disturbed by nonnative grasses that have also established within the vernal pools. Adjacent habitat and the service road leading to the pools is also disturbed habitat, mainly from nonnative forbs like black mustard (*Brassica nigra*).

Existing Conditions

The table below shows the updated baseline data (2023) from the City's vernal pool database baseline data (2023) for the Topsail complex:

	Site Name	% VP Conservation	Number of Pools	Surface Area of Pools (acres)	Focal Species Populations (# of pools) ¹	Focal Species Critical Habitat ¹
Project	Topsail	100	10	0.051	ERAR (3) PONU (2)	TBD
Baseline	Topsail	100	10	0.051	ERAR (3) PONU (2)	TBD

ERAR= Eryngium aristulatum var. parishii

PONU= Pogogyne nudiuscula

TBD = to be determined based on future surveys.

¹ No focused fairy shrimp surveys were conducted during the 2023 baseline update studies and therefore are not confirmed as absent at this time.

Threats

Edge Effects

The Topsail vernal pools are adjacent to residential development on the west side. Impacts may occur from litter, unauthorized access, dumping, and invasive species. Vehicular travel on the access road may contribute to the spread of invasive species.

Fire and Fire Suppression

The Topsail vernal pools are located between Dennery Canyon and residential neighborhoods. The site may be impacted as a result of emergency fire suppression activities in the event of a canyon fire from the presence of flash fuels, and the developed nature of the surrounding area would necessitate stringent fire-fighting measures.

¹ Data Basin Soil Survey Geographic (SSURGO) Database for San Diego County Dataset.

Trespass

Trespass is generally limited to foot traffic. Fencing is installed on the southern end of the site along the access road, and off-road vehicle activity from the northern end of the site is deterred by a gated service road.

Litter

The site may be impacted by wind-blown trash and litter from trespassers; nearby residential communities have limited occurrences of dumping.

Topographic Disturbance

Currently, no threats exist from topographic disturbance at this site.

Invasive Species

Nonnative invasive species were introduced through disturbance associated with off-road vehicle use followed by extensive construction activity associated with nearby residential complexes. Nonnative grasses and forbs are present throughout the complex, and these flash fuels may represent a threat to this site.

Current Management Activities

Stewardship management at Topsail is conducted by the City of San Diego Parks and Recreation Department.

Vernal Pool HCP Management Requirements²

No management actions required as part of the VPHCP until a management level is designated and funding becomes available.

Management Recommendations³

Management Level 1 and the following list of tasks are recommended for the site:

• Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.

² Action required as part of the VPHCP to ensure coverage of the seven focal species.

³ Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations *Complex Series M 5 (Seabird Way)*

Species-Specific Objectives:

- 1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego button celery (*Eryngium aristulatum* var. *parishii*) within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan Area, and, in doing so, contribute to recovery of the species on a range-wide basis.
- 2. Protect and manage existing vernal pool complexes and their associated watersheds currently occupied by San Diego fairy shrimp (*Branchinecta sandiegonensis*) within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP Plan area and, in doing so, contribute to recovery of these species on a range-wide basis.

Management Level: TBD

Ownership: City of San Diego

Management Responsibility: City of San Diego Parks and Recreation Department

Management Goal

The management goal for this complex is to maintain existing habitat conditions and focal species population status in order to conduct all Management Level 1 recommended activities.

Complex Description

The Seabird Way vernal pool site (Complex Series M 5) is located north of Seabird Way near the intersection with Sea Water Lane to the southeast. The creation and background of these pools are unknown, but it is expected that they resulted from the construction of a residential community in the area. These sites are owned and managed by the City of San Diego Parks and Recreation Department; however, the existence of vernal pools within the sites was first observed in 2019, during the first-year adoption of the VPHCP. Adjacent land use types include residential and transportation.

Thirty-nine vernal pools were mapped within the complex between 2019-2023. In 2019, limited fairy shrimp surveys were conducted and in 2023, covered plant species surveys were conducted (baseline studies). During the 2019 fairy shrimp surveys, the following species were observed: San Diego fairy shrimp. During the 2023 baseline studies, the following species were observed within Seabird Way: San Diego button celery. Subsequent fairy shrimp surveys following those conducted in 2019 were not performed during the 2023 baseline studies.

Soils on the Seabird Way site are Olivenhain cobbly loam¹. Prior to preservation and vernal pool restoration, the site was impacted by off-road vehicle use.

Existing Conditions

The table below includes the baseline data (2023) from the City's updated vernal pool database baseline data (2023) for the Seabird Way complex:

	Site Name	% VP Conservation	Number of Pools	Surface Area of Pools (acres)	Focal Species Populations (# of pools) ¹	Focal Species Critical Habitat ¹
Project	Seabird Way	100	39	0.69	ERAR (25) SDFS (2)	SDFS (2)
Baseline	Seabird Way	100	39	0.69	ERAR (25) SDFS (2)	SDFS (2)

ERAR= Eryngium aristulatum var. parishii

¹ Limited fairy shrimp surveys were conducted within 2 vernal pools in 2019. Focal plant species surveys were conducted during the 2023 baseline update, but no focused fairy shrimp surveys were conducted during the 2023 baseline update studies.

Threats

Edge Effects

The Seabird Way vernal pools are adjacent to residential development to the south. Impacts may occur from litter, unauthorized access, dumping, and invasive species. Indirect impacts from unauthorized access and illegal vegetation clearing have been noted.

Fire and Fire Suppression

Seabird Way is part of the larger Dennery Canyon open space system that may be subject to fire in the future. The sensitive species at this site have evolved in natural fire regimes and are not expected to be impacted in the case of fire.

¹ Data Basin Soil Survey Geographic (SSURGO) Database for San Diego County Dataset.

Trespass

The site is largely unfenced and is at risk from BMX bicycle activity and foot traffic.

Topographic Disturbance

There are currently no issues with topographic disturbance.

Invasive Species

The Seabird Way site is connected to the greater Dennery Canyon system where nonnative species, such as tocalote and crown daisy, have been observed.

Current Management Activities

Stewardship management at Seabird Way is conducted by the City Parks and Recreation Department.

Vernal Pool HCP Management Requirements²

No management actions required as part of the VPHCP until a management level is designated and funding becomes available.

Management Recommendations³

Management Level 1 and the following list of tasks are recommended for the site:

• Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.

² Action required as part of the VPHCP to ensure coverage of the seven focal species.

³ Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

City of San Diego VPMMP Vernal Pool Complex Evaluation and Management Recommendations *Complex Series J 37* (Ocean View Hills Parkway)

Species-Specific Objectives:

1. Protect and manage extant populations across the range of existing vernal pool complexes and their associated watersheds currently occupied by San Diego fairy shrimp (*Branchinecta sandiegonensis*) and Riverside fairy shrimp (*Streptocephalus woottoni*) within the Preserve to maximize the likelihood that existing occurrences are sustained in the VPHCP area and, in doing so, contribute to recovery of the species on a range-wide basis.

Management Level: TBD

Ownership: City of San Diego

Management Responsibility: City of San Diego Parks and Recreation Department

Management Goal:

The management goal for this complex is to maintain the habitat conditions and focal species population status by conducting all Management Level 1 recommended activities.

Complex Description

The Ocean View Hills Parkway vernal pool site (Complex Series J 37) is located northwest of the intersection of Ocean View Hills Parkway and Hidden Trails Drive in the Ocean View Hills residential community of southern San Diego County. The Ocean View Hills Parkway vernal pools occur between a large residential development and conserved portions of Dennery Canyon, south of the Topsail and north of the Hidden Trails vernal pool complex. This site is owned and managed by the City of San Diego Parks and Recreation Department; however, the existence of vernal pools within the sites was first observed in 2021, 3 years after the adoption of the VPHCP.

Nine vernal pools were mapped within the complex in 2023. During these baseline studies, no focal species were observed within the Ocean View Hills Parkway complex. However, focused
fairy shrimp surveys determined that San Diego fairy shrimp (*Branchinecta sandiegonensis*) and Riverside fairy shrimp (*Streptocephalus woottoni*) cysts were present within the pools.

Soils on the Ocean View Hills Parkway site include Olivenhain cobbly loam and Linne clay loam¹. Vegetation is open coastal sage scrub heavily disturbed by nonnative grasses that have also established within the vernal pools. Adjacent habitat and the service road leading to the pools is also disturbed habitat, mainly from nonnative forbs like black mustard (*Brassica nigra*).

Existing Conditions

The table below shows the updated baseline data (2023) from the City's vernal pool database baseline data (2023) for the Ocean View Hills Parkway complex:

	Site Name	% VP Conservation	Number of Pools	Surface Area of Pools (acres)	Focal Species Populations (# of pools)	Focal Species Critical Habitat
Project	Ocean View Hills Parkway	100	9	0.17	RFS (2) SDFS (1)	RFS SDFS
Baseline	Ocean View Hills Parkway	100	9	0.17	RFS (2) SDFS (1)	RFS SDFS

RFS= Riverside fairy shrimp

SDFS= San Diego fairy shrimp

TBD = to be determined based on future surveys.

Threats

Edge Effects

The Ocean View Hills Parkway vernal pools are adjacent to residential development on the west and north sides. Impacts may occur from litter, unauthorized access, dumping, and invasive species. Vehicular travel on the access road may contribute to the spread of invasive species.

Fire and Fire Suppression

The Ocean View Hills Parkway vernal pools are located between Dennery Canyon and residential neighborhoods. The site may be impacted as a result of emergency fire suppression activities in the event of a canyon fire from the presence of flash fuels, and the developed nature of the surrounding area would necessitate stringent fire-fighting measures.

¹ Data Basin Soil Survey Geographic (SSURGO) Database for San Diego County Dataset.

Trespass

Trespass is generally limited to foot traffic. Fencing is installed on either side of the service road and surrounds all of the pools within the complex. Off-road vehicle activity from the southern end of the site is deterred by a gated service road.

Litter

The site may be impacted by wind-blown trash and litter from trespassers; nearby residential communities have limited occurrences of dumping.

Topographic Disturbance

Currently, no threats exist from topographic disturbance at this site.

Invasive Species

Nonnative invasive species were introduced through disturbance associated with off-road vehicle use followed by extensive construction activity associated with nearby residential complexes. Nonnative grasses and forbs are present throughout the complex, and these flash fuels may represent a threat to this site.

Current Management Activities

Stewardship management at Ocean View Hills Parkway is conducted by the City of San Diego Parks and Recreation Department.

Vernal Pool HCP Management Requirements²

No management actions required as part of the VPHCP until a management level is designated and funding becomes available.

Management Recommendations³

Management Level 1 and the following list of tasks are recommended for the site:

• Conduct all Management Level 1 recommended activities, including targeting the serious invasive problems (plants or animals), trash removal, and other general management activities.

² Action required as part of the VPHCP to ensure coverage of the seven focal species.

³ Actions other than those required that may be implemented during the life of the VPHCP as funding becomes available.

Appendix C-1

2024 Vernal Pool Qualitative Monitoring and Management Datasheets

Fiscal Year: 2024	
Complex Name: Anderprises (J14)	
Planning Unit: South City or Othe	er? City Managing Department: Parks & Recreation
VPHCP Required Management and Monitori	ng Level: Level 1
Qualitative Monitoring Data	
Visit Date: 6/28/2024 Start Time: 4:	13 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no E	Days Since Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During V	<u>isit:</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	hing, Restoration/Revegetation, trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommen	adad
Additional Management Actions Recommen	
Notes: Annual weeds and grasses in and arou	und pools. Some old trash present.
Management Actions Compeleted	
Visit Date: 6/28/2024 Start Time: 4:	17 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed control, dethatch	hing
Notes: City staff performed weed control and	d dethatching.

Fiscal Year: 2024 Complex Name: Attisha Trust / California Crossing (J4	4-5)
Planning Unit: South City or Other? Other VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
Visit Date: 9/12/2023 Start Time: 3:05 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? absent	e Last Rain: 1-5 Fairy Shrimp Visible:
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, Restreecommended, accesscontrol	toration/Revegetation, sign install, fence install, trash pickup, Regular patrols
Other Management Needs: Additional Management Actions Recommended:	
Additional Management Actions Recommended:	control access. Annual weeds in and around pools. Some old trash present.
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co	control access. Annual weeds in and around pools. Some old trash present.
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen	control access. Annual weeds in and around pools. Some old trash present.
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u>	e Last Rain: 0 Fairy Shrimp Visible:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to convert Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since	
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent	
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to converse Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u>	e Last Rain: 0 Fairy Shrimp Visible:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to concern Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to concern Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs:	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to concern Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to co Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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?	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to concern Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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, Rest	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to conserve to the second sec	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Gate needed at Vista San Matias entrance to concern Visit Date: 11/30/2023 Start Time: 3:45 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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, Rest	e Last Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024

Complex Name: Attisha Trust / California Crossing (J4-5)

Management Actions Com	ipeleted
Visit Date: 9/15/2023	Start Time: 8:39 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching
Notes: Contracted crew pe	erformed weed control and dethatching.
Visit Date: 2/20/2024	Start Time: 8:51 AM
Surveyors: Jason Allen	
Action(s) Completed: restr	reveg, Weed control
Notes: Contracted crew pe	erformed restoration and weed control.

Planning Unit: Central City or Other? Oth	
VPHCP Required Management and Monitoring Lev	Yel: N/A
Qualitative Monitoring Data Visit Date: 1/24/2024 Start Time: 3:24 PM	1
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Sil Listed Plants Visible? absent	nce Last Rain: 1-5 Fairy Shrimp Visible: absent
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?	
	Restoration/Revegetation, fence install, Regular patrols recommended,
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs:	Restoration/Revegetation, fence install, Regular patrols recommended,
Management Needs: Weed control, dethatching, R accesscontrol	Restoration/Revegetation, fence install, Regular patrols recommended,
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended:	
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended:	
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored.	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AM Surveyors: Jason Allen	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u>	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u>	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u>	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash:	bols. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs:	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression:
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	bols. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Buffer: ongoing Invasive Species in Buffer: ongoing	bols. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? absent 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?	bols. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Management Needs: Weed control, dethatching, R accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po to be broken down and restored. Visit Date: 1/30/2024 Start Time: 10:30 AN Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin 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, R	ools. Trail skirts edge of pool. Fence installation needed. BMX track nearby needs M ince Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024

Complex Name: Calle de Vida East / Mission Trails Regional Park (Q2)

Minit Data 2/20/2024 Chart Time		
Visit Date: 2/20/2024 Start Time:	2:59 PIVI	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes	Days Since Last Rain: 0	Fairy Shrimp Visible: present
Listed Plants Visible? absent		
New and Ongoing Issues Observed During	<u>ı Visit:</u>	
Trash:	Tresspas	s/Unauthorized Use: ongoing
Damage to Fences and/or Signs:	Fire or D	amage from Fire Supression:
Invasive Species in Pool: ongoing	Damage	from Edge Effects:
Invasive Species in Buffer: ongoin	g Hydrolog	ical Impacts:
Other issues observed:		
Are other issues new or ongoing?	,	
Management Needs: Weed control, detha recommended, accesscontrol	tching, Restoration/Reveget	ation, fence install, Grading/Recontouring, Regular patrols
Other Management Needs:		
Additional Management Actions Recomm	iended:	
Notes: Annual weeds and grasses in and al pools.	round pools. Water in both p	ools. Fairy shrimp and tadpoles in pools. BMX track nearby
Visit Date: 4/5/2024 Start Time:	4:09 PM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes	Days Since Last Rain: 0	Fairy Shrimp Visible: present
Listed Plants Visible? present	5	
New and Ongoing Issues Observed During	y Visit:	
Trash:		s/Unauthorized Use: ongoing
Damage to Fences and/or Signs:	Fire or D	anaga from Fire Cupression.
		amage from Fire Supression:
с с с с с с с с с с с с с с с с с с с	Damage	amage from Fire Supression: from Edge Effects:
Invasive Species in Pool: ongoing	0	from Edge Effects:
о о о	0	
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoin Other issues observed:	ig Hydrolog	from Edge Effects:
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoin Other issues observed: Are other issues new or ongoing?	ig Hydrolog	from Edge Effects: ical Impacts:
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoin Other issues observed: Are other issues new or ongoing?	ig Hydrolog	from Edge Effects:
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoin Other issues observed: Are other issues new or ongoing?	ig Hydrolog	from Edge Effects: ical Impacts:
Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoin Other issues observed: Are other issues new or ongoing? Management Needs: Restoration/Reveget	g Hydrolog tation, dethatching, Weed co	from Edge Effects: ical Impacts:

Fiscal Year: 2024

Complex Name: Calle de Vida East / Mission Trails Regional Park (Q2)

Visit Date: 6/7/2024	Start Time: 7:51 AM		
	Start Hille. 7.51 Alvi		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no	Days Since Last I	Rain: >15	Fairy Shrimp Visible:
Listed Plants Visible? p	present		
New and Ongoing Issues Obser	rved During Visit:		
Trash:		Tresspass/Unau	thorized Use: ongoing
Damage to Fences and	d/or Signs:	Fire or Damage	from Fire Supression:
Invasive Species in Poo	ol: ongoing	Damage from Ec	dge Effects:
Invasive Species in Buf	ffer: ongoing	Hydrological Im	pacts:
Other issues observed	l:		
Are other issues new o	or ongoing?		
Management Needs: Weed con accesscontrol, fence install	ntrol, dethatching, Restoratio	n/Revegetation, C	Grading/Recontouring, Regular patrols recommended,
Other Management Needs:			
Additional Management Action	ns Recommended:		
Notes: Annual weeds and grass	ses in and around pools. BMX	activity near pool	s. Illegal access near pools.

Fiscal Year: 2024	
Complex Name: Calle de Vida West	
Planning Unit: Central City or Other? City VPHCP Required Management and Monitoring Level: N	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 9/20/2023 Start Time: 2:27 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since I Listed Plants Visible? present	Last Rain: 6-15 Fairy Shrimp Visible:
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, Resto	ration/Revegetation, trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools.	Irash present in some pools.
Visit Date: 12/12/2023 Start Time: 4:14 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ast Rain: >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, Resto	ration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and thatch present.	

Fiscal Year: 2024 Complex Name: Calle de Vida West Visit Date: 1/24/2024 Start Time: 3:02 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: 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, trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Pools filled with water. Button celery sprouting. Some trash present. Start Time: 10:15 AM Visit Date: 1/30/2024 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, Restoration/Revegetation Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Fairy shrimp in two pools. Button celery sprouting.

Fiscal Year: 2024 Complex Name: Calle de Vida West Visit Date: 2/20/2024 Start Time: 3:36 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 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, dethatching, Restoration/Revegetation, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some new trash present. Start Time: 4:29 PM Visit Date: 4/5/2024 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds present.

Fiscal Year: 2024

Complex Name: Calle de Vida West

Management Actions Compeleted

Visit Date: 9/20/2023 Start Time: 2:24 PM

Surveyors: Jason Allen

Action(s) Completed: Weed control, trash pickup

Notes: City staff performed weed control and trash pickup.

Fiscal Year: 2024		
FISUAL TEAL, ZUZ4		
Complex Name: Cal Terraces (North), Otay Mesa Roa	d 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: 10/17/2023 Start Time: 9:11 AM		
Surveyors: Jason Allen		
Site Conditions:		
	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: 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, dethatching, tras	sh pickup, Regular patrols recommended, gaterepair, Fence repair	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM	le of fence. Old trash in preserve. Gate was bent to access.	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM	le of fence. Old trash in preserve. Gate was bent to access.	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen	le of fence. Old trash in preserve. Gate was bent to access.	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u>	le of fence. Old trash in preserve. Gate was bent to access. re Last Rain: Fairy Shrimp Visible:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present		
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	e Last Rain: Fairy Shrimp Visible:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: trash pickup, Weed control, det	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash outsid Visit Date: 12/4/2023 Start Time: 10:54 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: new Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: trash pickup, Weed control, det Other Management Needs:	e Last Rain: Fairy Shrimp Visible: Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Fiscal Year: 2024

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

Visit Date: 1/25/2024 Start Time: 10:30 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: new	Tresspass/Unauthorized Use: 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: gaterepair, Weed control, dethatching	, trash pickup, Regular patrols recommended, accesscontrol
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools. Some	e pools filled with water. Some trash present
Visit Date: 1/25/2024 Start Time: 9:39 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: 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, trash pick	up, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notos, Annual woods and grasses in and around nools. Com	e pools filled with water. Button celery sprouting. Some old trash
I NOTES: ANNUAL WEEDS AND DEASSES IN AND AFOUND DOOR. SOME	2 DOOIS LIJIEG WITH WATEL, BUITON CEIELA SDLOTTING. SOME OIG TLASD

Fiscal Year: 2024

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

Visit Date: 2/8/2024 Start Time: 10:21 A	M		
Surveyors: Jason Allen			
Site Conditions:			
	ince Last Rain: 0	Fairy Shrimp Visible: present	
Listed Plants Visible? present			
New and Ongoing Issues Observed During Visit:			
Trash: new	Tresspass/L	Inauthorized Use:	
Damage to Fences and/or Signs: new		age from Fire Supression:	
Invasive Species in Pool: ongoing		m Edge Effects:	
Invasive Species in Buffer: ongoing	Hydrologica	Hydrological Impacts:	
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: Weed control, dethatching, g	jaterepair, trash pickup	, Regular patrols recommended	
Other Management Needs:			
Additional Management Actions Recommended:			
Notes: Annual weeds and grasses in and around po	ools. Swing gate has bee	en stolen. Pools overflowing with water. Some trash	
present.			
Visit Date: 2/13/2024 Start Time: 7:57 AM	1		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes Days S	ince Last Rain: 1-5	Fairy Shrimp Visible: present	
Listed Plants Visible? present			
New and Ongoing Issues Observed During Visit:			
Trash: ongoing		Inauthorized Use: ongoing	
Damage to Fences and/or Signs: new		age from Fire Supression:	
Invasive Species in Pool: ongoing	-	m Edge Effects:	
Invasive Species in Buffer: ongoing	Hydrologica	I Impacts:	
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: Weed control, dethatching, g	jaterepair, Regular patr	ols recommended, accesscontrol	
Other Management Needs:			
Additional Management Actions Recommended:			
Notes: Annual weeds and grasses in and around po celery sprouting. Fairy shrimp present in some poo		esent. Gate missing and needs to be replaced. Button	

Fiscal Year: 2024 Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Visit Date: 3/28/2024 Start Time: 4:24 PM				
Surveyors: Jason Allen				
Site Conditions:		Ester Chaires Mathle should		
5	nce Last Rain: 1-5	Fairy Shrimp Visible: absent		
Listed Plants Visible? present				
New and Ongoing Issues Observed During Visit:	T			
Trash:	•	nauthorized Use:		
Damage to Fences and/or Signs:		age from Fire Supression:		
Invasive Species in Pool: ongoing	0	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	egular patrols recomme	ended		
Other Management Needs:				
Additional Management Actions Recommended:				
5				
Notes: Annual weeds and grasses in and around po present in some pools. Visit Date: 3/29/2024 Start Time: 10:55 AN		is with tadpoles. Button celery and otay mesa mint		
Surveyors: Jason Allen	VI			
Site Conditions:				
	nce Last Rain: 1-5	Fairy Shrimp Visible: absent		
Listed Plants Visible? present				
New and Ongoing Issues Observed During Visit:	T			
Trash: ongoing		nauthorized Use:		
Damage to Fences and/or Signs:		age from Fire Supression:		
Invasive Species in Pool: ongoing	0	n Edge Effects:		
Invasive Species in Buffer: ongoing Other issues observed:	Hydrological	impacts:		
Are other issues new or ongoing?	nach nielum. Danulanna			
Management Needs: Weed control, dethatching, to	rash pickup, Regular pa	trois recommended		
Other Management Needs:				
Additional Management Actions Recommended:				
Notes: Annual weeds and grasses in and around po Button celery and otay mesa mint abundant.	ols. Water in some poo	ls. Some trash from street edge. Tadpoles in some pools.		

Fiscal Year: 2024

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

Visit Date: 4/9/2024 Start Time: 3:29 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Since	e Last Rain: 1-5	Fairy Shrimp Visible: absent
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit:		
Trash: ongoing	Tresspass/Ur	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, dethatching, tras	h pickup	
Other Management Needs:		
Additional Management Actions Recommended:		
	s. Some pools have wa	ater. Button celery and otay mesa mint abundant. Some
trash from street edge. Visit Date: 5/2/2024 Start Time: 3:41 PM		
Surveyors: Jason Allen		
Site Conditions: Ponded Water: yes Days Since	e Last Rain: 6-15	Fairy Shrimp Visible: absent
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit:		
Trash: new	Tresspass/Ur	nauthorized Use:
Damage to Fences and/or Signs:	•	ge from Fire Supression:
Invasive Species in Pool: ongoing		n Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological	
Other issues observed:	5 0	
Are other issues new or ongoing?		
Management Needs: Weed control, dethatching, tras	h pickup, Regular pat	rols recommended
Other Management Needs:		
Other Management Needs:		
Additional Management Actions Recommended:		
Notes: Annual weeds and grasses in and around pools	s. Some trash near roa	ad edge.
5		-

Complex Name: Cal Terraces (North). Otay Mesa Road Parcels (/2) Management Actions Competeted Visit Date: 776/2023 Start Time: 12:08 PM Surveyors: Jason Allen Action(s) Completed: Weed control, educational program tour, trash pickup Notes: City staff performed an educational program tour, trash pickup Notes: City staff performed an educational program tour, trash pickup and weed control. Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: Frash pickup, Fence repair Notes: City staff performed fence repair, fence install, trash pickup. Visit Date: 12/13/2023 Start Time: 9:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Gence repair, fence install, frash pickup. Visit Date: 12/12/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: City staff performed que control and dethatching. Visit Date: 2/12/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, fence and torun Notes: 2/12/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gate repair, 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair Action(s) Completed: gaterepair, a	Fiscal Year: 2024
Visit Date: 7/6/2023 Start Time: 12:08 PM Surveyors: Jason Allen Action(s) Completed: Weed control, educational program tour, trash pickup Notes: City staff performed an educational tour, trash pickup and weed control. Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/12/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair. Notes: City staff performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Nitis Date: 2/13/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: Start Time: 11:55 AM	Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)
Surveyors: Jason Allen Action(s) Completed: Weed control, educational program tour, trash pickup Notes: City staff performed an educational tour, trash pickup and weed control. Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: City staff performed fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Start Time: 7:54 PM Surveyors: Jason Allen Action(s) Completed: Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/0/2024 Start Time: 11:55 AM Surveyors: Jason Allen	Management Actions Compeleted
Action(s) Completed: Weed control, educational program tour, trash pickup Notes: City staff performed an educational tour, trash pickup and weed control. Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: Contracted crew performed fence repair and trash pickup. Visit Date: 12/14/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour.	Visit Date: 7/6/2023 Start Time: 12:08 PM
Notes: City staff performed an educational tour, trash pickup and weed control. Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: Contracted crew performed fence repair, and trash pickup. Visit Date: 12/13/2023 Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence Install, trash pickup Notes: Contracted crew performed fence repair, fence Installation and trash pickup. Visit Date: 12/13/2023 Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: Contracted crew performed fence repair. Visit Date: 2/13/2024 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching. Notes: Contracted crew performed weed control and dethatch	Surveyors: Jason Allen
Visit Date: 10/17/2023 Start Time: 9:06 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 21/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 1:55 AM Surveyors: Jason Allen	Action(s) Completed: Weed control, educational program tour, trash pickup
Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staft performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair. Notes: City staff performed fence repair. Notes: City staff performed fence repair. Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/12/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: Start Time: 11:55 AM	Notes: City staff performed an educational tour, trash pickup and weed control.
Action(s) Completed: Weed control, trash pickup, dethatching Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 8:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: Contracted crew performed fence repair. Visit Date: 12/13/2024 Start Time: 8:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: Weed control and program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour.	Visit Date: 10/17/2023 Start Time: 9:06 AM
Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control and dethatching. Visit Date: 2/17/2024 </td <td>Surveyors: Jason Allen</td>	Surveyors: Jason Allen
Visit Date: 12/4/2023 Start Time: 11:40 AM Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair. Notes: Contracted crew performed fence repair. Visit Date: 2/13/2024 Surveyors: Jason Allen Action(s) Completed: Fence repair. Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed	Action(s) Completed: Weed control, trash pickup, dethatching
Surveyors: Jason Allen Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen	Notes: Contracted crew performing weed control, dethatching and trash pickup.
Action(s) Completed: trash pickup, Fence repair Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair	Visit Date: 12/4/2023 Start Time: 11:40 AM
Notes: City staff performed fence repair and trash pickup. Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 12/13/2023 Start Time: 8:33 AM Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching. Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour. Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/2	Action(s) Completed: trash pickup, Fence repair
Surveyors: Jason Allen Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching. Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM <	Notes: City staff performed fence repair and trash pickup.
Action(s) Completed: Fence repair, fence install, trash pickup Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour.	Visit Date: 12/13/2023 Start Time: 8:33 AM
Notes: Contracted crew performed fence repair, fence installation and trash pickup. Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 12/15/2023 Start Time: 5:07 PM Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Action(s) Completed: Fence repair, fence install, trash pickup
Surveyors: Jason Allen Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Notes: Contracted crew performed fence repair, fence installation and trash pickup.
Action(s) Completed: Fence repair Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Visit Date: 12/15/2023 Start Time: 5:07 PM
Notes: City staff performed fence repair. Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 2/13/2024 Start Time: 8:24 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Action(s) Completed: Fence repair
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Notes: City staff performed fence repair.
Action(s) Completed: Weed control, dethatchingNotes: Contracted crew performed weed control and dethatching for Northern part of the preserve.Visit Date: 2/13/2024Start Time: 7:54 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatchingNotes: Contracted crew performed weed control and dethatching.Visit Date: 2/17/2024Start Time: 4:56 PMSurveyors: Jason AllenAction(s) Completed: gaterepair, educational program tourNotes: City staff performed gate repair/replacement and educational tour.Visit Date: 2/20/2024Start Time: 11:55 AMSurveyors: Jason AllenAction(s) Completed: gaterepair	Visit Date: 2/13/2024 Start Time: 8:24 AM
Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve. Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 2/13/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Action(s) Completed: Weed control, dethatching
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Notes: Contracted crew performed weed control and dethatching for Northern part of the preserve.
Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 2/17/2024 Start Time: 4:56 PM Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Visit Date: 2/13/2024Start Time: 7:54 AM
Notes: Contracted crew performed weed control and dethatching.Visit Date: 2/17/2024Start Time: 4:56 PMSurveyors: Jason AllenAction(s) Completed: gaterepair, educational program tourNotes: City staff performed gate repair/replacement and educational tour.Visit Date: 2/20/2024Start Time: 11:55 AMSurveyors: Jason AllenAction(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 2/17/2024Start Time: 4:56 PMSurveyors: Jason AllenAction(s) Completed: gaterepair, educational program tourNotes: City staff performed gate repair/replacement and educational tour.Visit Date: 2/20/2024Start Time: 11:55 AMSurveyors: Jason AllenAction(s) Completed: gaterepair	Action(s) Completed: Weed control, dethatching
Surveyors: Jason Allen Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Notes: Contracted crew performed weed control and dethatching.
Action(s) Completed: gaterepair, educational program tour Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Visit Date: 2/17/2024 Start Time: 4:56 PM
Notes: City staff performed gate repair/replacement and educational tour. Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Surveyors: Jason Allen
Visit Date: 2/20/2024 Start Time: 11:55 AM Surveyors: Jason Allen Action(s) Completed: gaterepair	Action(s) Completed: gaterepair, educational program tour
Surveyors: Jason Allen Action(s) Completed: gaterepair	Notes: City staff performed gate repair/replacement and educational tour.
Action(s) Completed: gaterepair	Visit Date: 2/20/2024Start Time: 11:55 AM
	Surveyors: Jason Allen
Notes: City staff performed gate repair.	Action(s) Completed: gaterepair
	Notes: City staff performed gate repair.

Fiscal Year: 2024	
Complex Name: Cal Terraces (North)), Otay Mesa Road Parcels (J2)
Visit Date: 2/23/2024 Start	Time: 2:42 PM
Surveyors: Jason Allen, Adam Skinne	ar an
Action(s) Completed: Weed control,	dethatching, Fence repair, gaterepair
Notes: Contracted crew performed v	veed control and dethatching. City staff performed fence and gate repair.
Visit Date: 3/14/2024 Start	Time: 2:01 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed control	
Notes: City staff performed weed co	ntrol.
Visit Date: 3/29/2024 Start	Time: 10:51 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed control	
Notes: Contracted crew performed v	veed control.
Visit Date: 4/9/2024 Start	Time: 3:28 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed control	
Notes: City staff performed weed co	ntrol.
Visit Date: 5/30/2024 Start	Time: 12:16 PM
Surveyors: Jason Allen	
Action(s) Completed: trash pickup	
Notes: Contracted crew performed t	rash pickup.
Visit Date: 6/6/2024 Start	Time: 8:44 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed control,	dethatching, trash pickup
Notes: Contracted crew performed v	veed control, trash pickup and dethatching.

Complex Name: Cal Terraces (South) (J14)	
Planning Unit: South City or Other? City VPHCP Required Management and Monitoring Leve	
Qualitative Monitoring Data	
Visit Date: 7/6/2023 Start Time: 3:15 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sin Listed Plants Visible? present	ce Last Rain: >15 Fairy Shrimp Visible:
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: dethatching, Weed control, tra	ash pickup
Additional Management Actions Recommended:	veeds present in and around pools.
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM	
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen	
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u>	
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present	
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present	
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	ce Last Rain: 6-15 Fairy Shrimp Visible: present
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: new	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: new 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: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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?	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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?	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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, Re	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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, trash pickup, Re	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: new 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: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: New trash blown in from the street. Annual w Visit Date: 1/19/2024 Start Time: 12:57 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sine Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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, Re Other Management Needs: Additional Management Actions Recommended:	ce Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: egular patrols recommended, dethatching und pools. Trash from street blown against fence and inside preserve. Bollard

Fiscal Year: 2024 Complex Name: Cal Terraces (South) (J14) Visit Date: 1/24/2024 Start Time: 9:00 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Fairy shrimp present in first pool near entrance. Some pools filled with water. Annual weeds and grasses in and around pools. Trash blown and washed in from street. Visit Date: 3/13/2024 Start Time: 11:18 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: 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: Annual weeds and grasses in and around pools. Some trash present. Button celery in many pools. Some tadpoles present.

Fiscal Year: 2024 Complex Name: Cal Terraces (South) (J14) Visit Date: 4/18/2024 Start Time: 2:04 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Water in some pools. Trash blown in from street. Visit Date: 4/25/2024 Start Time: 10:50 AM 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, dethatching, trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some trash blown in from street. Otay mesa mint and button celery present. Water in some pools.

Fiscal Year: 2024 Complex Name: Cal Terraces (South) (J14) Visit Date: 5/30/2024 Start Time: 3:41 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: >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: Damage from Edge Effects: Invasive Species in Buffer: Hydrological Impacts: new Other issues observed: Are other issues new or ongoing? Management Needs: Other Management Needs: Additional Management Actions Recommended: Notes: Illegal discharge into vernal pool. Trash at entrance. Management Actions Compeleted Visit Date: 8/10/2023 Start Time: 7:22 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performing weed control, dethatching and trash pickup. Visit Date: 1/25/2024 Start Time: 8:44 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup Notes: Contracted crew performed weed control and trash pickup. Visit Date: 3/13/2024 Start Time: 11:15 AM Surveyors: Jason Allen Action(s) Completed: Weed control, trash pickup Notes: City staff performed weed control and trash pickup. Visit Date: 4/25/2024 Start Time: 10:48 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, trash pickup and dethatching.

Fiscal Year: 2024	
Complex Name: Carmel Mountain (H38)	
Planning Unit: North City or Other? C VPHCP Required Management and Monitoring Le	
Qualitative Monitoring Data	
Visit Date: 9/21/2023 Start Time: 11:23	AM
Surveyors: Jason Allen	
Site Conditions:	
	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
Additional Management Actions Recommended	
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p	pools.
Other Management Needs: Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen	pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen	pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u>	pools. M
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days	pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present	pools. M
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	pools. PM Since Last Rain: 6-15 Fairy Shrimp Visible:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present	pools. M
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs:	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days 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	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days 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?	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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: Fence repair, Weed control	pools. PM Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 5/10/2024 Start Time: 2:54 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days 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?	pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024	
Complex Name: Carroll Canyon/Parkdale Carroll Can	yon (D5-8)
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
PHCP Required Management and Monitoring Level	: Level 1
Qualitative Monitoring Data	
Visit Date: 2/15/2024 Start Time: 1:37 PM	
Surveyors: Jason Allen	
Site Conditions:	a Lost Dein, (15 Feine Chrimen Vieible, present
Ponded Water: yes Days Since Listed Plants Visible? present	ce Last Rain: 6-15 Fairy Shrimp 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, Reg	gular patrols recommended
mint sprouting.	ls. Pools filled with water. Fairy shrimp in some pools. Button celery and mesa
1000 ± 10000 10000 10000	
Surveyors: Jason Allen	
Surveyors: Jason Allen <u>Site Conditions:</u>	ce Last Rain: 1-5 Fairy Shrimp Visible: present
Surveyors: Jason Allen <u>Site Conditions:</u>	ce Last Rain: 1-5 Fairy Shrimp Visible: present
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present	ce Last Rain: 1-5 Fairy Shrimp Visible: present
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present	ce Last Rain: 1-5 Fairy Shrimp Visible: present Tresspass/Unauthorized Use:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	Tresspass/Unauthorized Use:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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:
Surveyors: Jason Allen Site Conditions: Ponded Water: yes 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?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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, Reg	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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: Hydrological Impacts:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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, Reg Other Management Needs: Additional Management Actions Recommended:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: gular patrols recommended, trash pickup
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sind Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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, Reg Other Management Needs: Additional Management Actions Recommended:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024

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

Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Sin	nce 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, Re	egular patrols recommended	
Other Management Needs:		
0		
Additional Management Actions Recommended:		
Notes: Annual weeds and grasses in and around poo	ols. San Diego mesa mint and button celery are abundant.	
Visit Date: 6/28/2024 Start Time: 9:51 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Sine	nce Last Rain: >15 Fairy Shrimp Visible:	
Listed Plants Visible? present		
-	Tresspass/Unauthorized Use:	
New and Ongoing Issues Observed During Visit:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
New and Ongoing Issues Observed During Visit: Trash: new		
<u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
<u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Fire or Damage from Fire Supression: Damage from Edge Effects:	
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	Fire or Damage from Fire Supression: Damage from Edge Effects:	
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?	Fire or Damage from Fire Supression: Damage from Edge Effects:	
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, dethatching, Fen	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
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, dethatching, Fer Other Management Needs:	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
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, dethatching, Fen	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Fiscal Year: 2024	
Complex Name: Carroll Ca	nyon/Parkdale Carroll Canyon (D5-8)
Management Actions Com	peleted
Visit Date: 2/22/2024	Start Time: 10:21 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching, trash pickup
Notes: Contracted crew pe	erformed weed control, dethatching and trash pickup.
Visit Date: 3/1/2024	Start Time: 1:19 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control
Notes: Contracted crew pe	erformed weed control.
Visit Date: 5/6/2024	Start Time: 1:34 PM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control
Notes: City staff performed	d weed control.
Visit Date: 5/16/2024	Start Time: 5:12 PM
Surveyors: Jason Allen, Ad	am Skinner
Action(s) Completed: trash	n pickup
Notes: City staff performed	d trash pickup.
Visit Date: 6/28/2024	Start Time: 9:48 AM
Surveyors: Jason Allen	
Action(s) Completed: deth	natching, Weed control, trash pickup, Fence repair
Notes: City staff performed	d fence repair and trash pickup. Contracted crew performed weed control and dethatching.

Complex Name: Clayton Parcel (J2)	
Planning Unit: South City or Other? (City Managing Department: Parks & Recreation
PHCP Required Management and Monitoring L	evel: Level 1
Qualitative Monitoring Data	
Visit Date: 1/30/2024 Start Time: 3:19 P	M
Surveyors: Jason Allen	
Site Conditions:	
	Since Last Rain: 6-15 Fairy Shrimp Visible: present
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, Regular patrols recommended
Other Management Needer	
-	
-	1:
Other Management Needs: Additional Management Actions Recommended	
Additional Management Actions Recommended	l: pools. Many pools are holding water. Fairy shrimp in some pools.
Additional Management Actions Recommended	pools. Many pools are holding water. Fairy shrimp in some pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P	pools. Many pools are holding water. Fairy shrimp in some pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen	pools. Many pools are holding water. Fairy shrimp in some pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u>	pools. Many pools are holding water. Fairy shrimp in some pools.
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen Site Conditions:	pools. Many pools are holding water. Fairy shrimp in some pools. PM
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present	pools. Many pools are holding water. Fairy shrimp in some pools. PM
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present	pools. Many pools are holding water. Fairy shrimp in some pools. PM
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	pools. Many pools are holding water. Fairy shrimp in some pools. PM Since Last Rain: 6-15 Fairy Shrimp Visible: present
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing	pools. Many pools are holding water. Fairy shrimp in some pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs:	pools. Many pools are holding water. Fairy shrimp in some pools. PM Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	pools. Many pools are holding water. Fairy shrimp in some pools. 'M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days 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	pools. Many pools are holding water. Fairy shrimp in some pools. 'M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days 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?	pools. Many pools are holding water. Fairy shrimp in some pools. 'M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days 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	pools. Many pools are holding water. Fairy shrimp in some pools. PM Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days 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 Other Management Needs:	pools. Many pools are holding water. Fairy shrimp in some pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: , Restoration/Revegetation, trash pickup, Regular patrols recommended
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days 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?	pools. Many pools are holding water. Fairy shrimp in some pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: , Restoration/Revegetation, trash pickup, Regular patrols recommended
Additional Management Actions Recommended Notes: Annual weeds and grasses in and around p Visit Date: 1/30/2024 Start Time: 2:56 P Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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: Weed control, dethatching Other Management Needs: Additional Management Actions Recommended	pools. Many pools are holding water. Fairy shrimp in some pools. M Since Last Rain: 6-15 Fairy Shrimp Visible: present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: , Restoration/Revegetation, trash pickup, Regular patrols recommended

Fiscal Year: 2024 Complex Name: Clayton Parcel (J2) Visit Date: 5/2/2024 Start Time: 2:38 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some old trash.

Complex Name: Clayton Parcel (J2) Management Actions Compeleted Visit Date: 8/10/2023 Start Time: 10:29 AM Surveyors: Jason Allen
Visit Date: 8/10/2023 Start Time: 10:29 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 8/28/2023 Start Time: 8:35 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 9/6/2023 Start Time: 3:01 PM
Surveyors: Jason Allen
Action(s) Completed: dethatching, Weed control
Notes: City staff performed weed control and dethatching.
Visit Date: 12/13/2023 Start Time: 8:44 AM
Surveyors: Jason Allen
Action(s) Completed: restreveg
Notes: Contracted crew working on non-profit grant funded habitat restoration project.
Visit Date: 2/17/2024 Start Time: 5:15 PM
Surveyors: Jason Allen
Action(s) Completed: Graffiti removal on educational kiosk.
Notes: City staff performed graffiti removal on educational kiosk.
Visit Date: 5/2/2024 Start Time: 2:15 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 6/11/2024Start Time: 12:17 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2024 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: 2/22/2024 Start Time: 12:22 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: 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, gaterepair, Regular patrols recommended, Grading/Recontouring
Other Management Needs:
Additional Management Actions Recommended:
Notes: Annual weeds and grasses in and around pools. Section of fence missing where a gate should be added. Pools filled with water. No fairy shrimp or focal plants.
Visit Date: 4/25/2024 Start Time: 2:11 PM
Surveyors: Jason Allen
Site Conditions:
Ponded Water: noDays Since Last Rain: 6-15Fairy 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, Regular patrols recommended, accesscontrol
Other Management Needs:
Additional Management Actions Recommended:
Notes: Annual weeds and grasses in and around pools. Some trash present. Fence is open to the street and needs a gate installed to restrict access.

	4-26)
Planning Unit: North City or Other? City VPHCP Required Management and Monitoring Level:	Managing Department: Parks & Recreation Level 1
Qualitative Monitoring Data	
Visit Date: 8/17/2023 Start Time: 12:40 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? present	Last Rain: >15 Fairy Shrimp Visible:
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use: 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 Other issues observed:	Hydrological Impacts:
Are other issues new or ongoing?	
Notes: Continued issues with illegal trails through verna Visit Date: 9/21/2023 Start Time: 3:40 PM	al pools. Fences and signs damaged.
Surveyors: Jason Allen	
5	
Site Conditions:	
Site Conditions: Ponded Water: yes Days Since	Last Rain: 6-15 Fairy Shrimp Visible: absent
	Last Rain: 6-15 Fairy Shrimp Visible: absent
Ponded Water: yes Days Since Listed Plants Visible? present	Last Rain: 6-15 Fairy Shrimp Visible: absent
Ponded Water: yes Days Since Listed Plants Visible? present	Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: ongoing
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash:	Tresspass/Unauthorized Use: ongoing
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: ongoing	Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression:
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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, dethatching, Fence	Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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, dethatching, Fence maint	Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Ponded Water: yes Days Since Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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?	Tresspass/Unauthorized Use: ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024				
Complex Name: Del Mar Mesa (H 1-10, 13	-15, 18-23, 24-26)			
Visit Date: 10/5/2023 Start Time:	10:00 AM			
Surveyors: Andrew Kort				
Site Conditions:				
Ponded Water: no	Days Since Last	Rain: >15	Fairy Shrimp Visible:	
Listed Plants Visible? absent	5			
New and Ongoing Issues Observed During	<u>Visit:</u>			
Trash:		Tresspass/Una	uthorized Use: 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, Fence repair, sign replacement, dethatching				
Other Management Needa				
Other Management Needs: Additional Management Actions Recomm	andad			
Additional Management Actions Recomm	iended:			
Notes: Bike trail through pool. New development and ongoing construction 185 feet to the east; could restrict access and require				
alternative access to the south in the futur		sses in upland bu	iffer. No fence or signage around pool.	
Visit Date: 12/20/2023 Start Time:	1:36 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	<u>ı Visit:</u>			
Trash:			uthorized Use: ongoing	
Damage to Fences and/or Signs: ongoing		Fire or Damage from Fire Supression:		
Invasive Species in Pool:		Damage from E	0	
Invasive Species in Buffer:		Hydrological In	npacts:	
Other issues observed:				
Are other issues new or ongoing?				
recommended, enforcementcontrol, acces		ir, gaterepair, sig	n replacement, Grading/Recontouring, Regular patrols	
Other Management Needs:				
Additional Management Actions Recomm	nended:			
Notes: Tire tracks through pools. Fence an those on illegal trails.	d signs are damag	ed and need rep	air and replacement. Multiple contacts made with	

Fiscal Year: 2024 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Start Time: 9:08 AM Visit Date: 1/30/2024 Surveyors: Maya Mazon Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: 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: new Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Fence repair, accesscontrol Other Management Needs: Additional Management Actions Recommended: Weeding will occur 2x during wet season. Notes: Upland non-native cover is minimal. Bike trail use within and adjacent to pool. Moved some old branches and rocks in front of trail to redirect bike access away from the vernal pool. Visit Date: 2/19/2024 Start Time: 10:45 AM Surveyors: Andrew Kort Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 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: Damage from Edge Effects: Hydrological Impacts: Invasive Species in Buffer: Other issues observed: Are other issues new or ongoing? Management Needs: none Other Management Needs: Additional Management Actions Recommended: Notes: Pool 277 is inundated. No fairy shrimp observed. No new pools detected within parcel boundaries.

Fiscal Year: 2024				
Complex Name: Del Mar Mesa (H 1-10, 13	3-15, 18-23, 24-26)			
Visit Date: 3/7/2024 Start Time: 2:17 PM				
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: yes	Days Since Last Rain: 0 Fairy Shrimp Visible: absent			
Listed Plants Visible? present				
New and Ongoing Issues Observed During	g 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: ongoir	ng Hydrological Impacts:			
Other issues observed:				
Are other issues new or ongoing?	?			
Management Needs: Weed control, detha	atching, Regular patrols recommended, enforcementcontrol			
Other Management Needs:				
Additional Management Actions Recomn	nended:			
Notes: Pools are overflowing with water. Button celery is present in many pools. No fairy shrimp observed. Some weeds around the				
edges of some pools.				
Visit Date: 4/22/2024 Start Time:	: 9:30 AM			
Surveyors: Andrew Kort				
Site Conditions:				
Ponded Water: no	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Absent			
Listed Plants Visible? absent				
New and Ongoing Issues Observed During	g 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: none				
Other Management Needs:				
Additional Management Actions Recomm	nended:			
Notes: Very minimal weeds inside pool. Some grasses in buffer. Management action likely not necessary.				
Fiscal Year: 2024				
--	---			
Complex Name: Del Mar Mesa (H 1-10, 13-1	15, 18-23, 24-26)			
Visit Date: 5/1/2024 Start Time: 3	3:29 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 V	<u>/isit:</u>			
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, dethate accesscontrol, enforcementcontrol	ching, Restoration/Revegetation, Fence repair, Regular patrols recommended,			
Other Management Needs:				
Additional Management Actions Recomme	nded:			
Notes: Annual weeds and grasses in and aro	aund hooks. Fonce hoods renair			
Notes. Annual weeks and grasses in and a b	und pools. Fence needs repair.			
Visit Date: 5/14/2024 Start Time: 4	:28 PM			
Surveyors: Adam skinner				
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 V	<u>/isit:</u>			
Trash:	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	Hydrological Impacts:			
Other issues observed: Deep tire ru	its observed in some of the pools in the road.			
Are other issues new or ongoing? r	new			
Management Needs: Regular patrols recom	mended, Fence repair			
Other Management Needs:				
Additional Management Actions Recomme	nded: Continued watering of the recently planted laurel sumacs.			
	ruts, the pools look in good shape. Mostly dry with lots of button celery, some mesa I plant species present. Some invasive grasses but relevtively minimal.			

Visit Date: 5/22/2024 Start	t Time: 7:00 AM	
Surveyors: Andrew Kort		
Site Conditions:		
Ponded Water: no	Days Since Last Rain: >15	Fairy Shrimp Visible: Absent
Listed Plants Visible? abser	nt	
New and Ongoing Issues Observed	During Visit:	
Trash:	Tresspass	/Unauthorized Use:
Damage to Fences and/or	Signs: Fire or Da	mage from Fire Supression:
Invasive Species in Pool: or	ngoing Damage f	rom Edge Effects:
Invasive Species in Buffer:	ongoing Hydrolog	cal Impacts:
Other issues observed:		
Are other issues new or on	igoing?	
Management Needs: Weed control	, dethatching	
Other Management Needs:		
Additional Management Actions Re	ecommended:	

Fiscal Year: 2024	
Complex Name: Del Mar Mesa (H	I 1-10, 13-15, 18-23, 24-26)
Management Actions Compelete	d
•	art Time: 7:00 AM
Surveyors: Andrew Kort	
Action(s) Completed: Weed cont	rol, dethatching
	side pools: hand pull and line trim the top of vegetation, no ground disturbance. Outside pools: puffer. Hand rake vegetation inside and outside pools into burlap sacks for removal.
Visit Date: 7/28/2023 Sta	art Time: 2:32 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg resto	re site maint
Notes: City staff performed habita	at restoration site maintenance.
Visit Date: 8/17/2023 Sta	art Time: 12:29 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg resto	re site maint, accesscontrol
Notes: City staff performed restor	ration site maintenance and access control.
Visit Date: 9/21/2023 Sta	art Time: 3:38 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg resto	re site maint, Weed control
Notes:	
Visit Date: 12/19/2023 Sta	art Time: 11:45 AM
Surveyors: Jason Allen	
Action(s) Completed: restreveg	
Notes: City staff performed habita	at restoration.
Visit Date: 12/20/2023 Sta	art Time: 1:33 PM
Surveyors: Jason Allen	
Action(s) Completed: restreveg	
Notes: City staff performed habita	at restoration.
Visit Date: 5/1/2024 Sta	art Time: 4:20 PM
Surveyors: Jason Allen	
Action(s) Completed: restreveg	
Notes: City staff performed habita	at restoration planting.
Visit Date: 6/20/2024 Sta	art Time: 2:02 PM
Surveyors: Jason Allen, Adam Skir	nner
Action(s) Completed: reveg resto	re site maint, trash pickup
	ration site watering maintenance and trash pickup.
	art Time: 7:00 AM
Surveyors: Luis Cisneros	
Action(s) Completed: Weed contr	rol, dethatching
	rayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
	,

Fiscal Year: 2024 Complex Name: Dormouse	
Planning Unit: North City or Other? City VPHCP Required Management and Monitoring Level: 1	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 8/17/2023 Start Time: 2:32 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? present	Last Rain: >15 Fairy 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:	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, Resto	ration/Revegetation, Regular patrols recommended, sign install
Other Management Needs: Additional Management Actions Recommended:	
Notes: Annual native and non-native thatch in and arou	ind pools.
Visit Date: 9/21/2023 Start Time: 12:47 PM	
Surveyors: Jason Allen	
Site Conditions:	
	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?	
recommended	ration/Revegetation, Fence repair, gaterepair, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds in and around pools.	

Fiscal Year: 2024	
Complex Name: Dormouse	
Visit Date: 2/15/2024 Start Time:	12:33 PM
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: ongoin	
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Resto	ration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recomm	ended:
Notes: Annual weeds and grasses in and ar	ound pools. Some pools filled with water. Fairy shrimp present in some pools.
Notes. Annual weeks and grasses in and a	ound pools, some pools mied with water. Fairy simmip present in some pools.
Visit Date: 3/7/2024 Start Time:	12:50 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes	Days Since Last Rain: 0 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: ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control Resto	ration/Revegetation, Fence repair, gaterepair, Regular patrols recommended
management receas. weed control, Resto	
Other Management Needs:	
	ended:
Other Management Needs: Additional Management Actions Recomm	ended: round pools. Some pools filled with water. Button celery sprouting in some pools. Fairy

Fiscal Year: 2024	
Complex Name: Dormouse	
Visit Date: 3/14/2024 Start Time: 7:46 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since	e 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	
Notes: Annual weeds Visit Date: 5/24/2024 Start Time: 1:35 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? present	e Last Rain: >15 Fairy 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, dethatching, Rest	toration/Revegetation, Fence repair, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools	s. Fence needs repair.

Fiscal Year: 2024 Complex Name: Dormouse Visit Date: 6/20/2024 Start Time: 2:14 PM Surveyors: Jason Allen, Adam Skinner 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: 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 repair, gaterepair, trash pickup, Grading/Recontouring, Regular patrols recommended, enforcementcontrol, accesscontrol, sign replacement Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Bike tracks through vernal pools. Fences and signs damaged.

Fiscal Year: 2024
Complex Name: Dormouse
Management Actions Compeleted
Visit Date: 7/28/2023 Start Time: 12:22 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching, trash pickup
Notes: City staff performed weed control, dethatching and trash pickup.
Visit Date: 11/14/2023 Start Time: 10:50 AM
Surveyors: Jason Allen
Action(s) Completed: Dry season fairy shrimp surveys.
Notes: Performed dry season fairy shrimp surveys. Some new dumped trash.
Visit Date: 12/12/2023 Start Time: 11:17 AM
Surveyors: Jason Allen
Action(s) Completed: dethatching
Notes: Contracted crew performed dethatching.
Visit Date: 3/7/2024 Start Time: 12:41 PM
Surveyors: Jason Allen
Action(s) Completed: restreveg, dethatching, Weed control
Notes: City staff performed habitat restoration. Contracted crew performed weed control and dethatching.
Visit Date: 3/11/2024 Start Time: 2:16 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, restreveg
Notes: City staff performed weed control and habitat restoration planting.
Visit Date: 3/14/2024 Start Time: 7:39 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 6/20/2024Start Time: 2:44 PM
Surveyors: Jason Allen
Action(s) Completed: reveg restore site maint
Notes: City staff performed restoration site watering.

Fiscal Year: 2024 Complex Name: Fairbanks Highlands	
Planning Unit: North City or Other? C VPHCP Required Management and Monitoring Lo	
Qualitative Monitoring Data	
Visit Date: 2/15/2024 Start Time: 9:56 A	M
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Listed Plants Visible? absent	Since Last Rain: 6-15 Fairy Shrimp 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?	
pools, Regular patrols recommended, accesscont Other Management Needs: Additional Management Actions Recommended	l: pools. Thick grass thatch over whole area. Some old trash. Site needs gate installed rimp present in main road pool.
Surveyors: Jason Allen	141
Site Conditions:	Cines Lest Daire O Esime Christen Misible shout
Ponded Water: yes Days Listed Plants Visible? absent	Since Last Rain: 0 Fairy Shrimp 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:	nyurologicul impacts.
Are other issues new or ongoing?	
0 0	, Restoration/Revegetation, fence install, trash pickup, dump cleanup, Ilar patrols recommended
Other Management Needs:	
Additional Management Actions Recommended	l:
Notes: Annual weeds and grasses. Some pools fill	led. No fairy shrimp observed. No focal species observed.

Fiscal Year: 2024

Complex Name: Fairbanks Highlands

Management Actions Compeleted

Visit Date: 3/7/2024 Start Time: 9:20 AM

Surveyors: Jason Allen

Action(s) Completed: Weed control, dethatching

Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2024	
Complex Name: Goat Mesa (J16-18)	
Planning Unit: South City or Other? City	Managing Department: Public Utilities
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
Visit Date: 8/3/2023 Start Time: 1:25 PM	
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:	Tresspass/Unauthorized Use: ongoing
Damage to Fences and/or Signs:	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, dethatching, Resi	toration/Revegetation
Additional Management Actions Recommended: Notes: Annual weeds and grasses present in and arou	nd pools.
Visit Date: 9/1/2023 Start Time: 1:53 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? present	e Last Rain: 6-15 Fairy 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, dethatching, Resi	toration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Some annual weeds and grasses coming up aft	er the recent rains.

Fiscal Year: 2024	
Complex Name: Goat Mesa (J16-18)	
Visit Date: 9/26/2023 Start Time: 12:29 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sin	ce Last Rain: >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, Re	guiar patrois recommended
Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo Visit Date: 1/18/2024 Start Time: 1:04 PM	ils. Fences around pools all intact.
Surveyors: Jason Allen	
Site Conditions:	
-	ce 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?	estoration/Revegetation, Regular patrols recommended
ivianagement iveeus. weeu control, detriatching, Re	storation/Neveyetation, Regular patrois recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around poo	vls.

Complex Name: Goat Mesa (J16-18)		
Visit Date: 3/22/2024 Start Time: 7:00 AM		
Surveyors: Andrew Kort, Thomas Grigolite		
Site Conditions:		
Ponded Water: yes Days Sinc	e Last Rain: 6-15 Fairy Shrimp Visible: Present	
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: dethatching, Weed control		
Other Management Needs:		
Additional Management Actions Recommended:		
Authonar Management Actions Recommended.		
Notes: Observed RFS pool 1774. Most pools are dry.		
Visit Date: 5/2/2024 Start Time: 8:30 AM		
Surveyors: Andrew Kort		
Site Conditions:		
	e Last Rain: 6-15 Eairy Shrimn Visible: Absent	
5	E Last Rain: 6-15 Fairy Shrimp Visible: Absent	
Listed Plants Visible? present	e Last Rain: 6-15 Fairy Shrimp Visible: Absent	
5		
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash:	Tresspass/Unauthorized Use:	
Listed Plants Visible? present New and Ongoing Issues Observed During Visit:		
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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: Damage from Edge Effects:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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 Other Management Needs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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 Other Management Needs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	

Fiscal Year: 2024 Complex Name: Goat Mesa (J16-18) Visit Date: 5/15/2024 Start Time: 2:18 PM Surveyors: Amy M, Jonathan M Site Conditions: Ponded Water: no 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: Footprints in some of the pools. Photo showing pool 1775. Are other issues new or ongoing? new Management Needs: Weed control, Fence repair Other Management Needs: Additional Management Actions Recommended: Notes: Recommend 1. Wetland weeds in pools, 2. Invasives in pools, 3. invasives in uplands (eq. centaurea melitensis patches, and 4. Fence repair. Fence photo is near pool 1920. Noted footprints in some of the pool (photo pool 1775). Visit Date: 5/23/2024 Start Time: 2:00 PM Surveyors: Maya Mazon, Lee BenVau 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: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: new Fire or Damage from Fire Supression: Invasive Species in Pool: new Damage from Edge Effects: Invasive Species in Buffer: new Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Fence repair Other Management Needs: Additional Management Actions Recommended: Weed control scheduled for 3x during wet season. Notes:

Fiscal Year: 2024
Complex Name: Goat Mesa (J16-18)
Management Actions Compeleted
Visit Date: 7/3/2023 Start Time: 7:30 AM
Surveyors: Darin Busby, Andrew Kort
Action(s) Completed: Weed control, dethatching, trash pickup
Notes: Nest survey conducted. Inside pools: hand pull and line trim the top of vegetation, no ground disturbance. Outside pools: hand pull, line trim and herbicide in 3-20 ft buffer. Hand rake vegetation inside and outside pools into burlap sacks for removal.
Visit Date: 9/26/2023 Start Time: 12:26 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control
Notes: City staff performed weed control.
Visit Date: 10/3/2023 Start Time: 7:30 AM
Surveyors: Andrew Kort
Action(s) Completed: Weed control, dethatching
Notes: Inside pools: Hand pull and line trim, no ground disturbance. Outside pools: Hand pull, line trim, and herbicide. Vegetation placed into burlap sacks for removal.
Visit Date: 10/23/2023 Start Time: 9:46 AM
Surveyors: Jason Allen
Action(s) Completed: dethatching, Weed control
Notes: Contracted crew performing weed control and dethatching.
Visit Date: 1/18/2024 Start Time: 9:35 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control
Notes: City staff performed weed control.
Visit Date: 3/6/2024 Start Time: 9:01 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 4/12/2024 Start Time: 7:00 AM
Surveyors: Francisco Velasquez
Action(s) Completed: Weed control, dethatching
Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
Visit Date: 5/29/2024 Start Time: 7:00 AM
Surveyors: Francisco Velasquez
Action(s) Completed: Weed control, dethatching
Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.

Fiscal Year: 2024	
Complex Name: Greystone Torrey Highlands (H39)	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level	
Qualitative Monitoring Data	
Visit Date: 2/15/2024 Start Time: 11:27 AM	
Surveyors: Jason Allen	
Site Conditions:	
	ce 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, Re	gular patrols recommended
Other Management Needs:	
Other Management Needs: Additional Management Actions Recommended:	ls. Pools filled with water. Most pools have fairy shrimp. Button celery
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting.	ls. Pools filled with water. Most pools have fairy shrimp. Button celery
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting.	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. Management Actions Compeleted	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. Management Actions Compeleted Visit Date: 2/22/2024 Start Time: 11:45 AM	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. Management Actions Compeleted Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. Management Actions Compeleted Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM	ash pickup
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM Surveyors: Jason Allen	ash pickup d dethatching.
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching	ash pickup d dethatching.
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pool sprouting. <u>Management Actions Compeleted</u> Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and	ash pickup d dethatching.
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around poo sprouting. Management Actions Compeleted Visit Date: 2/22/2024 Start Time: 11:45 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, tra Notes: Contracted crew performing weed control and Visit Date: 2/22/2024 Start Time: 4:18 PM Surveyors: Jason Allen Action(s) Completed: add replace lock Notes: City staff added new lock to access the site. Visit Date: 4/15/2024 Start Time: 9:12 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and Visit Date: 5/17/2024 Start Time: 3:32 PM	ash pickup d dethatching.

Fiscal Year: 2024

Complex Name: Greystone Torrey Highlands

Management Actions Compeleted

Visit Date: 5/21/2024 Start Time: 8:47 AM

Surveyors: Jason Allen

Action(s) Completed: Weed control, dethatching

Notes: Contracted crew performed weed control and dethatching.

Complex Name: Hidden Trails (J31)	
Planning Unit:SouthCity or Other?CityVPHCP Required Management and Monitoring Level:Level 1	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 9/14/2023 Start Time: 11:00 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Last R Listed Plants Visible? present	ain: 1-5 Fairy Shrimp Visible:
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, trash picku	p
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some	trash present.
Visit Date: 2/14/2024 Start Time: 4:25 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since Last R Listed Plants Visible? present	ain: 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, dethatching, Restoration	n/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools. Fairy s	shrimp in some pools. Button celery sprouting.

Fiscal Year: 2024 Complex Name: Hidden Trails (J31) Start Time: 4:05 PM Visit Date: 2/24/2024 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Most pools filled with water. Fairy shrimp and tadpoles in some pools. Button celery sprouting in many pools. Start Time: 4:16 PM Visit Date: 5/30/2024 Surveyors: Jason Allen 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools.

Surveyors: Jason Allen Action(s) Completed: trash pickup Notes: City staff performed trash pickup. Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM	Fiscal Year: 2024	
Visit Date: 9/14/2023 Start Time: 11:19 AM Surveyors: Jason Allen Action(s) Completed: trash pickup Notes: City staff performed trash pickup. Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Complex Name: Hidden Tra	ils (J31)
Surveyors: Jason Allen Action(s) Completed: trash pickup Notes: City staff performed trash pickup. Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Management Actions Comp	eleted
Action(s) Completed: trash pickup Notes: City staff performed trash pickup. Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Visit Date: 9/14/2023	Start Time: 11:19 AM
Notes: City staff performed trash pickup. Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Surveyors: Jason Allen	
Visit Date: 9/19/2023 Start Time: 7:03 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Action(s) Completed: trash	pickup
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Notes: City staff performed	trash pickup.
Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Visit Date: 9/19/2023	Start Time: 7:03 AM
Notes: Contracted crew performed weed control and dethatching. Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Surveyors: Jason Allen	
Visit Date: 12/15/2023 Start Time: 3:23 PM Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Action(s) Completed: Weed	control, dethatching
Surveyors: Jason Allen Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Notes: Contracted crew per	formed weed control and dethatching.
Action(s) Completed: gaterepair Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Visit Date: 12/15/2023	Start Time: 3:23 PM
Notes: City staff performed gate repair. Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Surveyors: Jason Allen	
Visit Date: 6/11/2024 Start Time: 12:10 PM Surveyors: Jason Allen	Action(s) Completed: gatere	epair
Surveyors: Jason Allen	Notes: City staff performed	gate repair.
	Visit Date: 6/11/2024	Start Time: 12:10 PM
Action(s) Completed: Weed control, dethatching	Surveyors: Jason Allen	
i la	Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew performing weed control and dethatching.	Notes: Contracted crew per	forming weed control and dethatching.

Complex Name: Kearny Mesa Logistics (U19) Planning Unit: Central City or Other? Other Managing Department:
Diapping Unit: Contral City or Other? Other Managing Department:
Planning Unit: Central City or Other? Other Managing Department:
VPHCP Required Management and Monitoring Level: Level 1
Qualitative Monitoring Data
Visit Date: 9/28/2023 Start Time: 10:52 AM
Surveyors: Jason Allen
Site Conditions:
Ponded Water: noDays Since Last Rain: >15Fairy 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, sign install, trash pickup, Grading/Recontouring, Regular patrols recommended, accesscontrol
Other Management Needs:
Additional Management Actions Recommended:
Notes: Annual weeds and grasses in and around pools. Some trash present. Needs access control at dead end.
Visit Date: 1/30/2024 Start Time: 4:38 PM
Surveyors: Jason Allen
Site Conditions:
Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present
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:
Investor Consider in Duffers experies I believe to be been at
Invasive Species in Buffer: ongoing Hydrological Impacts:
Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Impacts:
Other issues observed:
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, dump cleanup, Regular patrols
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, dump cleanup, Regular patrols recommended
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, dump cleanup, Regular patrols recommended Other Management Needs:

Fiscal Year: 2024	
Complex Name: Cubic (U19)	
Visit Date: 2/12/2024 Start Time: 12	:56 PM
Surveyors: Jason Allen	
Site Conditions:	
	ays Since Last Rain: 1-5 Fairy Shrimp Visible: present
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Vi	<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	ning, Restoration/Revegetation, trash pickup, Regular patrols recommended
Visit Date: 4/10/2024 Start Time: 3:4	ind pools. Some old trash present. Fairy shrimp observed in some pools. 47 PM
Surveyors: Jason Allen	
Site Conditions:	
-	ays Since Last Rain: 1-5 Fairy Shrimp Visible: absent
Listed Plants Visible? present	
New and Ongoing Issues Observed During Vi	
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?	
0 0	ning, Restoration/Revegetation, dump cleanup, trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommen	ded:
	und pools. Water in large pool. Button celery, SD mesa mint present in two pools. Old

Complex Name: Cubic (U19)		
Visit Date: 4/24/2024 Start Time: 3:30 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Sin	ce Last Rain: 6-15	Fairy Shrimp Visible: absent
Listed Plants Visible? present		
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: ongoing	Damage from	Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological I	mpacts:
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, dethatching, Re	storation/Revegetation	, trash pickup, Regular patrols recommended
Notes: Annual weeds and grasses in and around noo	ls SD mesa mint and h	itton celery present
Visit Date: 5/16/2024 Start Time: 11:22 AM		utton celery present.
Surveyors: Jason Allen		utton celery present.
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u>		
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin		utton celery present. Fairy Shrimp Visible: absent
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present		
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	ce Last Rain: 6-15	Fairy Shrimp Visible: absent
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	ce Last Rain: 6-15 Tresspass/Una	Fairy Shrimp Visible: absent authorized Use:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs:	ce Last Rain: 6-15 Tresspass/Un: Fire or Damag	Fairy Shrimp Visible: absent authorized Use: Je from Fire Supression:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	ce Last Rain: 6-15 Tresspass/Un: Fire or Damag Damage from	Fairy Shrimp Visible: absent authorized Use: Je from Fire Supression: Edge Effects:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs:	ce Last Rain: 6-15 Tresspass/Un: Fire or Damag	Fairy Shrimp Visible: absent authorized Use: Je from Fire Supression: Edge Effects:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	ce Last Rain: 6-15 Tresspass/Un: Fire or Damag Damage from	Fairy Shrimp Visible: absent authorized Use: Je from Fire Supression: Edge Effects:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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 Tresspass/Un Fire or Damag Damage from Hydrological I	Fairy Shrimp Visible: absent authorized Use: le from Fire Supression: Edge Effects: mpacts:
Visit Date: 5/16/2024 Start Time: 11:22 AM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u> 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 Tresspass/Un Fire or Damag Damage from Hydrological I	Fairy Shrimp Visible: absent authorized Use: le from Fire Supression: Edge Effects: mpacts:

Complex Name: Cubic (U19)	
Visit Date: 6/26/2024 Start Time: 9:46 AM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	— (1) · · · · · · · · · · · · · · · · · · ·
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, Rest	toration/Revegetation, Regular patrols recommended
Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools.	
Management Actions Compeleted	
Jeneral Jeneral States Composition	
Visit Date: 1/31/2024 Start Time: 12:27 PM	
Visit Date: 1/31/2024 Start Time: 12:27 PM	h pickup, dump cleanup
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason Allen	
Visit Date: 1/31/2024 Start Time: 12:27 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trask	
Visit Date: 1/31/2024 Start Time: 12:27 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trask Notes: Contracted crew performed weed control, deth	
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AM	natching, trash and dump pickup.
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason Allen	h pickup
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashAction(s) Completed: Weed control, dethatching, trashVisit Date: 5/16/2024Visit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trash	h pickup
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weed	h pickup
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AM	h pickup
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason Allen	hatching, trash and dump pickup. h pickup d control, dethatching and trash pickup.
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching	hatching, trash and dump pickup. h pickup d control, dethatching and trash pickup.
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatchingNotes: Contracted crew performed weed control and contracted crew performed weed	hatching, trash and dump pickup. h pickup d control, dethatching and trash pickup.
Visit Date: 1/31/2024Start Time: 12:27 PMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: Contracted crew performed weed control, dethVisit Date: 5/16/2024Start Time: 11:06 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatching, trashNotes: City staff and contracted crew performed weedVisit Date: 6/27/2024Start Time: 8:34 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatchingNotes: Contracted crew performed weed control and contr	hatching, trash and dump pickup. h pickup d control, dethatching and trash pickup.

Fiscal Year: 2024 Complex Name: Kelton (NC)				
Planning Unit: South City	or Other? City	-	ng Department: Parks & Recreation	
VPHCP Required Management and I	Vionitoring Level: No	one		
Qualitative Monitoring Data				
	Time: 11:40 AM			
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: yes	Days Since La	ast Rain: 6-15	Fairy Shrimp Visible: absent	
Listed Plants Visible? absen				
New and Ongoing Issues Observed	During Visit:			
Trash:		•	nauthorized Use: ongoing	
Damage to Fences and/or S	0		age from Fire Supression:	
Invasive Species in Pool: on	0 0	0	n Edge Effects:	
Invasive Species in Buffer: ongoing		Hydrological	Impacts:	
Other issues observed:				
Are other issues new or on	0 0			
Management Needs: Weed control,	dethatching, Restora	ation/Revegetatic	n, Grading/Recontouring	
Other Management Needs:				
Additional Management Actions Re	commended:			
Notes: Annual weeds and grasses, so	ome water in one poc	ol.		
Management Actions Compeleted				
Visit Date: 4/2/2024 Start	Time: 7:39 AM			
Surveyors: Jason Allen				
Action(s) Completed: Weed control	dethatching			
Notes: Contracted crew performed	weed control and det	hatching.		
Visit Date: 4/4/2024 Start	Time: 8:21 AM			
Surveyors: Jason Allen				
Action(s) Completed: Weed control	dethatching			
Notes: Contracted crew performed	6	hatching.		
•		Ŭ		

Fiscal Year: 2024 Complex Name: Lake Murray (KK1)	
Planning Unit: CentralCity or Other? CityVPHCP Required Management and Monitoring Level:	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 12/5/2023 Start Time: 3:42 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? absent	Last Rain: 6-15 Fairy Shrimp Visible:
New and Ongoing Issues Observed During Visit:	
Trash:	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?	
patrols recommended	
Other Management Needs: Additional Management Actions Recommended:	stinkwort weed covering the whole site. Site needs fence and sign installation
Other Management Needs: Additional Management Actions Recommended:	stinkwort weed covering the whole site. Site needs fence and sign installatic
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s	stinkwort weed covering the whole site. Site needs fence and sign installatio
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration.	stinkwort weed covering the whole site. Site needs fence and sign installatic
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM	stinkwort weed covering the whole site. Site needs fence and sign installatic
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u>	stinkwort weed covering the whole site. Site needs fence and sign installation
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u>	
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since	
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent	
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u>	Last Rain: 1-5 Fairy Shrimp Visible:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: ongoing Damage to Fences and/or Signs:	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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?	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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/Reveg	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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/Reveg	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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/Reveg	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Other Management Needs: Additional Management Actions Recommended: Notes: Previously installed sign and post gone. Annual s and habitat restoration. Visit Date: 1/4/2024 Start Time: 3:12 PM Surveyors: Jason Allen <u>Site Conditions:</u> 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/Reveg Other Management Needs:	Last Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024 Complex Name: Lake Murray (KK1) Visit Date: 1/30/2024 Start Time: 11:12 AM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present 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, Restoration/Revegetation, fence install, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Fairy shrimp present in pool. Start Time: 5:04 PM Visit Date: 2/8/2024 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 Fairy Shrimp Visible: present Listed Plants Visible? absent 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, fence install, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pool. Fairy shrimp present. Some trash in pool.

Fiscal Year: 2024 Complex Name: Lake Murray (KK1) Start Time: 5:06 PM Visit Date: 2/29/2024 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 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, dethatching, Restoration/Revegetation, fence install, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses. Pool filled with water. No fairy shrimp. Visit Date: 3/27/2024 Start Time: 4:41 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Water in the pool, but drying up fast. Tadpoles in pool, but could not see well enough to identify. Button celery present.

Fiscal Year: 2024 Complex Name: Lake Murray (KK1) Visit Date: 4/5/2024 Start Time: 2:13 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 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, Restoration/Revegetation, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pool. Water in pool. Button celery present. Start Time: 3:11 PM Visit Date: 4/16/2024 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: 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 Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pool. A little water left in pool. Button celery present.

Fiscal Year: 2024 Complex Name: Lake Murray (KK1) Start Time: 4:43 PM Visit Date: 6/5/2024 Surveyors: Jason Allen 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, dethatching, Restoration/Revegetation, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pool. SD button celery and SD mesa mint present. Some new trash present. Start Time: 9:34 AM Visit Date: 6/18/2024 Surveyors: Jason Allen 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some new trash present. Button celery and SD mesa mint present.

mplex Name: Lake Murray (KK1) inagement Actions Compeleted sit Date: 12/18/2023 Start Time: 11:54 AM rveyors: Jason Allen tion(s) Completed: fence install, sign install, Weed control, dethatching otes: City staff performed weed control, dethatching, sign installation and fence installation. sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen tion(s) Completed: restreveg, Weed control
sit Date: 12/18/2023 Start Time: 11:54 AM rveyors: Jason Allen tion(s) Completed: fence install, sign install, Weed control, dethatching otes: City staff performed weed control, dethatching, sign installation and fence installation. sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen
rveyors: Jason Allen tion(s) Completed: fence install, sign install, Weed control, dethatching otes: City staff performed weed control, dethatching, sign installation and fence installation. sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen
tion(s) Completed: fence install, sign install, Weed control, dethatching otes: City staff performed weed control, dethatching, sign installation and fence installation. sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen
otes: City staff performed weed control, dethatching, sign installation and fence installation. Sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen
sit Date: 12/20/2023 Start Time: 3:57 PM rveyors: Jason Allen
rveyors: Jason Allen
tion(s) Completed: restreveg, Weed control
otes: City staff performed weed control and habitat restoration.
sit Date: 12/21/2023 Start Time: 1:26 PM
rveyors: Jason Allen
tion(s) Completed: restreveg, trash pickup, Weed control
otes: City staff performed habitat restoration, weed control and trash pickup.
sit Date: 3/8/2024 Start Time: 3:29 PM
rveyors: Jason Allen
tion(s) Completed: restreveg, fence install
tes: City staff performed restoration planting and fence installation.
sit Date: 4/3/2024 Start Time: 4:16 PM
rveyors: Jason Allen
tion(s) Completed: Weed control, dethatching
otes: City staff performed weed control and dethatching.
sit Date: 4/5/2024 Start Time: 2:06 PM
rveyors: Jason Allen
tion(s) Completed: restreveg
otes: City staff performed habitat restoration plant installation.
sit Date: 4/9/2024 Start Time: 11:13 AM
rveyors: Jason Allen
tion(s) Completed: Weed control
otes: City staff performed weed control.
sit Date: 6/6/2024 Start Time: 3:34 PM
rveyors: Jason Allen
tion(s) Completed: Weed control, dethatching, trash pickup, reveg restore site maint
otes: City staff performed weed control, dethatching, trash pickup and habitat restoration site maintenance.
sit Date: 6/21/2024 Start Time: 1:00 PM
rveyors: Adam Skinner
tion(s) Completed: reveg restore site maint
otes:

Planning Unit: North City or Other? City	y Managing Department: Parks & Recreation
/PHCP Required Management and Monitoring Lev	
Qualitative Monitoring Data	
Visit Date: 2/22/2024 Start Time: 12:36 PN	Λ
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Si	nce Last 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?	
Other Management Needs: Additional Management Actions Recommended:	ols. Pools filled with water. Only one pool with fairy shrimp. Most pools had
tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM	ols. Pools filled with water. Only one pool with fairy shrimp. Most pools had
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting.	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u>	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present	
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present <u>New and Ongoing Issues Observed During Visit:</u>	nce Last Rain: 6-15 Fairy Shrimp Visible: absent
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sin Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash:	nce Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use:
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around po tadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around potadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes 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: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around potadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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?	nce Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around potadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes 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: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around potadpoles. Mesa mint sprouting. Visit Date: 4/25/2024 Start Time: 2:02 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes 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?	nce Last Rain: 6-15 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:

Fiscal Year: 2024

Complex Name: Lopez Ridge (B7-8)

Management Actions Compeleted

Visit Date: 5/23/2024 Start Time: 10:45 AM

Surveyors: Jason Allen

Action(s) Completed: Weed control, dethatching

Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2024	
Complex Name: Marron Valley (MM1)	
Planning Unit:SouthCity or OtVPHCP Required Management and Monitor	
Qualitative Monitoring Data	
Visit Date: 3/21/2024 Start Time:	11:10 AM
Surveyors: Maya Mazon, Lee BenVau	
Site Conditions:	
Ponded Water: yes Listed Plants Visible? absent	Days Since Last Rain: >15 Fairy Shrimp Visible: absent
New and Ongoing Issues Observed During	<u>Visit:</u>
Trash: ongoing	Tresspass/Unauthorized Use: ongoing
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: new	Damage from Edge Effects:
Invasive Species in Buffer: new	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, dump	cleanup, trash pickup
Notes: Trash from migrant traveler are bec	
Visit Date: 3/29/2024 Start Time:	8:00 AM
Surveyors: Andrew Kort, Thomas Grigolite	
Site Conditions:	
Ponded Water: yes Listed Plants Visible? absent	Days Since Last Rain: 1-5Fairy Shrimp Visible: Absent
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, detha	tching
Other Management Needs:	
Additional Management Actions Recomm	ended:
Notes: Most pools dry.	

Fiscal Year: 2024	
Complex Name: Marron Valley (MM1)	
Visit Date: 5/3/2024 Start Time: 7:30	AM
Surveyors: Andrew Kort and Thomas Grigolite	
Site Conditions:	
Ponded Water: no Day:	s Since Last Rain: 6-15 Fairy Shrimp Visible: Absent
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit	<u>.</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, dethatching]
Other Management Needs:	
Additional Management Actions Recommender	d:
Notes:	
Visit Date: 5/17/2024 Start Time: 7:00	AM
Surveyors: Andrew Kort and Thomas Grigolite	
Site Conditions:	
	s Since Last Rain: >15 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, dethatching	3
Other Management Needs:	
Additional Management Actions Recommender	d:
U U U U U U U U U U U U U U U U U U U	
Notes:	

Fiscal Year: 2024 Complex Name: Marron Valley (MM1) Management Actions Compeleted Visit Date: 7/10/2023 Start Time: 7:30 AM Surveyors: Andrew Kort Action(s) Completed: Weed control, dethatching, trash pickup Notes: Nest survey conducted. Inside pools: hand pull and line trim the top of vegetation, no ground disturbance. Outside pools: hand pull and line trim in buffer. Hand rake vegetation inside and outside pools into burlap sacks for removal. Visit Date: 10/6/2023 Start Time: 7:30 AM Surveyors: Andrew Kort Action(s) Completed: Weed control, dethatching Notes: Outside pools: herbicide in buffer. Hand rake vegetation inside and outside pools into burlap sacks for removal. Visit Date: 4/12/2024 Start Time: 7:00 AM Surveyors: Francisco Velasquez Action(s) Completed: Weed control, dethatching Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools. Visit Date: 5/31/2024 Start Time: 7:00 AM Surveyors: Francisco Velasquez Action(s) Completed: Weed control, dethatching Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
Fiscal Year: 2024	
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: 9/15/2023 Start Time: 10:29 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since	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, Rest	toration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Additional Management Actions Recommended.	
Notes: Annual weeds and grasses in and around pools	after recent rains. Restoration site plants looking good.
Visit Date: 12/5/2023 Start Time: 1:38 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:	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, dethatching, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Some annual weeds coming up. Grass and dead	d thatch present.

Complex Name: Mission Trails Regional Park (Q2	2)	
Visit Date: 1/17/2024 Start Time: 1:49 F	PM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days	s Since Last Rain: >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 Other issues observed:	Hydrological Impacts:	
Are other issues new or ongoing? Management Needs: Weed control		
ivianagement Needs. Weed control		
Other Management Needs:		
Additional Management Actions Recommended	d:	
Notes: Annual weeds and grasses present.		
Visit Date: 1/24/2024 Start Time: 4:28 F	PM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days	s Since Last Rain: 1-5 Fairy Shrimp Visible: absent	
Ponded Water: yes Days Listed Plants Visible? absent	s Since Last Rain: 1-5 Fairy Shrimp Visible: absent	
5		
Listed Plants Visible? absent		
Listed Plants Visible? absent New and Ongoing Issues Observed During Visit:	<u>.</u>	
Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash:	Tresspass/Unauthorized Use:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: Hydrological Impacts:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: g, sign install, Regular patrols recommended	
Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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 Other Management Needs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: g, sign install, Regular patrols recommended d:	

Complex Name: Mission Trails Regional Park (Q2)		
Visit Date: 1/30/2024 Start Time: 12:21 PM	M	
Surveyors: Jason Allen		
Site Conditions:		
	ince Last Rain: 6-15 Fairy Shrimp Visible: present	
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 Other issues observed:	Hydrological Impacts:	
Are other issues new or ongoing?		
Management Needs: Weed control, Regular patrols	ls recommended	
	ool Pool filled with water. Fairy shrimp present	
Visit Date: 4/10/2024 Start Time: 2:15 PM	ool. Pool filled with water. Fairy shrimp present. 1	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u>	1	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir		
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent	1	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u>	ince Last Rain: 1-5 Fairy Shrimp Visible: absent	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash:	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs:	I ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool:	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer:	I ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Other issues observed:	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Other issues observed: Are other issues new or ongoing?	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Other issues observed: Are other issues new or ongoing?	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Other issues observed:	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Visit Date: 4/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: yes Days Sir Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Re	ince Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Fiscal Year: 2024	
Complex Name: Mission Trails Regional Park (Q2 Visit Date: 5/6/2024 Start Time: 2:35 P	
Surveyors: Jason Allen	
Site Conditions:	
5	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, dethatching	, Restoration/Revegetation, Regular patrols recommended
Notes: Annual weeds and grasses in and around Visit Date: 6/5/2024 Start Time: 4:13 P	
Surveyors: Jason Allen	
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:	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, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended	d:
Notes: Annual weeds and grasses in and around	pools.

Fiscal Year: 2024	
Complex Name: Mission Tra	ils Regional Park (Q2)
Management Actions Comp	eleted
Visit Date: 7/5/2023	Start Time: 12:46 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching, reveg restore site maint
Notes: City staff and volunte	eers performed weed control, dethatching and restoration site maintenance.
Visit Date: 10/23/2023	Start Time: 6:09 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg	restore site maint, educational program tour
Notes:	
Visit Date: 11/29/2023	Start Time: 12:25 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed	weed control.
Visit Date: 12/8/2023	Start Time: 11:21 AM
Surveyors: Jason Allen	
Action(s) Completed: restre	veg, Weed control, dethatching
Notes: Contracted crew perf	formed habitat restoration.

Fiscal Year: 2024	
Complex Name: Montgomery Field (N5-6)	
Planning Unit: Central City or Other?	City Managing Department: Airports
VPHCP Required Management and Monitoring L	
Qualitative Monitoring Data Visit Date: 2/27/2024 Start Time: 10:00	AN4
Surveyors: Frank Santana, Jason Allen, Sara Allen	
Site Conditions: Ponded Water: yes Days	Since Last Rain: 1-5 Fairy Shrimp Visible: wrong_time
Listed Plants Visible? wrong_time	s since Last Rain. 1-5 rairy shiring 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:	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 Management Needs: Additional Management Actions Recommended	d:
Additional Management Actions Recommended	
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were no	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs.
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were not Visit Date: 3/18/2024 Start Time: 8:40 A	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs.
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were no	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs.
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were not Visit Date: 3/18/2024 Start Time: 8:40 A	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs.
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u>	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs.
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time	e a hydrologic survey. We surveyed several pools in the northern region of the at spadefoot frogs. AM S Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were not Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u>	e a hydrologic survey. We surveyed several pools in the northern region of the at spadefoot frogs. AM Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash:	e a hydrologic survey. We surveyed several pools in the northern region of the at spadefoot frogs. AM Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time Tresspass/Unauthorized Use:
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs:	e a hydrologic survey. We surveyed several pools in the northern region of the at spadefoot frogs. AM Solution Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool:	e a hydrologic survey. We surveyed several pools in the northern region of the a spadefoot frogs. AM Solution Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: ongoing	e a hydrologic survey. We surveyed several pools in the northern region of the at spadefoot frogs. AM Solution Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were not Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: ongoing Other issues observed:	e a hydrologic survey. We surveyed several pools in the northern region of the a spadefoot frogs. AM Solution Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e a hydrologic survey. We surveyed several pools in the northern region of the ts spadefoot frogs. AM a Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were not Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: ongoing Other issues observed:	e a hydrologic survey. We surveyed several pools in the northern region of the ts spadefoot frogs. AM a Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing?	e a hydrologic survey. We surveyed several pools in the northern region of the ts spadefoot frogs. AM a Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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, reveg restor	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs. AM s Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time
Additional Management Actions Recommended Notes: Visit with the wildlife agencies to evaluate airport. Tadpoles were present but they were nor Visit Date: 3/18/2024 Start Time: 8:40 A Surveyors: Frank Santana <u>Site Conditions:</u> Ponded Water: yes Days Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: 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, reveg restor Other Management Needs:	e a hydrologic survey. We surveyed several pools in the northern region of the t spadefoot frogs. AM s Since Last Rain: 6-15 Fairy Shrimp Visible: wrong_time . Tresspass/Unauthorized Use: . Fire or Damage from Fire Supression: . Damage from Edge Effects:

Fiscal Year: 2024	nor edultative Monitoring and Management Actions
Complex Name: Montgome	ry Field (N5-6)
Management Actions Comp	eleted
Visit Date: 7/12/2023	Start Time: 9:24 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	control
Notes: Hand removal of Ditr	ichia graveolens (stinkwort) along a dirt perimeter road near vernal pools.
Visit Date: 8/15/2023	Start Time: 8:33 AM
Surveyors: Frank Santana ar	nd Jason Allen
Action(s) Completed: Weed	control
Notes: Management activiti on the roads nearest to verr Visit Date: 8/29/2023	es include hand and herbicide treatment of D. graveolens. We were not able to get all areas but focused nal pools. Start Time: 7:09 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	control
Notes: Hand removal of stin additional removal work us	kwort along the edge of the paved road leading to the FAA tower. None of them were flowering, still needed. Large numbers of plants are still present in openly mowed areas nearby.
Visit Date: 9/14/2023	Start Time: 7:00 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	
	kwort around FAA storage containers. Addressed the majority of large plants.
Visit Date: 10/5/2023	Start Time: 8:30 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	
Notes: Stinkwort removed b	
Visit Date: 10/9/2023	Start Time: 8:24 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	
	by hand in vernal pools and adjacent areas.
Visit Date: 10/16/2023	Start Time: 8:17 AM
Surveyors: Frank Santana	
Action(s) Completed: Weed	
	kwort along perimeter road and adjacent to vernal pools.
Visit Date: 3/28/2024	Start Time: 8:33 AM
Surveyors: Frank Santana	
Action(s) Completed: sign in	
Notes: Installed signs east of	f the air traffic control tower parking lot to discourage encroachment into the MHPA.

Fiscal Year: 2024 Complex Name: Nobel Drive (X5)	
Planning Unit: North City or Other? City VPHCP Required Management and Monitoring Level:	Managing Department: Parks & Recreation Level 1
Qualitative Monitoring Data	
Visit Date: 9/11/2023 Start Time: 12:01 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: 0 Fairy 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, dethatching, Res	toration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools	δ.
Visit Date: 12/6/2023 Start Time: 1:44 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e 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, dethatching, Res	toration/Revegetation
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools	5. Needs dethatching.

Complex Name: Nobel Drive (X5) Visit Date: 1/27/2024 Start Time: 4:09 PM Surveyors: Jason Allen Site Conditions: DevelopMentation Allen	
Surveyors: Jason Allen <u>Site Conditions:</u>	
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: 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, Regular patrols recommended	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools. Some pools filled with water. Small fairy shrimp in some pool	ols.
Visit Date: 3/6/2024 Start Time: 3:45 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since Last Rain: 0 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:	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Weeds and grasses. Some pools with water. No fairy shrimp observed. Some tadpoles.	

Fiscal Year: 2024 Complex Name: Nobel Drive (X5) Start Time: 1:01 PM Visit Date: 4/25/2024 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, dethatching, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. San Diego mesa mint present in some pools. Water in one pool. Visit Date: 6/10/2024 Start Time: 2:15 PM Surveyors: Jason Allen 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: 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, Regular patrols recommended, reveg restore site maint Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. San Diego mesa mint and Navarettia fossalis in a few pools. Some new trash on the ground.

Fiscal Year: 2024
Complex Name: Nobel Drive (X5)
Management Actions Compeleted
Visit Date: 9/12/2023 Start Time: 12:03 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: City staff performed weed control and dethatching.
Visit Date: 12/12/2023 Start Time: 10:30 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 12/13/2023 Start Time: 10:23 AM
Surveyors: Jason Allen
Action(s) Completed: Habitat Restoration
Notes: Contracted crew performed habitat restoration plant installation.
Visit Date: 3/6/2024 Start Time: 3:29 PM
Surveyors: Jason Allen
Action(s) Completed: restreveg
Notes: City staff performed restoration.
Visit Date: 6/10/2024 Start Time: 2:50 PM
Surveyors: Jason Allen
Action(s) Completed: Weed control, trash pickup
Notes: City staff performed trash pickup and weed control.

Fiscal Year: 2024 Complex Name: Ocean View Hills Parkway	
Planning Unit: South City or Other? City VPHCP Required Management and Monitoring Level: No	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 8/16/2023 Start Time: 9:37 AM Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since La Listed Plants Visible? absent	ast Rain: >15 Fairy 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, dethatching	
Other Management Needs: Additional Management Actions Recommended: Notes: Dense thatch layer of invasive grasses and annual	weeds cover the site.
Visit Date: 1/19/2024 Start Time: 8:12 AM	
Surveyors: Sara Allen	
Site Conditions:	
	ast 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: 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:	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	

Fiscal Year: 2024

Complex Name: Ocean View Hills Parkway

Management Actions Compeleted

Visit Date: 1/19/2024 Start Time: 8:07 AM

Surveyors: Sara Allen

Action(s) Completed: Weed control

Notes: RECON Environmental performed targeted herbicide applications and hand weeding to remove invasive plant species from vernal pools and buffer areas.

Fiscal Year: 2024	
Complex Name: Otay Lakes (K5)	
Planning Unit: South City or Other? City	Managing Department: Public Utilities
VPHCP Required Management and Monitoring Level:	Level 1
Qualitative Monitoring Data	
Visit Date: 7/17/2023 Start Time: 8:45 AM	
Surveyors: Jonathan Mercado	
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: 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, sign replacement,	trash pickup
Notes: Trash (food wrappers) was disposed off site.	
Visit Date: 3/26/2024 Start Time: 7:00 AM	
Surveyors: Andrew Kort, Thomas Grigolite	
Site Conditions:	
	Last Rain: 0Fairy Shrimp Visible: Absent
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	Traceness (Upputherized Lice)
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 Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: dethatching, Weed control	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: ERAR is present in several pools. Most pools are	dry.

Fiscal Year: 2024		
Complex Name: Otay Lakes (K5)		
Visit Date: 4/29/2024 Start Time: 8:00 /	AM	
Surveyors: Andrew Kort and Ron Rizo		
Site Conditions:		
Ponded Water: no Days	s Since Last Rain: 6-15	Fairy Shrimp Visible: Absent
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Un	nauthorized Use:
Damage to Fences and/or Signs:	Fire or Damag	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, dethatching	J	
Other Management Needs:		
Additional Management Actions Recommended	4.	
Notes: Management actions recently taken. Evid effective.	lence of weeding and detha	atching for some of the site. Management actions appea
Visit Date: 5/14/2024 Start Time: 2:48 F	Mc	
Surveyors: Amy M, Jonathan M		
Site Conditions:		
Ponded Water: no Days	s Since Last Rain: 6-15	Fairy Shrimp Visible: Absent
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Un	nauthorized Use:
Damage to Fences and/or Signs:	Fire or Damag	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, sign replace	ement	
Other Management Needs:		
Additional Management Actions Recommended whipped but no current management observed i		ols. Upland buffer of some of the pools were weed
Notes:		

Fiscal Year: 2024 Complex Name: Otay Lakes (K5) Visit Date: 5/15/2024 Start Time: 2:40 PM Surveyors: AmyM, JonathanM Site Conditions: Ponded Water: no 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: 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, sign replacement Other Management Needs: Additional Management Actions Recommended: Notes: Updating record: Recommend 1. Wetland weeds in pools (eg lythrum, polypogon, festuca perennis), 2. Invasives in pools, 3. invasives in uplands, and 4. Sign replacement. Management Actions Compeleted Visit Date: 9/25/2023 Start Time: 10:00 AM Surveyors: Amy Mattson Action(s) Completed: Weed control, dethatching Notes: Plants are dry except native shrubs and filaree (Erodium sp.). Crew is avoiding patches of vernal pool indicators, weed whipping dead plants, and spot treating filaree. Whipped material is collected with a leaf blower and removed for disposal. Start Time: 7:00 AM Visit Date: 4/13/2024 Surveyors: Luis Cisneros Action(s) Completed: Weed control, dethatching Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools. Visit Date: 6/7/2024 Start Time: 7:00 AM Surveyors: Francisco Velasquez Action(s) Completed: Weed control, dethatching Notes: Line trimmed and spot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.

Fiscal Year: 2024 Complex Name: Pasatiempo (KK2)	
Planning Unit: Central City or Other? City VPHCP Required Management and Monitoring Level	Managing Department: Parks & Recreation : Level 1
Qualitative Monitoring Data	
Visit Date: 8/29/2023 Start Time: 5:04 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ce Last Rain: 6-15 Fairy Shrimp Visible:
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, Res	storation/Revegetation, trash pickup, Regular patrols recommended
Additional Management Actions Recommended: Notes: Annual weed stinkwort present in and around	I some pools. Some new trash present.
Visit Date: 12/5/2023 Start Time: 3:20 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ce 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/Rev	egetation, trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds present. Weedy upland natives	encroaching into pools.

Fiscal Year: 2024	
Complex Name: Pasatiempo (KK2)	
Visit Date: 12/14/2023 Start Time: 2:21 I	PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days	s Since Last Rain: >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, Restoration	r/Revegetation, Regular patrols recommended
Other Management Needs:	
6	d.
Additional Management Actions Recommended	u.
Notes: Annual weeds in and around pools. Newl	y installed plants look good.
Visit Date: 1/4/2024 Start Time: 3:48 I	
Surveyors: Jason Allen	
Site Conditions:	
-	s Since 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: ongoir	
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, Weed contro	ol, dethatching, Restoration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended	d:
, v	
Notes: Weedy natives taking over some pools. A planted natives.	nnual weeds present. No water in pools after recent rain. Some herbivory on newly

Complex Name: Pasatiempo (KK2)		
Visit Date: 1/30/2024 Start Time: 11:44 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Since	e Last Rain: 6-15 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, dethatching, Rest	toration/Revegetation	
Other Management Needs:		
Additional Management Actions Recommended:		
Notes: Annual weeds and grasses in and around pools.	. One pool filled with water. No fairy shrimp present.	
Visit Date: 2/15/2024 Start Time: 4:39 PM		
Surveyors: Jason Allen		
Site Conditions:		
	e Last Rain: 1-5 Fairy Shrimp Visible: absent	
	e Last Rain: 1-5 Fairy Shrimp Visible: absent	
Ponded Water: yes Days Since	e Last Rain: 1-5 Fairy Shrimp Visible: absent	
Ponded Water: yes Days Since Listed Plants Visible? absent	e Last Rain: 1-5 Fairy Shrimp Visible: absent Tresspass/Unauthorized Use:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u>		
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash:	Tresspass/Unauthorized Use:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> Trash: Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: Damage from Edge Effects:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: Hydrological Impacts:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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: yesDays SinceListed Plants Visible? absentNew and Ongoing Issues Observed During Visit:Trash:Damage to Fences and/or Signs:Invasive Species in Pool: ongoingInvasive Species in Buffer: ongoingOther issues observed:Are other issues new or ongoing?Management Needs: Weed control, dethatching, Restored	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Ponded Water: yes Days Since Listed Plants Visible? absent <u>New and Ongoing Issues Observed During Visit:</u> 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, Resto Other Management Needs: Additional Management Actions Recommended:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Fiscal Year: 2024 Complex Name: Pasatiempo (KK2) Visit Date: 2/29/2024 Start Time: 5:17 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 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: 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: Fence repair, Weed control, Restoration/Revegetation, dethatching, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Two pools have water. No fairy shrimp. Start Time: 4:04 PM Visit Date: 3/8/2024 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 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, Restoration/Revegetation, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds around pools. Water in most pools. Button celery in one pool.

Complex Name: Pasatiempo (KK2)	
Visit Date: 3/28/2024 Start Time: 5:00 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Sinc	ce Last Rain: 1-5 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, Restoration/Reve	vegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Additional management Actions Recommended.	
Notes: Annual weeds in and around pools. One pool h	has a little water. Button celery and mesa mint present.
Visit Date: 4/16/2024 Start Time: 3:53 PM	
Surveyors: Jason Allen	
Site Conditions:	
	ce Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit:	
Tarah	Terror (Iller aller der diller
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Fire or Damage from Fire Supression: Damage from Edge Effects:
Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	Fire or Damage from Fire Supression:
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:
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: Hydrological Impacts:
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:
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: Hydrological Impacts:
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	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
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 Other Management Needs:	Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: estoration/Revegetation, Fence repair, Regular patrols recommended

Fiscal Year: 2024	
Complex Name: Pasatiempo (KK2)	
Visit Date: 4/25/2024 Start Time: 9:11 A	M
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,	, Restoration/Revegetation, Regular patrols recommended
Notes: Annual weeds in and around pools. SD me Visit Date: 5/9/2024 Start Time: 5:18 P Surgeon Allon	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Listed Plants Visible? present	Since Last Rain: 1-5 Fairy 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, dethatching,	, Restoration/Revegetation, Fence repair, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended	:
Notes: Annual weeds in and around pools. Buttor	n celery and SD mesa mint present.

Fiscal Year: 2024 Complex Name: Pasatiempo (KK2) Visit Date: 6/6/2024 Start Time: 4:10 PM Surveyors: Jason Allen 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: 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, dethatching, Restoration/Revegetation, Regular patrols recommended, Fence repair Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds in and around pools. SD button celery and SD mesa mint present. Management Actions Compeleted Visit Date: 9/14/2023 Start Time: 2:15 PM Surveyors: Jason Allen Action(s) Completed: Weed control, reveg restore site maint Notes: Contracted crew performed weed control and habitat restoration maintenance. Visit Date: 12/8/2023 Start Time: 11:35 AM Surveyors: Jason Allen Action(s) Completed: Weed control, restreveg Notes: Contracted crew performed habitat restoration and weed control. Visit Date: 3/8/2024 Start Time: 4:03 PM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: City staff performed restoration with seed dispersal. Visit Date: 4/18/2024 Start Time: 5:06 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: City staff performed weed control. Visit Date: 6/18/2024 Start Time: 8:59 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, reveg restore site maint Notes: Contracted crew performed weed control, dethatching and habitat restoration site watering.

Panning Unit: South City or Other? City Managing Department: Public Utilities //PHCP Required Management and Monitoring Level: Level 1 2ualitative Monitoring Data Visit Date: 7/17/2023 Start Time: 10:05 AM Surveyors: Jonathan Mercado 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: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: ongoing Hydrological Impacts: Other Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed Issues Control, dethatching, sign replacement Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed Issues	Fiscal Year: 2024	
UPHCP Required Management and Monitoring Level: Level 1 Dualitative Monitoring Data Visit Date: 7/17/2023 Start Time: 10:05 AM Surveyors: Jonathan Mercado Stre Conditions: Ponded Water: no Days Since Last Rain: >15 Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Trash: Trash: 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 Suffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Stree Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed Signs: Fire or Damage from Edge Effects: Listed Plants Visible? absent New and Ongoing Issues Observed: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Fire or Damage from Edge Effects:	Complex Name: Proctor Valley (R1)	
Qualitative Monitoring Data Visit Date: 7/17/2023 Start Time: 10:05 AM Surveyors: Jonathan Mercado Sthe Conditions: Ponded Water: no Days Since Last Rain: >15 File Conditions: Ponded Water: no Days Since Last Rain: >15 File Conditions: Ponded Water: no Days Since Last Rain: >15 File Conditions: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: ongoing File or Damage from File Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, sign replacement Other Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Stie Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent Tresspass/Unauthorized Use: Listed Plants Visible? absent New and Onqoing Issues Observed: Fire or Damage from Fire Supression: Invasive Species in Buffer: ongoing Jinvasive Specie	Planning Unit: South City or Other? City	Managing Department: Public Utilities
Visit Date: 7/17/2023 Start Time: 10:05 AM Surveyors: Jonathan Mercado <u>Site Conditions:</u> Ponded Water: no Days Since Last Rain: >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: 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 one wor ongoing? Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado <u>Site Conditions:</u> Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage for Finces and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Damage from Fire Supression: Invasive Species in Pool: Trash: Tresspass/Unauthorized Use: Damage for Fences and/or Signs: Fire or Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs:	VPHCP Required Management and Monitoring Level:	Level 1
Surveyors: Jonathan Mercado Stee Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? present New and Ongoing Issues Observed During Visit; Trash: Tras	Qualitative Monitoring Data	
Site Conditions; Pended Water: no Days Since Last Rain: >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: ongoing Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing 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: Are other issues new or ongoing? Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Ste Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent Tresspass/Unauthorized Use: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: Damage from Edge Effects: Invasive Species in Buffer: ongoing Damage from Edge Effects: Listed Plants Visible? absent New and Ongoing Issues Observed Damage from Edge Effects:	Visit Date: 7/17/2023 Start Time: 10:05 AM	
Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? present Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: ongoing File or Damage from Fire Supression: Dimage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Divasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Hydrological Impacts: Volter Management Needs: Additional Management Needs: Start Time: 8:53 AM Start Size Volter Management Size Species in Pool: ongoing Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Start Size Fairy Shrimp Visible: Listed Plants Visible? absent News and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: Fairy Shrimp Visible: Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent News and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: Ponded Water: no Damage to Fences and/or Signs: Fire	Surveyors: Jonathan Mercado	
Listed Plants Visible? present New and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: ongoing 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: Are other issues new or ongoing? Monagement Needs: Start Time: 8:53 AM Surveyors: Jonathan Mercado Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent Tresspass/Unauthorized Use: Invasive Species in Pool: ongoing Damage from Edge Effects: Damage to Fences and/or Signs: Fire or Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed:	Site Conditions:	
New and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: ongoing Fire or Damage from Edge Effects: Invasive Species in Pool: ongoing Damage from Edge Effects: Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Hydrological Impacts: Are other issues new or ongoing? Hydrological Impacts: Notes: Veed control, dethatching, sign replacement Other Management Needs: Start Time: 8:53 AM Surveyors: Jonade Namage Name Recdo Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Isted Plants Visible? absent Tresspass/Unauthorized Use: Site Orditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent Tresspass/Unauthorized Use: New and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: 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	Ponded Water: no Days Since	Last Rain: >15 Fairy Shrimp Visible:
Trash:Tresspass/Unauthorized Use:Damage to Fences and/or Signs: ongoingFire 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:Keed control, dethatching, sign replacementOther Management Needs:Start Time: 8:53 AMSurveyors:Start Time: 8:53 AMSurveyor		
Damage to Fences and/or Signs: ongoingFire 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 control, dethatching, sign replacementHydrological Impacts:Other Management Needs:Notes: Deteriorated sign needs replacemented:Notes: Deteriorated sign needs replacement and informative poster has been vandalized.Visit Date: 9/13/2023Start Time: 8:53 AMSurveyors: Jonathan MercadoStet Conditions:Ponded Water: noDays Since Last Rain: >15Pande do Species in Pool: ongoingDamage from Fire Supression:Invasive Species in Pool: ongoingDamage from Fire Supression:Invasive Species in Pool: ongoingDamage from Fire Supression:Invasive Species in Buffer: ongoingHydrological Impacts:Other issues observed:Are other issues new or ongoing?Management Needs: Weed control, dethatchingUther issues new or ongoing?Other Management Needs: Weed control, dethatchingUther issues new or ongoing?Other Management Needs: Weed control, dethatchingVerological Impacts:<	New and Ongoing Issues Observed During Visit:	
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 replacement Other Management Needs: Kanagement Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: 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 Damage from Edge Effects: Are other issues observed: Are other issues new or ongoing? Management Needs: Weed control, detha		
Invasive Species in Buffer: orgoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >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 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, dethatching Other Management Needs:		
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, sign replacement Other Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp 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 Other Management Needs: Uter Management Needs:		
Are other issues new or ongoing? Management Needs: Weed control, dethatching, sign replacement Other Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >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 Other Management Needs:		Hydrological impacts:
Management Needs: Weed control, dethatching, sign replacement Other Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >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 Other Management Needs:		
Other Management Needs: Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >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 Other Management Needs:		raplacament
Additional Management Actions Recommended: Notes: Deteriorated sign needs replacement and informative poster has been vandalized. Visit Date: 9/13/2023 Start Time: 8:53 AM Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >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 new or ongoing? Management Needs: Weed control, dethatching		
Surveyors: Jonathan Mercado Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: 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		native poster has been vandalized.
Site Conditions: Ponded Water: no Days Since Last Rain: >15 Fairy Shrimp Visible: Listed Plants Visible? absent Eisted Plants Visible? absent New and Ongoing Issues Observed During Visit: Tresspass/Unauthorized Use: 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 State St		
Ponded Water: noDays Since Last Rain: >15Fairy Shrimp Visible:Listed Plants Visible? absentNew and Ongoing Issues Observed During Visit:Trash:Tresspass/Unauthorized Use:Trash:Tresspass/Unauthorized Use: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:	-	
Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: Trash: Damage to Fences and/or Signs: 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, dethatching		Last Dain 15 Fairs Christen Visible
New and Ongoing Issues Observed During Visit:Trash:Tresspass/Unauthorized Use:Trash: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 control, dethatching		Last Rain: >15 Fairy Shrimp Visible:
Trash:Tresspass/Unauthorized Use: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 control, dethatchingOther Management Needs:		
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 control, dethatchingOther Management Needs:		Tresspass/Unauthorized Use:
Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching Other Management Needs:		
Invasive Species in Buffer: ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching Other Management Needs:	Invasive Species in Pool: ongoing	Damage from Edge Effects:
Are other issues new or ongoing? Management Needs: Weed control, dethatching Other Management Needs:	Invasive Species in Buffer: ongoing	
Management Needs: Weed control, dethatching Other Management Needs:	Other issues observed:	
Other Management Needs:	Are other issues new or ongoing?	
-	Management Needs: Weed control, dethatching	
-	Other Management Needs:	
	-	
	Additional Management Actions Recommended:	

Fiscal Year: 2024 Complex Name: Proctor Valley (R1) Visit Date: 2/13/2024 Start Time: 7:00 AM Surveyors: Andrew Kort Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: Present Listed Plants Visible? absent New and Ongoing Issues Observed During Visit: Trash: 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Fence repair Other Management Needs: Additional Management Actions Recommended: Notes: Most pools inundated. Versatile fairy shrimp identified in several pools. Weeds in and around pools. Barbed wire fence in need of repair in two locations next to each other (see attached map screenshot). Tadpole sp. observed, will identify next visit. Visit Date: 4/23/2024 Start Time: 8:00 AM Surveyors: Andrew Kort 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: 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, dethatching, Fence repair Other Management Needs: Additional Management Actions Recommended: Notes: Grasses and non-native forbs in pools and buffers. Damage to barbed wire fence. ERAR present.

Fiscal Year: 2024	
Complex Name: Proctor Valley (R1)	
Visit Date: 5/23/2024 Start Time: 8:00	MA C
Surveyors: Andrew Kort	
Site Conditions:	
	ys Since Last Rain: >15 Fairy Shrimp Visible: Absent
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visi	it:
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: none	
Other Management Needs:	
Additional Management Actions Recommend	ed:
Notes: Evidence of management actions recen	tly taken place. No management actions are recommended right now.
Management Actions Compeleted	
Visit Date: 2/17/2024 Start Time: 7:00	MA C
Surveyors: Francisco Velasquez	
Action(s) Completed: Weed control, dethatchi	ng
	tives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
Visit Date: 6/5/2024 Start Time: 7:00	
Surveyors: Francisco Velasquez	
Action(s) Completed: Weed control, dethatchi	na
	tives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
notes, eno triminoù and spot sprayoù hon-hat	aves within the vertal poor surrent hand parea non natives within vertal pools.

Complex Name: Pueblo Lands (North and	
Planning Unit: North City or O VPHCP Required Management and Monit	Other? CityManaging Department: Public Utilitiestoring Level: Level 1
Qualitative Monitoring Data	
Visit Date: 10/5/2023 Start Time	e: 11:35 AM
Surveyors: Andrew Kort	
Site Conditions:	
Ponded Water: no Listed Plants Visible? absent	Days Since Last Rain: >15 Fairy Shrimp Visible:
New and Ongoing Issues Observed Durin	ng Visit:
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoing	g Damage from Edge Effects:
Invasive Species in Buffer: ongoin	ing Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing	<u>]</u> ?
Management Needs: Weed control, deth	natching
Other Management Needs:	
on drive through access gate missing.	ls and in upland buffer, though reduced since last visit from management actions. City lo
Additional Management Actions Recommoderation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time	ls and in upland buffer, though reduced since last visit from management actions. City lo
Additional Management Actions Recommoderation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon	ls and in upland buffer, though reduced since last visit from management actions. City lo
Additional Management Actions Recommoderation Additional Management Actions Recommoderation Inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions:	ls and in upland buffer, though reduced since last visit from management actions. City lo
Additional Management Actions Recommoderation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon	ls and in upland buffer, though reduced since last visit from management actions. City lo
Additional Management Actions Recommodeling Notes: Non-native vegetation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Additional Management Actions Recommodeling Notes: Non-native vegetation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Additional Management Actions Recommodeling Notes: Non-native vegetation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed Durin	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use:
Additional Management Actions Recommendational Management Actions Recommendation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed Durin Trash:	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use:
Additional Management Actions Recommendational Management Actions Recommendation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed Durin Trash: Damage to Fences and/or Signs:	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: <u>ng Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Additional Management Actions Recommendational Management Actions Recommendation inside pools on drive through access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During Trash: Damage to Fences and/or Signs: Invasive Species in Pool: new	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended in the second se	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended in the initial problem of	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended and the second access gate missing. Visit Date: 1/30/2024 Start Time Surveyors: Maya Mazon Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed Durin Trash: Damage to Fences and/or Signs: Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing Management Needs: Weed control, add in	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended in the second se	Is and in upland buffer, though reduced since last visit from management actions. City la e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: J? replace lock
Additional Management Actions Recommended in the second se	Is and in upland buffer, though reduced since last visit from management actions. City lo e: 1:03 PM Days Since Last Rain: 6-15 Fairy Shrimp Visible: ng Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024		
Complex Name: Pueblo Lands (North and South) (I12)		
Visit Date: 2/8/2024 Start Time: 2:17 PM		
Surveyors: Maya Mazon		
Site Conditions:		
	ast Rain: 6-15	Fairy Shrimp Visible:
Listed Plants Visible? absent		
New and Ongoing Issues Observed During Visit:		
Trash: new	Tresspass/Una	uthorized 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 Ir	npacts:
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, add replace lock, ga	terepair, trash picku	qu
Other Management Needs:		
Additional Management Actions Recommended: Weed	ing scheduled for 3x	during rainy season.
Notes: City lock has been removed. Fence on adjacent pr	roperty has been cu	t. Many areas are ponded that are not documented as
vernal pools. No vernal pool species observed in new por		
Visit Date: 2/9/2024 Start Time: 12:00 PM		
Surveyors: Andrew Kort		
Site Conditions:		
Ponded Water: yes Days Since La	ast Rain: 0	Fairy Shrimp Visible: Absent
Listed Plants Visible? absent		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Una	uthorized Use:
Damage to Fences and/or Signs:	Fire or Damage	e from Fire Supression:
Invasive Species in Pool: ongoing	Damage from	Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Ir	npacts:
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: dethatching, Weed control, add re	place lock	
Other Management Needs:		
Additional Management Actions Recommended:		
Notes: Weeds in and around pools, mainly Erodium and		
evidence of spadefoot toads observed. Several new pool	s were identified are	ound existing pools. Lock missing on main entry gate.

Fiscal Year: 2024	
Complex Name: Pueblo Lands (North and S	
Visit Date: 4/22/2024 Start Time:	10:56 AM
Surveyors: Andrew Kort	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 6-15Fairy Shrimp Visible: Absent
Listed Plants Visible? absent	
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: ongoing	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, detha	tching
Additional Management Actions Recomm	lended:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time:	Erodium botrys in pools and Erodium botry and grasses in buffer.
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort	Erodium botrys in pools and Erodium botry and grasses in buffer.
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u>	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no	Erodium botrys in pools and Erodium botry and grasses in buffer.
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u>	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> Trash:	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> Trash: Damage to Fences and/or Signs:	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>I Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> Trash: Damage to Fences and/or Signs:	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>I Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> Trash: Damage to Fences and/or Signs: Invasive Species in Pool: ongoing Invasive Species in Buffer: ongoing Other issues observed:	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort <u>Site Conditions:</u> Ponded Water: no Listed Plants Visible? absent <u>New and Ongoing Issues Observed During</u> 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?	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:
Notes: Weeds in pools and buffer: mainly E Visit Date: 5/21/2024 Start Time: Surveyors: Andrew Kort Site Conditions: Ponded Water: no Listed Plants Visible? absent New and Ongoing Issues Observed During 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: dethatching, Weed c	Erodium botrys in pools and Erodium botry and grasses in buffer. 8:00 AM Days Since Last Rain: >15 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts: control

Fiscal Year: 2024	
Complex Name: Pueblo Lan	ds (North and South) (I12)
Management Actions Comp	eleted
Visit Date: 7/26/2023	Start Time: 8:45 AM
Surveyors: Andrew Kort	
Action(s) Completed: Weed	control, dethatching
	ed. Inside pools: hand pull and line trim the top of vegetation, no ground disturbance. Outside pools: 20 ft buffer. Hand rake vegetation inside and outside pools into burlap sacks for removal.
Visit Date: 2/7/2024	Start Time: 9:30 AM
Surveyors: Maya Mazon	
Action(s) Completed: add re	eplace lock
Notes:	
Visit Date: 3/4/2024	Start Time: 7:00 AM
Surveyors: Francisco Velasq	uez
Action(s) Completed: Weed	control, dethatching
Notes: Line trimmed and spe	ot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.
Visit Date: 6/25/2024	Start Time: 7:00 AM
Surveyors: Luis Cisneros	
Action(s) Completed: Weed	control, dethatching
Notes: Line trimmed and spe	ot sprayed non-natives within the vernal pool buffer. Hand pulled non-natives within vernal pools.

Fiscal Year: 2024		
Complex Name: Robinhood Ridge (J4-5)		
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Level		
Qualitative Monitoring Data		
Visit Date: 7/31/2023 Start Time: 8:22 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since Las	t 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?		
	ion/Revegetation, trash pickup, Regular patrols recommended, reveg	
restore site maint Other Management Needs:		
Additional Management Actions Recommended:		
Notes: Some annual weeds still alive. Most weeds are dead	d. Dethatching needed of annual native and non-native plants.	
Visit Date: 10/17/2023 Start Time: 10:50 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since Las	t Rain: >15 Fairy Shrimp Visible:	
Listed Plants Visible? present		
New and Ongoing Issues Observed During Visit: Trash: new	Tracepace // Inputherized Lice	
	Tresspass/Unauthorized Use: 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 Pool. ongoing	Hydrological Impacts:	
Other issues observed:	Tydrological impacts.	
Are other issues new or ongoing?		
	pair, Restoration/Revegetation, Regular patrols recommended	
Other Management Needs:		
Additional Management Actions Recommended:		
Additional management Actions (ccommended,		
Notes: Annual weeds present. Some old and new trash present. Fence needs repair.		
1		

Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5) Visit Date: 12/1/2023 Start Time: 4:15 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 0 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: Weed control, Restoration/Revegetation, Fence repair, Regular patrols recommended, trash pickup Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds present. Some new trash thrown over fence. Visit Date: 1/19/2024 Start Time: 3:05 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: 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? Management Needs: Weed control, dethatching, Fence repair, Regular patrols recommended, trash pickup, accesscontrol Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses present in and around pools. New trash in preserve. Fence damaged. Evidence of illegal trespass.

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)			
Visit Date: 2/13/2024 Start Time	: 10:59 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 Durin	g Visit:		
Trash: new	Tresspass/U	Tresspass/Unauthorized Use: ongoing	
Damage to Fences and/or Signs:	Fire or Dama	age from Fire Supression:	
Invasive Species in Pool: ongoing	Damage fror	mage from Edge Effects:	
Invasive Species in Buffer: ongoir	ng Hydrological	I Impacts:	
Other issues observed:			
Are other issues new or ongoing	?		
Management Needs: Weed control, detha	atching, Restoration/Revegetatic	on, Fence repair, trash pickup, Regular patrols	
Other Management Needs:			
Additional Management Actions Recomm	nended:		
Visit Date: 2/13/2024 Start Time Surveyors: Jason Allen	: 9:51 AM		
Site Conditions:			
Ponded Water: yes	Days Since Last Rain: 1-5	Fairy Shrimp Visible: absent	
Listed Plants Visible? present	Days on de Last Nam. To		
New and Ongoing Issues Observed Durin	a Visit:		
Trash: new		nauthorized Use:	
Damage to Fences and/or Signs:		age from Fire Supression:	
Invasive Species in Pool: ongoing		n Edge Effects:	
Invasive Species in Buffer: ongoir	-		
Other issues observed:	5 5 5		
Are other issues new or ongoing	?		
Management Needs: Weed control, detha	atching, Restoration/Revegetatic	on, Regular patrols recommended, trash pickup	
Other Management Needs:			
Additional Management Actions Recomm	nended:		
Notes: Annual weeds and grasses in and a	round pools. No fairy shrimp see	en. Button celery sprouting.	

Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5) Visit Date: 2/20/2024 Start Time: 9:00 AM 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Restoration/Revegetation, Weed control, dethatching Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some new trash present. Some pools filled with water. Button celery sprouting. Visit Date: 2/23/2024 Start Time: 11:29 AM Surveyors: Jason Allen, Adam Skinner 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: 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, dethatching, gaterepair, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some new trash present. Signs of illegal trespass. Most pools are filled with water. Pools have tadpoles and fairy shrimp. Button celery and otay mesa mint sprouting in pools.

Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5) Visit Date: 3/11/2024 Start Time: 4:40 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: ongoing Tresspass/Unauthorized Use: ongoing Damage to Fences and/or Signs: ongoing Fire or Damage from Fire Supression: Invasive Species in Pool: ongoing Damage from Edge Effects: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Fence repair, gaterepair, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some pools filled with water others dried out. Mesa mint and button celery present. Tadpoles in some pools. Start Time: 2:55 PM Visit Date: 3/14/2024 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, Restoration/Revegetation, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended:

Notes: Annual weeds and grasses present. Tadpoles. Button celery and mesa mint. Water in pools.

Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5) Visit Date: 3/28/2024 Start Time: 3:13 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: 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: Annual weeds and grasses in and around pools. One pool with water. Some tadpoles in pool. Button celery present. Start Time: 4:47 PM Visit Date: 4/4/2024 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds, some water, button celery, tadpoles.
Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5) Visit Date: 4/30/2024 Start Time: 4:24 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, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Otay mesa mint, button celery, spreading navarettia and Orcutts grass are present. Start Time: 1:08 PM Visit Date: 6/27/2024 Surveyors: Jason Allen 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools.

Fiscal Year: 2024
Complex Name: Robinhood Ridge (J4-5)
Management Actions Compeleted
Visit Date: 8/1/2023 Start Time: 10:53 AM
Surveyors: Jason Allen
Action(s) Completed: reveg restore site maint, Weed control
Notes: Contracted crew performing habitat restoration maintenance watering and weed control.
Visit Date: 8/16/2023 Start Time: 8:52 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching, trash pickup
Notes: Contracted crew performing weed control, dethatching and trash pickup.
Visit Date: 8/18/2023 Start Time: 8:33 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching, trash pickup
Notes: Contracted crew performed weed control, dethatching and trash pickup.
Visit Date: 8/25/2023 Start Time: 8:49 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 9/1/2023 Start Time: 11:24 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, reveg restore site maint
Notes: City staff performed weed control. Contracted crew performed restoration site maintenance.
Visit Date: 9/8/2023 Start Time: 1:36 PM
Surveyors: Jason Allen
Action(s) Completed: reveg restore site maint
Notes: Contracted crew performed restoration site maintenance.
Visit Date: 9/14/2023 Start Time: 10:54 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control, dethatching
Notes: Contracted crew performed weed control and dethatching.
Visit Date: 9/18/2023 Start Time: 8:05 AM
Surveyors: Jason Allen
Action(s) Completed: Weed control
Notes: Contracted crew performed weed control.
Visit Date: 9/22/2023 Start Time: 10:16 AM
Surveyors: Jason Allen
Action(s) Completed: reveg restore site maint
Notes: Contracted crew performed restoration site maintenance, weed control and dethatching.

Fiscal Year: 2024	
Complex Name: Robinhood Rid	ge (J4-5)
Visit Date: 11/15/2023 5	Start Time: 10:54 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed cor	ntrol
Notes: City staff performed wee	ed control.
Visit Date: 1/23/2024 S	Start Time: 2:03 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed cor	ntrol
Notes: City staff performed wee	ed control.
Visit Date: 1/24/2024 S	Start Time: 8:40 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed cor	ntrol, dethatching
Notes: Contracted crew perform	-
	Start Time: 9:20 AM
Surveyors: Jason Allen	
	ntrol, dethatching, trash pickup, dump cleanup
	ned weed control, dethatching and trash pickup.
	Start Time: 11:02 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed cor	
Notes: City staff performed wee	
	Start Time: 2:51 PM
Surveyors: Jason Allen, Adam Sk	
Action(s) Completed: Weed cor	5
	ned weed control. City staff performed weed control.
Visit Date: 3/4/2024 S Surveyors: Jason Allen	Start Time: 9:34 AM
5	
Action(s) Completed: restreveg Notes: City staff spread native p	
, , , ,	Start Time: 4:39 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed cor	atrol
Notes: City staff performed wee	
	Start Time: 2:53 PM
Surveyors: Jason Allen	
Action(s) Completed: restreveg	
Notes: City staff performed hab	itat restoration.
5 F	

Fiscal Year: 2024 Complex Name: Robinhood	Ridge (14-5)
Visit Date: 4/4/2024	Start Time: 10:52 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew perf	formed weed control and dethatching.
Visit Date: 4/4/2024	Start Time: 4:46 PM
Surveyors: Jason Allen	
Action(s) Completed: restrev	veg
Notes: City staff monitored (Dtay mesa mint and button celery transplants.
Visit Date: 6/6/2024	Start Time: 10:30 AM
Surveyors: Jason Allen	
Action(s) Completed: dethat	tching, Weed control
Notes: Contracted crew perf	formed weed control and dethatching.
Visit Date: 6/27/2024	Start Time: 12:42 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching
Notes: Contracted crew perf	formed weed control and dethatching.

Complex Name: SANDER (U15)	
Planning Unit: Central City or Other? City VPHCP Required Management and Monitoring Level: L	Managing Department: Public Utilities
Qualitative Monitoring DataVisit Date: 7/24/2023Start Time: 9:00 AM	
Surveyors: Charles Adams	
-	
Site Conditions: Ponded Water: no Days Since	Last Rain: >15 Fairy Shrimp Visible: absent
Listed Plants Visible? absent	Last Rain: >15 Fairy Shrimp Visible: absent
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: Weed control, trash pickup, Regi	ular patrols recommended, Fence repair
Other Management Needs:	
-	
Additional Management Actions Recommended:	
Additional Management Actions Recommended:	
Additional Management Actions Recommended:	prowing
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g	jrowing
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM	jrowing
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams	jrowing
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams	
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u>	
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since Listed Plants Visible? POAB, BROR	
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since Listed Plants Visible? POAB, BROR	
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u>	Last Rain: Fairy Shrimp Visible: present
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing?	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing? Management Needs: weed abatement, homeless enca	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing? Management Needs: weed abatement, homeless enca	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing? Management Needs: weed abatement, homeless enca	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recommended: Notes: Stinkwort (Dittrichia graveolens) was observed g Visit Date: 1/4/2024 Start Time: 8:00 AM Surveyors: Charles Adams Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR New and Ongoing Issues Observed During Visit: Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Are other issues new or ongoing? Management Needs: weed abatement, homeless enca Other Management Needs: Additional Management Actions Recommended:	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Visit Date: 2/23/2024 Start Time: 8:00 AM		
Surveyors: Charles Adams		
Site Conditions:		
Ponded Water: yes Days Since	Last Rain: Fairy Shrimp Visible: present	
Listed Plants Visible? POAB, BROR		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs: ongoing	Fire or Damage from Fire Supression:	
Invasive Species in Pool: new	Damage from Edge Effects:	
Invasive Species in Buffer: new	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: weed abatement, fence repair		
Other Management Needs:		
-		
Additional Management Actions Recommended:		
-		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present.		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present.		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams	Last Rain: Fairy Shrimp Visible: present	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u>	Last Rain: Fairy Shrimp Visible: present	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since	Last Rain: Fairy Shrimp Visible: present	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since Listed Plants Visible? POAB, BROR	Last Rain: Fairy Shrimp Visible: present Tresspass/Unauthorized Use: new	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u>		
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new	Tresspass/Unauthorized Use: new	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing	Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression:	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new	Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new	Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Remove upland shrub s	Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: weedling from vernal pool basin	
Additional Management Actions Recommended: Notes: Spadefoot toad tadpoles present. Visit Date: 3/26/2024 Start Time: 8:00 AM Surveyors: Charles Adams <u>Site Conditions:</u> Ponded Water: yes Days Since I Listed Plants Visible? POAB, BROR <u>New and Ongoing Issues Observed During Visit:</u> Trash: new Damage to Fences and/or Signs: ongoing Invasive Species in Pool: new Invasive Species in Buffer: new Other issues observed: Remove upland shrub s Are other issues new or ongoing?	Tresspass/Unauthorized Use: new Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts: weedling from vernal pool basin	

Fiscal Year: 2024 Complex Name: SANDER (U15) Visit Date: 4/18/2024 Start Time: 8:00 AM Surveyors: Charles Adams Site Conditions: Ponded Water: yes Days Since Last Rain: Fairy Shrimp Visible: absent 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: new Damage from Edge Effects: Invasive Species in Buffer: new Hydrological Impacts: Other issues observed: Remove upland shrub from VP Are other issues new or ongoing? Management Needs: weed abatement, fence repair, trash removal Other Management Needs: Additional Management Actions Recommended: Fence repair scheduled for July 2024 Notes: Management Actions Compeleted Visit Date: 7/26/2023 Start Time: 9:00 AM Surveyors: Jade Woll Action(s) Completed: handweeding pool, dethatch pool, linetrimmed buffer, Fence repair pools Notes: Visit Date: 7/28/2023 Start Time: 9:00 AM Surveyors: Jade Woll Action(s) Completed: handweeding pool, linetrimmed buffer Notes:

Fiscal Year: 2024 Complex Name: Seabird Way	
Planning Unit:SouthCity or Other? CityVPHCP Required Management and Monitoring Level:	Managing Department: Parks & Recreation None
Qualitative Monitoring Data	
Visit Date: 9/14/2023 Start Time: 12:23 PM Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since Listed Plants Visible? present	e Last Rain: 1-5 Fairy Shrimp Visible:
New and Ongoing Issues Observed During Visit:	
Trash: new	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression: new
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, tras	sh pickup
Other Management Needs:	
Additional Management Actions Recommended:	
Additional Management Actions Recommended.	
Notes: Illegal brush management into City property by	y HOA. Annual weeds and grasses in and around pools. Some trash present.
Visit Date: 2/13/2024 Start Time: 2:34 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e 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, dethatching, Reg	ular patrols recommended, trash pickup
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools	s. Fairy shrimp in some pools. Button celery sprouting. Some trash present.

Fiscal Year: 2024		
Complex Name: Seabird Way		
Visit Date: 3/4/2024 Start Time	8:24 AM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes	Days Since Last Rain: 0	Fairy Shrimp Visible: absent
Listed Plants Visible? present	5	
New and Ongoing Issues Observed Durin	g Visit:	
Trash:	Tresspass/	Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Dan	nage from Fire Supression:
Invasive Species in Pool: ongoing	Damage fro	om Edge Effects:
Invasive Species in Buffer: ongoin	ng Hydrologic	al Impacts:
Other issues observed:		
Are other issues new or ongoing	2	
Management Needs: Weed control, deth	atching	
Other Management Needs:		
Additional Management Actions Recomm	hended.	
fairy shrimp seen during this visit.		with water. Button celery is abundant in many pools. No
Visit Date: 4/4/2024 Start Time	4:01 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 Durin		
Trash: ongoing		Unauthorized Use:
Damage to Fences and/or Signs:		nage from Fire Supression:
Invasive Species in Pool: ongoing	0	om Edge Effects:
Invasive Species in Buffer: ongoin	ng Hydrologic	al Impacts:
Other issues observed:		
Are other issues new or ongoing		
Management Needs: Weed control, deth	atoning, Restoration/Revegetat	ion, Regular patrois recommended
Other Management Needs:		
Additional Management Actions Recomm	nended:	
Notes: Annual weeds and grasses in and a	round pools. Some pools have	some water. Button celery abundant.

Fiscal Year: 2024

Complex Name: Seabird Way

Management Actions Com	npeleted
Visit Date: 3/4/2024	Start Time: 8:22 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	ed control, dethatching
Notes: Contracted crew pe	erforming weed control and dethatching.
Visit Date: 4/4/2024	Start Time: 4:05 PM
Surveyors: Jason Allen	
Action(s) Completed: rest	reveg
Notes: Transplanted Otay	mesa mint.

Fiscal Year: 2024 Complex Name: Serra Mesa Library (N7)
Planning Unit: CentralCity or Other? CityManaging Department: Parks & RecreationVPHCP Required Management and Monitoring Level: Level 1
Qualitative Monitoring Data
Visit Date: 9/7/2023 Start Time: 10:47 AM
Surveyors: Jason Allen
Site Conditions:
Ponded Water: noDays Since Last Rain: >15Fairy 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, dethatching, Restoration/Revegetation, trash pickup, Regular patrols recommended, reveg
restore site maint
Other Management Needs:
Additional Management Actions Recommended:
Notes: Annual weeds and grasses in and around pools after recent rain. Trash present.
Visit Date: 12/11/2023 Start Time: 2:25 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, trash pickup, Regular patrols recommended
Other Management Needs:
Additional Management Actions Recommended:
Notes: Annual weeds present and thatch. Some trash present. Planned areas for upcoming habitat restoration.

Fiscal Year: 2024 Complex Name: Serra Mesa Library (N7) Visit Date: 1/26/2024 Start Time: 9:15 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: 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some pools filled with water. One button celery sprouting in a pool. Some new and old trash. Visit Date: 1/30/2024 Start Time: 9:29 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Fairy shrimp present in one pool. Button celery in one pool. Trash and debris present.

Fiscal Year: 2024 Complex Name: Serra Mesa Library (N7) Visit Date: 2/8/2024 Start Time: 2:58 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 0 Fairy Shrimp Visible: absent 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, trash pickup, Regular patrols recommended Other Management Needs:

Additional Management Actions Recommended:

Notes: Annual weeds and grasses present in and around pools. Some trash present. Pools filled with water.

Visit Date: 2/12/2024 Start Time: 3	3:00 PM	
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	<u>Visit:</u>	
Trash:	Tresspass/Un	authorized Use:
Damage to Fences and/or Signs:	Fire or Damaç	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, dethat	ching, Restoration/Revegetatior	n, Regular patrols recommended
Other Management Needs:		
Additional Management Actions Recomme	ended:	
Notes: Annual weeds and grasses in and are pools.	ound pool. Some old trash prese	nt. Fairy shrimp in two pools. Button celery in three

Fiscal Year: 2024 Complex Name: Serra Mesa Library (N7) Start Time: 2:29 PM Visit Date: 4/24/2024 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, Restoration/Revegetation, trash pickup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. SD mesa mint in at least one pool. Button celery present in a few pools. Management Actions Compeleted Visit Date: 9/15/2023 Start Time: 11:33 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, reveg restore site maint Notes: Contracted crew performed weed control, dethatching and restoration site maintenance. City staff performed trash pickup. Visit Date: 11/15/2023 Start Time: 11:53 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/26/2024 Start Time: 9:22 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup, restreveg Notes: Contracted crew performing weed control, dethatching and trash pickup. City staff seeded vernal pools with POAB. Visit Date: 1/30/2024 Start Time: 9:26 AM Surveyors: Jason Allen Action(s) Completed: dump cleanup, trash pickup, Weed control, dethatching Notes: Contracted crew performed weed control, dethatching, trash and dump pickup. Visit Date: 2/28/2024 Start Time: 10:01 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control and dethatching.

Fiscal Year: 2024	
Complex Name: South Otay 1 acre (J13N)	
Planning Unit:SouthCity or Other?CityVPHCP Required Management and Monitoring Level	Managing Department: Parks & Recreation : Level 3
Qualitative Monitoring Data	
Visit Date: 8/10/2023 Start Time: 12:27 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sinc Listed Plants Visible? present	ce Last Rain: >15 Fairy 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?	
recommended	getation, Weed control, fence install, sign install, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Mitigation project contractor cleaned up trash	n and dumps and installed silt fence around the project area.
Visit Date: 12/6/2023 Start Time: 8:57 AM	
Surveyors: Jason Allen	
Site Conditions:	
	ce 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:	Damage from Edge Effects:
Invasive Species in Buffer:	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Restoration/Revegetation, Regu	ular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Contractor working on mitigation project and	about to install plants.

Fiscal Year: 2024 Complex Name: South Otay 1 acre (J13N) Visit Date: 3/29/2024 Start Time: 5:22 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: 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, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Site visit for mitigation project progress. Site looks good. Visit Date: 4/23/2024 Start Time: 11:51 AM 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: Hydrological Impacts: Invasive Species in Buffer: ongoing 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 and grasses in and around pools. Mitigation project ongoing.

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)

1	
Management Actions Com	peleted
Visit Date: 8/3/2023	Start Time: 12:48 PM
Surveyors: Jason Allen	
Action(s) Completed: dum	p cleanup, trash pickup
Notes: Contracted crew pe	rforming trash and dump pickup.
Visit Date: 9/1/2023	Start Time: 2:46 PM
Surveyors: Jason Allen	
Action(s) Completed: restr	eveg, fence install, grading recontouring, recontouringpools
Notes: Contracted crew is g	grading the new pools as part of a mitigation project.
Visit Date: 3/28/2024	Start Time: 10:37 AM
Surveyors: Jason Allen	
Action(s) Completed: restr	eveg
Notes: Mitigation crew cor	tractor performed habitat restoration plant installation.

Fiscal Year: 2024	
Complex Name: South Otay J13s (J13)	
Planning Unit: South City or Other?	Managing Department:
VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
Visit Date: 12/6/2023 Start Time: 8:34 AM	
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?	
Additional Management Actions Recommended: Notes: Annual weeds cover site. Some previously insta	alled native plants hanging on. Old trash present. Needs fence install.
Visit Date: 2/26/2024 Start Time: 1:17 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Sinc	e Last Rain: 6-15 Fairy Shrimp Visible: present
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?	
Grading/Recontouring, Regular patrols recommended	toration/Revegetation, fence install, dump cleanup, trash pickup, I
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds present.	

Fiscal Year: 2024 Complex Name: South Otay J13s (J13) Visit Date: 3/29/2024 Start Time: 11:20 AM 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: Hydrological Impacts: Invasive Species in Buffer: ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, dethatching, Restoration/Revegetation, trash pickup, dump cleanup Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Old trash present. Pools are dry. Visit Date: 4/9/2024 Start Time: 1:55 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, dethatching, Restoration/Revegetation, fence install, dump cleanup, trash pickup, Grading/Recontouring, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Old trash and dumps present. Needs fence added. Needs habitat restoration.

Fiscal Year: 2024

Complex Name: South Otay J13s (J13)

Visit Date: 4/30/2024 Start Time:	2:19 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	<u>ı Visit:</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: ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	,
Management Needs: Weed control, detha	atching, Restoration/Revegetation, trash pickup, Regular patrols recommended, fence
Other Management Needs:	
Additional Management Actions Recomm	iended:
Notes: Annual weeds and grasses in and a	round pools. New plants doing well. Some old trash. Needs fence installation.

Fiscal Year: 2024	
Complex Name: South Otay	J13s (J13)
Management Actions Compe	eleted
Visit Date: 7/6/2023	Start Time: 2:21 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg	restore site maint
Notes: City staff performed r	restoration site maintenance.
Visit Date: 2/26/2024	Start Time: 1:19 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed v	weed control.
Visit Date: 4/9/2024	Start Time: 1:54 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control
Notes: City staff performed v	weed control.
Visit Date: 4/18/2024	Start Time: 12:01 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, dethatching, trash pickup, dump cleanup
Notes: City staff and contrac	ted staff performed weed control, dethatching and trash pickup.
Visit Date: 4/19/2024	Start Time: 11:47 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed	control, restreveg
Notes: Contracted crew perf	ormed weed control and habitat restoration plant installation.
Visit Date: 5/24/2024	Start Time: 8:09 AM
Surveyors: Jason Allen	
Action(s) Completed: Fence	repair, trash pickup
Notes: Contracted crew perf	formed fence install and trash pickup.
Visit Date: 6/25/2024	Start Time: 3:01 PM
Surveyors: Jason Allen	
Action(s) Completed: reveg	restore site maint
Notes: City staff performed r	restoration site watering maintenance.

Fiscal Year: 2024	
Complex Name: Stowe	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: Nor	le
Qualitative Monitoring Data	
Visit Date: 4/6/2024 Start Time: 5:29 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since Las	t Rain: 0 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, dethatching, Restorat	ion/Revegetation
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds/grasses present. Filled with water.	
Management Actions Compeleted	
Visit Date: 4/6/2024 Start Time: 5:26 PM	
Surveyors: Jason Allen	
Action(s) Completed: restreveg, accesscontrol	
Notes: Seed and fixed barricades.	

Fiscal Year: 2024 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: 3/7/2024 Start Time: 4:22 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: noDays SinceListed Plants Visible? absent	Last Rain: 0 Fairy 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, dethatching, Resto	pration/Revegetation, Regular patrols recommended, sign install
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses. No water in pools.	
Visit Date: 4/24/2024 Start Time: 4:22 PM	
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, Resto	pration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools.	

Fiscal Year: 2024

Complex Name: Tecolote Canyon (QQ)

Management Actions Compeleted

Visit Date: 3/7/2024 Start Time: 4:27 PM

Surveyors: Jason Allen

Action(s) Completed: restreveg

Notes: City staff spread focal species seed in pools.

Fiscal Year: 2024 Complex Name: Topsail	
Planning Unit: South City or Other? City VPHCP Required Management and Monitoring Level: N	Managing Department: Parks & Recreation
Qualitative Monitoring Data	
Visit Date: 4/9/2024 Start Time: 3:56 PM	
Surveyors: Jason Allen	
Site Conditions:	
	Last Rain: 1-5 Fairy 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: dethatching, Weed control, Restor	ration/Revegetation, Regular patrols recommended
Notes: Annual weeds and grasses in and around pools. E Visit Date: 4/25/2024 Start Time: 11:34 AM	Button celery in a few pools.
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since L Listed Plants Visible? present	Last Rain: 6-15 Fairy 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, dethatching, Restor	ration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
-	Otay mesa mint in one pool and SD button celery in a few pools.

Fiscal Year: 2024	
Complex Name: Topsail	
Management Actions Compe	leted
Visit Date: 7/1/2023	Start Time: 5:11 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed of	control
Notes: City staff performed w	reed control.
Visit Date: 11/15/2023	Start Time: 5:14 PM
Surveyors: Jason Allen	
Action(s) Completed: Dry sea	son fairy shrimp surveys.
Notes: Performed dry season	fairy shrimp surveys.
Visit Date: 4/9/2024	Start Time: 4:01 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed of	control
Notes: City staff performed w	reed control.
Visit Date: 4/19/2024	Start Time: 12:33 PM
Surveyors: Jason Allen	
Action(s) Completed: dethate	ching, Weed control
Notes: Contracted crew perfo	ormed weed control and dethatching.
Visit Date: 4/25/2024	Start Time: 11:36 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed of	control, dethatching
Notes: Contracted crew perfo	ormed weed control and dethatching.

Fiscal Year: 2024	
Complex Name: West Otay B (J32)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Leve	
Qualitative Monitoring Data	
Visit Date: 9/1/2023 Start Time: 3:31 PM	
Surveyors: Jason Allen	
Site Conditions:	
	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	
Other Management Needs:	
Additional Management Actions Recommended:	
5	
Notes: Annual weeds in and around pools.	
Visit Date: 1/19/2024 Start Time: 9:53 AM	
Surveyors: Jason Allen	
Site Conditions:	
	ce Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? wrong_time	
New and Ongoing Issues Observed During Visit:	
Trash: ongoing	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?	
Regular patrols recommended, accesscontrol	storation/Revegetation, fence install, sign install, trash pickup, dump cleanup
Other Management Needs:	
Additional Management Actions Recommended:	
	ls. Old trash and illegal dumps present. Installed plants affected by herbivory.

Fiscal Year: 2024	
Complex Name: West Otay B (J32)	
Visit Date: 2/27/2024 Start Time: 4	:22 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 V	<u>/isit:</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, dethato pickup, dump cleanup	ching, Restoration/Revegetation, fence install, Regular patrols recommended, trash
Other Management Needs:	
Additional Management Actions Recomme	nded:
Notes: Annual weeds present.	
Visit Date: 3/29/2024 Start Time: 2	:46 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 V	<u>/isit:</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, dethato	ching, Restoration/Revegetation, trash pickup, dump cleanup
Other Management Needs:	
Additional Management Actions Recomme	nded:
Notos: Appuel woods and grasses an and an	
Invotes: Annual weeds and drasses on and ard	pund pools. Water in some pools. Tadpoles in some pools. Otay mesa mint and button

Fiscal Year: 2024	
Complex Name: West Otay B (J32)	
Visit Date: 4/18/2024 Start Tim	e: 1:04 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 Duri	ng Visit:
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs	: Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoin	g Damage from Edge Effects:
Invasive Species in Buffer: ongo	ing Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoin	g?
Management Needs: Weed control, det	natching, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recom	mended:
Notes: Annual weeds and grasses in and	around pools.

Complex Name: West Otay B (J32) Management Actions Completed Visit Date: 9/25/2023 Start Time: 7:47 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: rever performing habitat restoration. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: rever performing habitat restoration. Visit Date: 12/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 12/20/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control. Visit Date: 12/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 12/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching. Visit Date: 1:12/20/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 1:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 2/29/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 2/29/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Notes: City staft performed weed control. Notes: City staft performed weed control.	Fiscal Year: 2024
Visit Date: 9/25/2023 Start Time: 7:47 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: Contracted Jet Weed control Notes: Contracted Jet Weed control Notes: Contracted rew performing weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 1/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 4/0/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Complex Name: West Otay B (J32)
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Notes: Contracted crew performed weed control. Notes: Contracted control Notes: Contracted control Notes: Contracted control Notes: Contracted control Notes: Contracted control Notes: Contracted control Notes: Completed: Weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control, Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/2/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control, Notes: City staff performed weed control.	Management Actions Compeleted
Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/19/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/0/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Visit Date: 9/25/2023 Start Time: 7:47 AM
Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 11/19/2024 Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: Coltracted crew performed weed control. Visit Date: 1/29/2024 Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Action(s) Completed: Weed control. Motes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 2/29/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Wee	Surveyors: Jason Allen
Visit Date: 9/26/2023 Start Time: 3:43 PM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Action(s) Completed: Weed control, dethatching, trash pickup
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. et al. (Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. et al. (Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. ad dethatching. Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Notes: Contracted crew performed weed control, dethatching and trash pickup.
Action(s) Completed: Weed control, dethatching, trash pickup Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Visit Date: 9/26/2023 Start Time: 3:43 PM
Notes: Contracted crew performed weed control, dethatching and trash pickup. Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Notes: City staff performed weed control. Visit Date: 6/6/2024 Visit Dat	Surveyors: Jason Allen
Visit Date: 12/6/2023 Start Time: 10:16 AM Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024	Action(s) Completed: Weed control, dethatching, trash pickup
Surveyors: Jason Allen Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Notes: Contracted crew performed weed control, dethatching and trash pickup.
Action(s) Completed: restreveg Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Ac	Visit Date: 12/6/2023 Start Time: 10:16 AM
Notes: Contracted crew performing habitat restoration. Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM	Surveyors: Jason Allen
Visit Date: 1/19/2024 Start Time: 8:40 AM Surveyors: Jason Allen Action(s) Completed: Weed control Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Action(s) Completed: restreveg
Surveyors: Jason Allen Action(s) Completed: Weed control Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Notes: Contracted crew performing habitat restoration.
Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Visit Date: 1/19/2024 Start Time: 8:40 AM
Notes: City staff performed weed control.Visit Date: 1/29/2024Start Time: 8:54 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatchingNotes: Contracted crew performing weed control and dethatching.Visit Date: 2/29/2024Start Time: 7:54 AMSurveyors: Jason AllenAction(s) Completed: Weed control, dethatchingNotes: Contracted crew performed weed control.Visit Date: 4/19/2024Start Time: 11:11 AMSurveyors: Jason AllenAction(s) Completed: Weed control.Visit Date: 4/19/2024Start Time: 11:11 AMSurveyors: Jason AllenAction(s) Completed: Weed control.Visit Date: 6/6/2024Start Time: 8:20 AMSurveyors: Jason AllenAction(s) Completed: Weed control.Visit Date: 6/6/2024Start Time: 8:20 AMSurveyors: Jason AllenAction(s) Completed: Weed control.Visit Date: 6/6/2024Start Time: 8:20 AMSurveyors: Jason AllenAction(s) Completed: Weed control	Surveyors: Jason Allen
Visit Date: 1/29/2024 Start Time: 8:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Action(s) Completed: Weed control
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Notes: City staff performed weed control.
Action(s) Completed: Weed control, dethatching Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Visit Date: 1/29/2024 Start Time: 8:54 AM
Notes: Contracted crew performing weed control and dethatching. Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Surveyors: Jason Allen
Visit Date: 2/29/2024 Start Time: 7:54 AM Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Action(s) Completed: Weed control, dethatching
Surveyors: Jason Allen Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Notes: Contracted crew performing weed control and dethatching.
Action(s) Completed: Weed control, dethatching Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Visit Date: 2/29/2024 Start Time: 7:54 AM
Notes: Contracted crew performed weed control. Visit Date: 4/19/2024 Start Time: 11:11 AM Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control.	Surveyors: Jason Allen
Visit Date: 4/19/2024Start Time: 11:11 AMSurveyors: Jason AllenAction(s) Completed: Weed controlNotes: City staff performed weed control.Visit Date: 6/6/2024Start Time: 8:20 AMSurveyors: Jason AllenAction(s) Completed: Weed control	Action(s) Completed: Weed control, dethatching
Surveyors: Jason Allen Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Notes: Contracted crew performed weed control.
Action(s) Completed: Weed control Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Visit Date: 4/19/2024 Start Time: 11:11 AM
Notes: City staff performed weed control. Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Surveyors: Jason Allen
Visit Date: 6/6/2024 Start Time: 8:20 AM Surveyors: Jason Allen Action(s) Completed: Weed control	Action(s) Completed: Weed control
Surveyors: Jason Allen Action(s) Completed: Weed control	Notes: City staff performed weed control.
Action(s) Completed: Weed control	Visit Date: 6/6/2024 Start Time: 8:20 AM
	Surveyors: Jason Allen
Notes: Contracted crew performing weed control.	Action(s) Completed: Weed control
	Notes: Contracted crew performing weed control.

Planning Unit: South City or Other? City /PHCP Required Management and Monitoring Level:	Managing Department: Parks & Recreation : Level 1
Qualitative Monitoring Data	
Visit Date: 9/1/2023 Start Time: 3:37 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sinc	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, Res	storation/Revegetation, Regular patrols recommended
Additional Management Actions Recommended:	
Notes: Annual weeds in and around pools.	
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM	
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen	
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u>	ce Last Rain: 0 Fairy Shrimp Visible:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? wrong_time	ce Last Rain: 0 Fairy Shrimp Visible:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing	Tresspass/Unauthorized Use:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> 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:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Sinc Listed Plants Visible? wrong_time 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:
Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Sinc Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? wrong_time New and Ongoing Issues Observed During Visit: 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?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? wrong_time New and Ongoing Issues Observed During Visit: 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?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> 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/Reve	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Listed Plants Visible? wrong_time New and Ongoing Issues Observed During Visit: 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?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Notes: Annual weeds in and around pools. Visit Date: 11/30/2023 Start Time: 2:55 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since Listed Plants Visible? wrong_time <u>New and Ongoing Issues Observed During Visit:</u> Trash: ongoing 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, Restoration/Reve Other Management Needs: Additional Management Actions Recommended:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Fiscal Year: 2024	
Complex Name: West Otay C (J32)	
Visit Date: 11/30/2023 Start Time: 2:4	7 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Da	ys Since Last Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? wrong_time	
New and Ongoing Issues Observed During Vis	it:
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, trash pick	up, dump cleanup, Regular patrols recommended, Restoration/Revegetation
Visit Date: 1/19/2024 Start Time: 8:48	trash and dumps. Holes prepped for upcoming planting.
Surveyors: Jason Allen	
Site Conditions:	
	iys Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? wrong_time New and Ongoing Issues Observed During Vis	it.
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, dethatchi	ng, Restoration/Revegetation, sign install, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommend	ed:
Notes: Annual weeds and grasses in and aroun	id pools. Installed plants affected by herbivory.

Fiscal Year: 2024	
Complex Name: West Otay C (J32)	
Visit Date: 2/16/2024 Start Time: 12:0	7 PM
Surveyors: Jason Allen	
Site Conditions:	
	ys Since Last Rain: 6-15 Fairy Shrimp Visible: present
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visi	<u>t:</u>
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, dethatchir	ng, Restoration/Revegetation, trash pickup, Regular patrols recommended
Notes: Annual weeds and grasses in and around Visit Date: 2/16/2024 Start Time: 11:4	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Day	ys Since Last Rain: 6-15 Fairy Shrimp Visible: present
Listed Plants Visible? present	
New and Ongoing Issues Observed During Visit	<u>t:</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, dethatchir recommended	ng, Restoration/Revegetation, trash pickup, dump cleanup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommende	ed:
Notes: Annual weeds and grasses in and around some pools.	d pools. Old dumps present. Pools filled with water. Fairy shrimp and tadpoles in

Fiscal Year: 2024 Complex Name: West Otay C (J32)	
Visit Date: 2/27/2024 Start Time: 4:20 PM	
Surveyors: Jason Allen	
Site Conditions:	
	nce 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, dethatching, Re	egular patrols recommended, trash pickup
Notes: Annual weeds present. Visit Date: 3/29/2024 Start Time: 2:42 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Sir	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 Other issues observed:	Hydrological Impacts:
Are other issues new or ongoing?	
Management Needs: Weed control, Restoration/Re	evegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around poo	ols. Button celery and otay mesa mint present.

Fiscal Year: 2024	
Complex Name: West Otay C (J32)	
Visit Date: 4/18/2024 Start Tim	ne: 1:15 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 Dur	ing Visit:
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Sign	s: Fire or Damage from Fire Supression:
Invasive Species in Pool: ongoin	ng Damage from Edge Effects:
Invasive Species in Buffer: ongo	oing Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoir	ıg?
Management Needs: Weed control, det	thatching, Restoration/Revegetation
Other Management Needs:	
Additional Management Actions Recon	nmended:
Notes: Annual weeds and grasses in and	around pools.

Fiscal Year: 2024		
Complex Name: West Otay C (J32)		
Management Actions Compeleted		
Visit Date: 9/27/2023 Start Time: 8:01 AM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control, dethatching, trash pickup		
Notes: Contracted crew performed weed control, dethatching and trash pickup.		
Visit Date: 9/28/2023 Start Time: 9:00 AM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control, dethatching, trash pickup		
Notes: Contracted crew performed weed control, dethatching and trash pickup.		
Visit Date: 1/19/2024 Start Time: 1:09 PM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control		
Notes: City staff performed weed control.		
Visit Date: 1/30/2024 Start Time: 7:49 AM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control		
Notes: Contracted crew performing weed control.		
Visit Date: 1/31/2024 Start Time: 10:33 AM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control, dethatching		
Notes: Contracted crew performed weed control.		
Visit Date: 4/19/2024 Start Time: 11:10 AM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control		
Notes: City staff performed weed control.		
Visit Date: 6/6/2024 Start Time: 12:06 PM		
Surveyors: Jason Allen		
Action(s) Completed: Weed control		
Notes: Contracted crew performed weed control.		
Fiscal Year: 2024		
---	---	
Complex Name: Winterwood (C10-16)		
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Level		
Qualitative Monitoring Data		
Visit Date: 2/15/2024 Start Time: 2:24 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since Las	t 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?		
Regular patrols recommended Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses. No water in pools. Old c	oncrete dumps. Fence holding up good.	
Visit Date: 4/17/2024 Start Time: 2:41 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: 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, Restorat recommended	ion/Revegetation, dump cleanup, trash pickup, Regular patrols	
Other Management Needs:		
Additional Management Actions Recommended:		
Notes: Annual weeds and grasses in and around pools. A fe	ew pools have button celery and SD mesa mint present.	

Fiscal Year: 2024	
Complex Name: Wruck Canyon (J16-18)	
Planning Unit: South City or Othe	er? City Managing Department: Parks & Recreation
VPHCP Required Management and Monitori	ng Level: Level 1
Qualitative Monitoring Data	
Visit Date: 9/1/2023 Start Time: 1:	18 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no E	Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
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: Weed control, dethatcl repair, sign install, dump cleanup, trash picku	hing, Restoration/Revegetation, fence install, Regular patrols recommended, Fence
Other Management Needs:	~P
Additional Management Actions Recommer	nded:
Notes: Myosaurus mininus found in pool 107	/0.
Visit Date: 10/23/2023 Start Time: 9:	36 AM
Surveyors: Jason Allen	
Site Conditions:	
	Days Since Last Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? absent	
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: Weed control, dethatch	hing, Restoration/Revegetation, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommer	nded:
	storation. Old trash onsite in pile ready to be removed. Annual weeds and grass thatch
present in and around pools.	

Fiscal Year: 2024 Complex Name: Wruck Canyon (J16-18) Visit Date: 1/18/2024 Start Time: 1:29 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since 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: 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 repair, Regular patrols recommended, reveg restore site maint Other Management Needs: Additional Management Actions Recommended: Notes: Annual weeds and grasses in and around pools. Some old trash present. Visit Date: 2/13/2024 Start Time: 1:09 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 1-5 Fairy Shrimp Visible: present 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, fence install, sign install, trash pickup, dump cleanup, Regular patrols recommended Other Management Needs: Additional Management Actions Recommended:

Notes: Annual weeds and grasses in and around pools. One pool filled with water. Fairy shrimp present in pool.

Fiscal Year: 2024 Complex Name: Wruck Canyon (J16-18) Start Time: 10:21 AM Visit Date: 2/29/2024 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain: 6-15 Fairy Shrimp Visible: present 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, Fence repair, dump cleanup, trash pickup, Grading/Recontouring, Regular patrols recommended

Other Management Needs:

Additional Management Actions Recommended:

Notes: Annual weeds, trash, water in pool.

Visit Date: 3/8/2024	Start Time: 9:55 AM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes	Days Since Last	Rain: 1-5	Fairy Shrimp Visible: present
Listed Plants Visible	e? present		
New and Ongoing Issues Ob	oserved During Visit:		
Trash: ongoing		Tresspass/Unau	thorized Use:
Damage to Fences	and/or Signs:	Fire or Damage	from Fire Supression:
Invasive Species in	Pool: ongoing	Damage from Ec	dge Effects:
Invasive Species in	Buffer: ongoing	Hydrological Im	pacts:
Other issues observ	ved:		
Are other issues ne	w or ongoing?		
Management Needs: Weed Grading/Recontouring, Regu		ion, fence install, s	ign install, dump cleanup, trash pickup,
Other Management Needs:			
Additional Management Ac	tions Recommended:		
Notes: Annual weeds preser	nt. Water in the pool. Fairy shrin	np. Button celery.	

Fiscal Year: 2024

Complex Name: Wruck Canyon (J16-18)	
Visit Date: 3/29/2024 Start Time: 12	:55 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no D	ays Since Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? present	
New and Ongoing Issues Observed During Vi	<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 recommended	ning, Restoration/Revegetation, trash pickup, dump cleanup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommen	ded:
Notes: Annual weeds and grasses in and arou	nd pools. Button celery present it two pools. Some old trash present.
Management Actions Compeleted	
Visit Date: 9/6/2023 Start Time: 1:0	06 PM
Surveyors: Jason Allen	
Action(s) Completed: Weed control, dethatch	ning
Notes: Contracted crew performed weed con	trol and dethatching.
Visit Date: 1/18/2024 Start Time: 11	:45 AM
Surveyors: Jason Allen	
Action(s) Completed: Weed control	
Notes: City staff performed weed control.	
Notes: City staff performed weed control.Visit Date: 2/29/2024Start Time: 10	:44 AM
	:44 AM
Visit Date: 2/29/2024 Start Time: 10	
Visit Date: 2/29/2024 Start Time: 10 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatch	
Visit Date: 2/29/2024 Start Time: 10 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatch	ning trol and dethatching of access road to vernal pool complex.
Visit Date: 2/29/2024 Start Time: 10 Surveyors: Jason Allen Action(s) Completed: Weed control, dethatch Notes: Contracted crew performed weed con	ning trol and dethatching of access road to vernal pool complex.
Visit Date: 2/29/2024Start Time: 10Surveyors: Jason AllenAction(s) Completed: Weed control, dethatchNotes: Contracted crew performed weed conVisit Date: 3/8/2024Start Time: 9:2	ning trol and dethatching of access road to vernal pool complex.

Fiscal Year: 2024	
Complex Name: Merge 56	
Planning Unit: North City or Other?	Managing Department:
VPHCP Required Management and Monitoring I	_evel:
Qualitative Monitoring Data	
Visit Date: 8/17/2023 Start Time: 1:23	PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days	s Since Last Rain: >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:	Damage from Edge Effects:
Invasive Species in Buffer: ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Restoration/Revegetation,	Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended	d:
Notes: Habitat restoration in progress.	

Fiscal Year: 2024	
Complex Name: Arjons	
Planning Unit: North City or Ot	her? Other Managing Department:
VPHCP Required Management and Monito	oring Level: None
Qualitative Monitoring Data	
Visit Date: 6/28/2024 Start Time:	10:09 AM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible?	
New and Ongoing Issues Observed During	<u>Visit:</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: ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: trash pickup, dump o	eleanup, Regular patrols recommended, Weed control
Other Management Needs:	
-	andadı
Additional Management Actions Recomm	enueu.
Notes: Large dumped items on east fence	ine. Annual weeds and grasses in and around pools.

Fiscal Year: 2024			
Complex Name: Empire Center (J27)			
Planning Unit: South City of	r Other? Other	Managi	ng Department:
VPHCP Required Management and Mc	nitoring Level: Nor	ne	
Qualitative Monitoring Data			
Visit Date: 9/7/2023 Start Ti	me: 11:48 AM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no	Days Since Las	t Rain: >15	Fairy Shrimp Visible:
Listed Plants Visible?			
New and Ongoing Issues Observed Du	ring Visit:		
Trash:		Tresspass/L	nauthorized Use:
Damage to Fences and/or Sigr	1S:	Fire or Dam	age from Fire Supression:
Invasive Species in Pool:		Damage fro	m Edge Effects:
Invasive Species in Buffer:		Hydrologica	I Impacts:
Other issues observed:			
Are other issues new or ongoi	ng?		
Management Needs:			
Other Management Needs:			
Additional Management Actions Reco	mmended:		
Notes: Street closed because of constru	uction. Site appeare	d to be undistu	rbed. Could not get close enough to observe any threats.

	Shitening and Management Actions
Fiscal Year: 2024	
Complex Name: Facilities Development (Eastgate Miram	
Planning Unit: North City or Other? Other	Managing Department:
VPHCP Required Management and Monitoring Level: N	one
Qualitative Monitoring Data	
Visit Date: 9/12/2023 Start Time: 9:17 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since La Listed Plants Visible?	ast Rain: 1-5 Fairy Shrimp Visible:
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	bickup
Additional Management Actions Recommended: Notes: Trash present. Annual weeds in and around pools	s. Pampas grass growing in fenced area.
Visit Date: 6/28/2024 Start Time: 8:40 AM	
Surveyors: Jason Allen	
Site Conditions:	
	ast Rain: >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?	
	ation/Revegetation, trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools. T	rash present. Pampas grass on Western edge of fenced area

Fiscal Year: 2024	
Complex Name: Fieldstone (C17-18)	
Planning Unit: North City or Other?	Other Managing Department:
VPHCP Required Management and Monitoring	Level: None
Qualitative Monitoring Data	
Visit Date: 6/28/2024 Start Time: 11:3	6 AM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Day	vs Since Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible? absent	
New and Ongoing Issues Observed During Visit	<u>t:</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, dethatchin	ığ
Other Management Needs:	
Additional Management Actions Recommende	ed:
Notes: Annual weeds and grasses in and around	d pools. Eucalyptus trees on outer edges could invade closer to pools.

Fiscal Year: 2024	
Complex Name: Ford Leasing (Bob Baker) (I6B)	
Planning Unit: North City or Other? Other	Managing Department:
VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
Visit Date: 9/12/2023 Start Time: 9:10 AM	
Surveyors: Jason Allen	
Site Conditions:	
	Last Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible?	5
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	n pickup, fence install, sign install, Regular patrols recommended
	and around pools. Needs fence and signs installed to protect the resource.
Visit Date: 6/28/2024 Start Time: 8:45 AM Surveyors: Jason Allen	
-	
Site Conditions: Ponded Water: no Days Since	Last Rain: >15 Fairy Shrimp Visible:
Listed Plants Visible?	
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, Rest recommended	oration/Revegetation, fence install, sign install, trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Annual weeds and grasses in and around pools.	Trash present. Needs fence and sign installation.

Appendix C-2

2024 Vernal Pool Quantitative Monitoring Datasheets

Fiscal Year: 2024				
	lex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 42	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 63.0 Baselin	ne Cover of NAFO: 3.0	Baseline (Cover of ORCA: 0.0	
	ne Cover of PONU: 38.0			
2024 Quantitative Monitoring Data				
Survey Date: 6/3/2024 Survey Start Time: 0	D3:30 PM Survey End	Time: 04:22 PM		
Surveyors: Jason Allen, Adam Skinner				
VPHCP Covered Species Present: ERAR,NAFO				
Cover of ERAR in Basin: 25-50% Cover	of NAFO in Basin: <1%	Cover of ORCA in I	Basin:	
Cover of POAB in Basin: Cover	of PONU in Basin:			
Cover of Native Species in Basin: 25-50%	Native Species F	Richness in Basin:	17	
Other Native Species in Pool:				
Species Name	2		Cover	
Bergia texana - Texas	Bergia texana - Texas bergia		<1%	
Callitriche marginata - winged	Callitriche marginata - winged water-starwort		<1%	
Crassula aquatica - water	Crassula aquatica - water pygmyweed		<1%	
Deinandra sp.	Deinandra sp.		<1%	
Deschampsia danthonioides - a	annual hair grass		<1%	
Elatine brachysperma - short-	seed waterwort		<1%	
Eleocharis macrostachya - p	ale spike-rush		5-10%	
Epilobium campestre - smoo	oth boisduvalia		<1%	
Lysimachia minima - cł	haffweed		1-5%	
Myosurus minimus ssp. apus -	little mouse tail		<1%	
Navarretia hamata - hooke	ed skunkweed		<1%	
Plantago erecta - dot-se	Plantago erecta - dot-seed plantain		<1%	
Psilocarphus brevissimus var. brevissir	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
Triglochin scilloides - flower	Triglochin scilloides - flowering-quillwort		<1%	
Zeltnera venusta - Californ	nia centaury		<1%	
Nonnative Species in Pool:				
Species Name	2		Cover	
Bromus hordeaceus - s	oft chess		<1%	
Festuca myuros - rattail six	weeks grass		<1%	

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: 4

Additional Information:

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:

Fiscal Year: 2024

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

VP ID: 42

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
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
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha sp.
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Galium aparine - goose grass
Gamochaeta stagnalis - desert cudweed
Helminthotheca echioides - bristly ox-tongue
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
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
Zeltnera venusta - California centaury

Fiscal Year: 2024

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

Notes:

VP ID: 42

Complex Names Cal Tarrages (Narth)	Otay Masa Road Barcols (12)	
Complex Name: Cal Terraces (North),	Jtay Mesa Road Parcels (JZ)	VP ID: 51
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 2024 Quantitative Monitoring Data	Baseline Cover of PONU: 38.0	
		T
		l Time: 09:46 AM
-	ra Allen, Bruce Markman, Adam Skinne	er
VPHCP Covered Species Present: PONU		Course of ODCA in Desire
Cover of ERAR in Basin: 5-109		Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 5-10%	
Cover of Native Species in Bas	sin: 25-50% Native species	Richness in Basin: 15
Other Native Species in Pool:		
-	pecies Name	Cover
	hroides - broom baccharis	1-5%
	iculata - fascicled tarweed	<1%
	honioides - annual hair grass	1-5%
	rma - short-seed waterwort	<1%
	<i>ostachya</i> - pale spike-rush	5-10%
	estre - smooth boisduvalia	25-50%
	<i>ufonius</i> - toad rush	<1%
	<i>a minima</i> - chaffweed	<1%
	s ssp. apus - little mouse tail	<1%
	<i>icana</i> - American pillwort	<1%
	var. brevissimus - dwarf woollyheads	1-5%
Zeltnera venu	sta - California centaury	<1%
Nonnative Species in Pool:		
Sr	oecies Name	Cover
Bromus ho	ordeaceus - soft chess	<1%
Festuca myura	os - rattail sixweeks grass	<1%
Phalaris minor -	little-seeded canary grass	<1%
Polypogon mon:	speliensis - rabbitfoot grass	25-50%
Complete and a second	p. <i>asper</i> - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 25-50%

Nonnative Species Richness in Basin: 5

Additional Information:

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: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

```
VP ID: 51
```

2024 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	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Bromus madritensis - foxtail chess	
Bromus rubens - red brome	
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
Festuca myuros - rattail sixweeks grass	
Lysimachia arvensis - scarlet pimpernel	
Nuttallanthus texanus - blue toadflax	
Pogogyne nudiuscula - Otay mesa mint	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium californicum - California everlas	ting
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Stipa lepida - foothill needle grass	
Verbena menthifolia - mint-leaf vervain	
Zeltnera venusta - California centaury	

Notes:

Fiscal Year: 2024		
Complex Name: Cal Terraces (North), C	Dtay Mesa Road Parcels (J2)	VP ID: 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	
2024 Quantitative Monitoring Data		
Survey Date: 6/5/2024 Survey S	tart Time: 08:32 AM Survey En	d Time: 09:33 AM
Surveyors: Ryan Meszaros, Garrett Mos	S	
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%	
Cover of Native Species in Bas	in: 5-10% Native Specie	s Richness in Basin: 10
Other Native Species in Pool:		
Sp	ecies Name	Cover
Artemisia califor	nica - California sagebrush	<1%
Baccharis saroti	nroides - broom baccharis	1-5%
Cylindropuntic	a <i>prolifera -</i> coast cholla	<1%
Deschampsia dant	honioides - annual hair grass	1-5%
Ferocactus viridesc	ens - San Diego barrel cactus	<1%
Navarretia harr	ata - hooked skunkweed	<1%
Sisyrinchium bellu	<i>n</i> - western blue-eyed-grass	1-5%
Zeltnera venu	sta - California centaury	<1%
Nonnative Species in Pool:		
	ecies Name	Cover
	rdeaceus - soft chess	5-10%
Bromus mac	lritensis - foxtail chess	<1%
Centaurea	melitensis - tocalote	<1%
Festuca myurc	s - rattail sixweeks grass	5-10%
	perennis - rye grass	<1%
	phleoides - nit grass	1-5%
	ensis - scarlet pimpernel	1-5%
-	b. <i>asper</i> - prickly sow thistle	<1%
Cover of Nonnative Species in		ecies Richness in Basin: 8

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 67

2024 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
Brassica nigra - black mustard
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
Dittrichia graveolens - stinkwort
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Galium aparine - goose grass
Gastridium phleoides - nit grass
Laennecia coulteri - Coulter's horseweed
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Muhlenbergia rigens - deer grass
Navarretia hamata - hooked skunkweed
Phalaris minor - little-seeded canary grass
Plagiobothrys acanthocarpus - adobe popcornflower
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Complex	Name: Cal Terraces (North), Otay	/ Mesa Road Parcels (J2)	VP ID: 78
2003 Bas	eline 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	
2024 Qua	antitative Monitoring Data		
Survey D	ate: 6/5/2024 Survey Star	t Time: 09:45 AM Survey End	d Time: 11:17 AM
Surveyor	s: Ryan Meszaros, Garrett Moss		
PHCP Co	overed Species Present: PONU,ER	AR	
(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%	
(Cover of Native Species in Basin:	>75% Native Species	Richness in Basin: 22
Other Na	tive Species in Pool:		
	Speci	es Name	Cover
	Bergia texan	a - Texas bergia	<1%
	Callitriche marginata	 winged water-starwort 	<1%
	Crassula aquatica	- water pygmyweed	<1%
	Deinandra fasciculo	ata - fascicled tarweed	<1%
	Deschampsia danthor	<i>ioides</i> - annual hair grass	<1%
	Elatine brachyspermo	a - short-seed waterwort	1-5%
	Eleocharis macrosto	achya - pale spike-rush	10-25%
	Epilobium campestr	e - smooth boisduvalia	<1%
	Heliotropium curassavicum va	ar. <i>oculatum</i> - seaside heliotrope	<1%
	Juncus bufor	nius - toad rush	<1%
	Laennecia coulteri	- Coulter's horseweed	<1%
	Lysimachia mi	nima - chaffweed	<1%
	Marsilea vestita	- hairy waterclover	<1%
	Navarretia hamata	r - hooked skunkweed	<1%
	Plagiok	oothrys sp.	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
	Sisyrinchium bellum -	western blue-eyed-grass	<1%
	Stipa pulchra - p	ourple needle grass	<1%
	Triglochin scilloide	s - flowering-quillwort	<1%
	Zeltnera venusta	- California centaury	<1%
Nonnativ	e Species in Pool:		
		es Name	Cover
	•	<i>maritima</i> - sea beet	<1%
		aceus - soft chess	1-5%

<i>Beta vulgaris</i> ssp. <i>maritima</i> - sea beet	<1%
Bromus hordeaceus - soft chess	1-5%
Bromus madritensis - foxtail chess	<1%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%

Fiscal Year: 2024

blex Name: Cal Terraces (North), Otay Mesa Road Parce	ls (J2)	VP ID: 78
Lythrum hyssopifolia - grass poly		<1%
Polypogon monspeliensis - rabbitfoot g	grass	<1%
Pseudognaphalium luteoalbum - fragrant everlas	sting cudweed ·	<1%
Sonchus asper ssp. asper - prickly sow t	histle	<1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Species Richness in Basin:	11

Additional Information:

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

Fiscal Year: 2024

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

VP ID: 78

2024 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	
Avena sp.	
Baccharis sarothroides - broom baccharis	
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	
Distichlis spicata - salt 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	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Lactuca serriola - prickly lettuce	
Laennecia coulteri - Coulter's horseweed	
<i>Lamarckia aurea</i> - golden-top	
Lysimachia arvensis - scarlet pimpernel	
Lysimachia minima - chaffweed	
Malosma laurina - laurel sumac	
Navarretia hamata - hooked skunkweed	
Phalaris minor - little-seeded canary grass	
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium stramineum - cotton-batting plant	
Rhus integrifolia - lemonade berry	
Rosa minutifolia - small-leaved rose	
Selaginella cinerascens - ashy spike-moss	
Simmondsia chinensis - jojoba	
Conchus generies gener prickly southistle	
Sonchus asper ssp. asper - prickly sow thistle	

Fiscal Year: 2024

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

VP ID: 78

Stipa pulchra - purple needle grass Zeltnera venusta - California centaury

Notes:

Fiscal Year: 2024			
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 89	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 63.0		
2024 Quantitative Monitoring Data			
Survey Date: 6/5/2024 Survey Start Time: 08:43 AM Survey End T		d Time: 10:02 AM	
Surveyors: Adam Skinner, Jason Allen			
VPHCP Covered Species Present: PONU	,ERAR		
Cover of ERAR in Basin: 10-259	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 10-25%		
Cover of Native Species in Basi	n: 25-50% Native Species	Richness in Basin: 12	
Other Native Species in Pool:			
Sp	ecies Name	Cover	
Artemisia califor	nica - California sagebrush	<1%	
Cylindropuntia	<i>prolifera</i> - coast cholla	<1%	
Deinandra fascio	culata - fascicled tarweed	<1%	
Deschampsia dantl	nonioides - annual hair grass	<1%	
Elatine brachysper	ma - short-seed waterwort	<1%	
Eriogonum fascicul	atum - California buckwheat	<1%	
Myosurus minimus	ssp. <i>apus</i> - little mouse tail	<1%	
Navarretia ham	ata - hooked skunkweed	<1%	
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	<1%	
Stipa lepida	- foothill needle grass	<1%	
Nonnative Species in Pool:			
Sp	ecies Name	Cover	
Bromus hor	deaceus - soft chess	<1%	
Bromus r	<i>ubens</i> - red brome	<1%	

Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	10-25%
Festuca perennis - rye grass	<1%
Lysimachia arvensis - scarlet pimpernel	10-25%

Cover of Nonnative Species in Basin: 25-50% Nonnative Species Richness in Basin: 6

Additional Information:

Bare 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: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

```
VP ID: 89
```

2024 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
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
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
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Myosurus minimus ssp. apus - little mouse tail
Navarretia hamata - hooked skunkweed
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Pseudognaphalium sp.
Pseudognaphalium stramineum - cotton-batting plant
Rosa minutifolia - small-leaved rose
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
Zeltnera venusta - California centaury

Notes:

Fiscal Yea	ar: 2024		
Complex	mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 96
2003 Bas	seline 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	
2024 Qua	antitative Monitoring Data		
Survey D	ate: 6/5/2024 Survey Star	t Time: 10:12 AM Survey En	d Time: 11:08 AM
Surveyor	's: Jason Allen, Adam Skinner		
VPHCP C	overed 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:	
	Cover of Native Species in Basin:	50-75% Native Species	s Richness in Basin: 15
Other Na	ative Species in Pool:		
	Speci	es Name	Cover
	Callitriche marginata	- winged water-starwort	<1%
	Crassula aquatica	 water pygmyweed 	<1%
	Deinandra fascicul	ata - fascicled tarweed	<1%
	Deschampsia danthor	nioides - annual hair grass	<1%
	Elatine brachyspermo	a - short-seed waterwort	<1%
	Eleocharis macrost	achya - pale spike-rush	10-25%
	Juncus bufo	<i>nius -</i> toad rush	<1%
	Lysimachia mi	inima - chaffweed	1-5%
	Myosurus minimus ss	p. <i>apus</i> - little mouse tail	<1%
	Navarretia hamata	a - hooked skunkweed	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
	Sisyrinchium bellum -	western blue-eyed-grass	<1%
	Stipa pulchra - p	ourple needle grass	<1%
	Zeltnera venusta	- California centaury	<1%
Nonnativ	ve Species in Pool:		
	Speci	es Name	Cover
	Bromus horde	<i>aceus</i> - soft chess	<1%
	Bromus rube	ens - red brome	<1%
	Festuca myuros -	rattail sixweeks grass	1-5%
	Gastridium ph	leoides - nit grass	<1%
	Lythrum hysso	pifolia - grass poly	<1%

Cover of Nonnative Species in Basin: 1-5%

Polypogon monspeliensis - rabbitfoot grass

Nonnative Species Richness in Basin: 6

<1%

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 96

2024 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
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Distichlis spicata - salt grass
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Lysimachia arvensis - scarlet pimpernel
Lysimachia minima - chaffweed
Melica imperfecta - little California melica
Mesembryanthemum crystallinum - crystalline iceplant
Navarretia hamata - hooked skunkweed
Plagiobothrys acanthocarpus - adobe popcornflower
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Rosa minutifolia - small-leaved rose
Salsola tragus - Russian thistle
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass

Fiscal Ye	ar: 2024	
Complex	Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 96
	Sonchus asper ssp. asper - prickly sow thistle	
	Stipa lepida - foothill needle grass	
	Stipa pulchra - purple needle grass	
	Zeltnera venusta - California centaury	

Notes:

-	Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2) 2003 Baseline Survey Data		VP ID: 100	
	•			
	Cover of ERAR: 80.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0	
	Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
	Intitative Monitoring Data			
Survey Da	ate: 6/5/2024 Survey Star	Time: 11:36 AM Survey End	l Time: 12:36 PM	
Surveyors	s: Ryan Meszaros, Garrett Moss			
VPHCP Co	overed Species Present: ERAR,NA	-0		
(Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
0	Cover of POAB in Basin:	Cover of PONU in Basin:		
(Cover of Native Species in Basin:	>75% Native Species	Richness in Basin: 18	
Other Na	tive Species in Pool:			
	Specie	es Name	Cover	
	Callitriche marginata	- winged water-starwort	<1%	
	Crassula aquatica	- water pygmyweed	<1%	
	Cylindropuntia pr	<i>olifera -</i> coast cholla	<1%	
	Deinandra fascicula	ta - fascicled tarweed	<1%	
	Deschampsia danthon	<i>ioides</i> - annual hair grass	<1%	
	Elatine brachysperma	- short-seed waterwort	<1%	
	Eleocharis macrosta	uchya - pale spike-rush	10-25%	
	Epilobium campestr	e - smooth boisduvalia	1-5%	
	Juncus bufor	nius - toad rush	<1%	
	Lysimachia mii	nima - chaffweed	<1%	
	Marsilea vestita	- hairy waterclover	<1%	
	Myosurus minimus ss	o. <i>apus</i> - little mouse tail	<1%	
	Navarretia hamata	- hooked skunkweed	<1%	
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%	
	Triglochin scilloides	- flowering-quillwort	<1%	
	Zeltnera venusta	- California centaury	1-5%	
Nonnativ	e Species in Pool:			
		es Name	Cover	
		aceus - soft chess	1-5%	
		ns - red brome	<1%	
		attail sixweeks grass	1-5%	
	restaca myaros - 1	attan Sinweeks Biass	T-2/0	

Cover of Nonnative Species in Basin: 5-10%

Lythrum hyssopifolia - grass poly

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 6

1-5%

1-5%

<1%

Fiscal Year: 2024	
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 100
Additional Information:	
Bare Ground Cover in Basin: 1-5% Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: <1%
Days Since Last Rain: 16 Ponded Water Present: no	
Dead Species Present in Pool:	

Fiscal Year: 2024

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

VP ID: 100

2024 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	
Avena sp.	
Baccharis salicifolia - mule fat	
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	
Distichlis spicata - salt grass	
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	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Heteromeles arbutifolia - toyon	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Laennecia coulteri - Coulter's horseweed	
Lysimachia arvensis - scarlet pimpernel	
Lysimachia minima - chaffweed	
Navarretia hamata - hooked skunkweed	
Nuttallanthus texanus - blue toadflax	
Opuntia littoralis - coast prickly-pear	
Plagiobothrys sp.	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium californicum - California everlasting	
Pseudognaphalium luteoalbum - fragrant everlasting cudweed	
Pseudognaphalium stramineum - cotton-batting plant	
Rhus integrifolia - lemonade berry	
Schismus barbatus - Mediterranean schismus	
Simmondsia chinensis - jojoba	

Fiscal	Year:	2024
--------	-------	------

```
VP ID: 100
```

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

Notes:

Fiscal Year: 2024 Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 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		
2024 Quantitative Monitoring Data			
Survey Date: 6/5/2024 Survey Sta	rt Time: 11:41 AM Survey End	d Time: 12:35 PM	
Surveyors: Jason Allen, Adam Skinner			
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:		
Cover of Native Species in Basin:	50-75% Native Species	Richness in Basin: 14	
Other Native Species in Pool:			
Spec	Species Name		
Bergia texai	na - Texas bergia	<1%	
Callitriche marginato	 winged water-starwort 	<1%	
Deinandra fascicul	ata - fascicled tarweed	<1%	
Deschampsia dantho	nioides - annual hair grass	<1%	
Elatine brachysperm	a - short-seed waterwort	<1%	
Eleocharis macrost	achya - pale spike-rush	50-75%	
Epilobium campest	Epilobium campestre - smooth boisduvalia		
Juncus bufo	Juncus bufonius - toad rush		
Myosurus minimus s	Myosurus minimus ssp. apus - little mouse tail		
Pilularia america	Pilularia americana - American pillwort		
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Triglochin scilloide	Triglochin scilloides - flowering-quillwort		
Zeltnera venusta	<1%		
Nonnative Species in Pool:			
	ies Name	Cover	

Species Name	Cover
Bromus rubens - red brome	<1%
Lythrum hyssopifolia - grass poly	<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

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

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

```
VP ID: 295
```

2024 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 pilularis - coyote brush
Baccharis salicifolia - mule fat
Bergia texana - Texas bergia
Beta vulgaris ssp. maritima - sea beet
Brassica nigra - black mustard
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Distichlis spicata - salt grass
Elatine brachysperma - short-seed waterwort
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
Euphorbia maculata - spotted spurge
Euphorbia serpens - matted sandmat
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Phytolacca sp.
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium stramineum - cotton-batting plant
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Solanum sp.
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

Fiscal Year: 2024

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

VP ID: 295

Spergularia sp.
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Notes:

Complex Name: Cal Terraces (North), Otav		VP ID: 301	
2003 Baseline Survey Data	Baseline Cover of NAFO: 0.0	Beecline Cover of OBCA: 0.0	
Baseline Cover of ERAR: 63.0		Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 2024 Quantitative Monitoring Data	Baseline Cover of PONU: 37.0		
	t Time: 02:05 PM Survey En	d Time: 03:00 PM	
Surveyors: Sara Allen, Adam Skinner	t Time. 02.05 PW Sulvey Lin		
VPHCP Covered Species Present: PONU,ER	AR		
Cover of ERAR in Basin: 25-50%		Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 25-509		
Cover of Native Species in Basin:		s Richness in Basin: 17	
Other Native Species in Pool:			
	es Name	Cover	
•	a - California sagebrush	<1%	
-	Crassula connata - pygmy-weed		
Deinandra fasciculo	ata - fascicled tarweed	<1%	
Deschampsia danthor	Deschampsia danthonioides - annual hair grass		
Elatine brachyspermo	a - short-seed waterwort	<1%	
Eleocharis macrosta	achya - pale spike-rush	1-5%	
Juncus bufo	Juncus bufonius - toad rush		
Logfia arizonica -	Logfia arizonica - Arizona cottonrose		
Myosurus minimus ss	Myosurus minimus ssp. apus - little mouse tail		
Navarretia hamata	Navarretia hamata - hooked skunkweed		
Plagiobothrys acanthoca	Plagiobothrys acanthocarpus - adobe popcornflower		
Plantago elonga	Plantago elongata - prairie plantain		
Plantago erecta	Plantago erecta - dot-seed plantain		
Pseudognaphalium stram	Pseudognaphalium stramineum - cotton-batting plant		
Psilocarphus brevissimus var.	<i>brevissimus</i> - dwarf woollyheads	5-10%	

species Name	Cover
Brachypodium distachyon - purple false brome	<1%
Bromus hordeaceus - soft chess	1-5%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	5-10%
Gastridium phleoides - nit grass	<1%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	1-5%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 9
5%

Fiscal Year: 2024

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

VP ID: 301

2024 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 Antirrhinum nuttallianum - Nuttall's Snapdragon Artemisia californica - California sagebrush Atriplex canescens - four-wing saltbush Bahiopsis laciniata - San Diego viguiera Bromus hordeaceus - soft chess Bromus rubens - red brome Centaurea melitensis - tocalote Cerastium glomeratum - sticky mouse-ear chickweed Crassula connata - pygmy-weed Cylindropuntia californica var. californica - snake cholla Deinandra fasciculata - fascicled tarweed Deschampsia danthonioides - annual hair grass Dittrichia graveolens - stinkwort Encelia californica - California encelia Erodium sp. 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 Hypochaeris glabra - smooth cat's-ear Lactuca serriola - prickly lettuce Lamarckia aurea - golden-top Logfia gallica - daggerleaf cottonrose Lysimachia arvensis - scarlet pimpernel Mirabilis laevis var. crassifolia - wishbone bush Navarretia hamata - hooked skunkweed Plantago erecta - dot-seed plantain Pogogyne nudiuscula - Otay mesa mint Pseudognaphalium biolettii - bicolor cudweed *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 Stipa pulchra - purple needle grass

Fiscal Year: 2024

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

VP ID: 301

Zeltnera venusta - California centaury

Fiscal Year: 2024	(
Complex Name: Cal Terraces	s (North), Otay	/ Mesa Road Parcels (J2)		VP ID: 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	a Data	Baseline Cover of PONU: 38.0		
2024 Quantitative Monitorin	-			
Survey Date: 6/5/2024	-	t Time: 01:55 PM Survey En	d Time: 03:09 PM	
Surveyors: Ryan Meszaros, G				
VPHCP Covered Species Pres				
Cover of ERAR in Ba	sin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in	Basin:
Cover of POAB in Ba		Cover of PONU in Basin: 25-509		
Cover of Native Spe	cies in Basin:	>75% Native Specie	s Richness in Basin:	13
Other Native Species in Pool	<u>:</u>			
	Speci	es Name		Cover
Callitric	he marginata	- winged water-starwort		<1%
Cras	ssula aquatica	- water pygmyweed		<1%
Deinc	ndra fasciculo	ata - fascicled tarweed		<1%
Deschar	npsia danthor	<i>iioides</i> - annual hair grass		<1%
Elatine	brachysperma	a - short-seed waterwort		<1%
Eleoci	haris macrosto	achya - pale spike-rush		10-25%
	Juncus bufo	nius - toad rush		<1%
Nava	rretia hamata	a - hooked skunkweed		<1%
Psilocarphus bre	evissimus var.	brevissimus - dwarf woollyheads		5-10%
Trigle	ochin scilloide:	s - flowering-quillwort		1-5%
Zelt	nera venusta	- California centaury		<1%
Nonnative Species in Pool:				
	Speci	es Name		Cover
	Bromus horde	aceus - soft chess		1-5%
Bi	romus madrite	ensis - foxtail chess		<1%
Fest	uca myuros -	rattail sixweeks grass		<1%
	Gastridium ph	leoides - nit grass		<1%
l	actuca serrio	a - prickly lettuce		<1%
Log	<i>fia gallica</i> - da	aggerleaf cottonrose		<1%
Lysir	nachia arvens	<i>is</i> - scarlet pimpernel		<1%

Bare Ground Cover in Basin: 5-10% Ponded Water Present: no Days Since Last Rain: 16

Lythrum hyssopifolia - grass poly

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Cover of Rocks/Cobble in Basin: 1-5%

Nonnative Species Richness in Basin: 10

Cover of Litter in Basin: <1%

1-5%

<1%

<1%

Dead Species Present in Pool:

Additional Information:

Cover of Nonnative Species in Basin: 1-5%

Fiscal Year: 2024

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

```
VP ID: 445
```

2024 Quantitative Monitoring Data continued

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

Sp	ecies Name
Ambrosia chenopo	diifolia - San Diego bur-sage
Artemisia califor	nica - California sagebrush
Baccharis sarotl	hroides - broom baccharis
Bahiopsis lacin	<i>iata</i> - San Diego viguiera
Brachypodium dist	achyon - purple false brome
Bromus ho	rdeaceus - soft chess
Bromus mad	dritensis - foxtail chess
Centaurea	melitensis - tocalote
Cylindropuntic	a prolifera - coast cholla
Daucus pusil	llus - rattlesnake weed
Deinandra fasci	culata - fascicled tarweed
Deschampsia dant	honioides - annual hair grass
Encelia califor	rnica - California encelia
Erigeron ca	nadensis - horseweed
Eriogonum fascicul	latum - California buckwheat
Erodium botrys -	long-beak filaree/storksbill
Eryngium aristulatum var	r. parishii - San Diego button-celery
Euphorbia	misera - cliff spurge
Ferocactus viridesc	ens - San Diego barrel cactus
Festuca myuro	s - rattail sixweeks grass
Gastridium	phleoides - nit grass
Hypochaeris g	labra - smooth cat's-ear
Lactuca ser	riola - prickly lettuce
Lamarckic	<i>aurea</i> - golden-top
Logfia gallica	- daggerleaf cottonrose
Mirabilis laevis var	. <i>crassifolia</i> - wishbone bush
Navarretia ham	nata - hooked skunkweed
Phalaris minor -	little-seeded canary grass
Pogogyne nud	<i>iuscula</i> - Otay mesa mint
Rhus integrij	<i>folia</i> - lemonade berry
Rosa minutif	olia - small-leaved rose
Simmonds	<i>ia chinensis</i> - jojoba
Sisyrinchium bellu	m - western blue-eyed-grass
Sonchus asper ssp	b. asper - prickly sow thistle
Sonchus olerace	eus - common sow thistle
Stephanomeria dieg	ensis - San Diego wreath-plant
Yucca schid	<i>ligera</i> - Mojave yucca
Zeltnera venu:	sta - California centaury

Fiscal Year: 2024

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

Notes:

VP ID: 445

Fiscal Year Complex N	: 2 024 Jame: Cal Terraces (North), Otav	y Mesa Road Parcels (J2)	VP ID: 447
2003 Base	line Survey Data		
Baseline C	over of ERAR: 63.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 0.0
Baseline C	over of POAB: 0.0	Baseline Cover of PONU: 16.0	
2024 Quar	ntitative Monitoring Data		
Survey Dat	te: 6/5/2024 Survey Star	t Time: 03:21 PM Survey End	Time: 03:52 PM
Surveyors:	: Ryan Meszaros, Garrett Moss		
VPHCP Cov	vered Species Present: ERAR,NA	FO	
C	over of ERAR in Basin: 5-10%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
C	over of POAB in Basin:	Cover of PONU in Basin:	
C	over of Native Species in Basin:	25-50% Native Species	Richness in Basin: 13
Other Nati	ive Species in Pool:		
	Speci	es Name	Cover
	Bergia texan	a - Texas bergia	<1%
	Callitriche marginata	- winged water-starwort	<1%
	Elatine brachyspermo	a - short-seed waterwort	<1%
	Eleocharis macroste	achya - pale spike-rush	1-5%
	Epilobium campestr	re - smooth boisduvalia	10-25%
	Juncus bufo	<i>nius</i> - toad rush	<1%
	Myosurus minimus ss	p. <i>apus</i> - little mouse tail	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
	Stipa pulchra - p	ourple needle grass	<1%
	Triglochin scilloide.	s - flowering-quillwort	1-5%
	Zeltnera venusta	- California centaury	<1%
Nonnative	Species in Pool:		
	Speci	es Name	Cover
	Bromus horde	<i>aceus</i> - soft chess	1-5%

Bromus hordeaceus - soft chess	1-5%
Lythrum hyssopifolia - grass poly	1-5%
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: 4

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 447

2024 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
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
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Distichlis spicata - salt grass
Encelia californica - California encelia
Erigeron canadensis - horseweed
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
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
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

-	Name: Cal Terraces (North), Ota	iy iviesa kudu Parcels (J2)	VP ID: 449
	seline Survey Data		
	Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
	Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
	antitative Monitoring Data		
-	· · ·	rt Time: 03:42 PM Survey End	d Time: 04:24 PM
-	s: Ryan Meszaros, Kelsey Woldt		
	overed Species Present: PONU,E		
	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: 50-75%	
	Cover of Native Species in Basin:	50-75% Native Species	Richness in Basin: 12
Other Na	ative Species in Pool:	-	
		ies Name	Cover
	-	ata - fascicled tarweed	<1%
		nioides - annual hair grass	<1%
		a - short-seed waterwort	<1%
	-	onius - toad rush	<1%
	,	sp. <i>apus</i> - little mouse tail	<1%
		a - hooked skunkweed	<1%
		na - American pillwort	1-5%
	- ·	arpus - adobe popcornflower	<1%
	-	a - dot-seed plantain	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	10-25%
Nonnativ	ve Species in Pool:		
	Spec	ies Name	Cover
	Av	ena sp.	<1%
	Bromus horde	eaceus - soft chess	5-10%
	Festuca myuros -	rattail sixweeks grass	<1%
	<i>Logfia gallica</i> - d	aggerleaf cottonrose	<1%
	Polypogon monspe	liensis - rabbitfoot grass	1-5%

Sonchus asper ssp. asper - prickly sow thistle **Cover of Nonnative Species in Basin:** 5-10%

Nonnative Species Richness in Basin: 6

<1%

Additional Information:

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	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

VP ID: 449

2024 Quantitative Monitoring Data continued

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

Species Name
Amsinckia sp.
Artemisia californica - California sagebrush
Avena sp.
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
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
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Grindelia camporum - gumplant
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Phacelia cicutaria - caterpillar phacelia
Plantago erecta - dot-seed plantain
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Fiscal Ye	ar: 2024				
Complex	omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)			VP ID: 450	
2003 Bas	seline 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)		
2024 Qu	antitative Monitoring Data				
Survey D	ate: 5/30/2024 Survey Star	t Time: 03:00 PM Survey	End Time: 04:00 PM		
Surveyor	's: Adam Skinner, Sara Allen				
VPHCP C	overed Species Present: PONU,ER	AR			
	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: 5-10	0%		
	Cover of Native Species in Basin:	50-75% Native Spe	cies Richness in Basin:	12	
Other Na	ative Species in Pool:				
	Speci	es Name		Cover	
	Baccharis sarothro	ides - broom baccharis		1-5%	
	Deinandra fasciculo	ata - fascicled tarweed		1-5%	
	Deschampsia danthor	<i>iioides</i> - annual hair grass		<1%	
	Navarretia hamata	a - hooked skunkweed		<1%	
	Plagiobothrys acanthoca	rpus - adobe popcornflower		<1%	
	Plantago elonga	<i>ta</i> - prairie plantain		<1%	
	Plantago erecta	- dot-seed plantain		<1%	
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyhead	S	1-5%	
	Sisyrinchium bellum -	western blue-eyed-grass		<1%	
	Zeltnera venusta	- California centaury		<1%	
Nonnativ	ve Species in Pool:				
	Speci	es Name		Cover	
	Brassica nigro	a - black mustard		<1%	
	Bromus horde	aceus - soft chess		<1%	
	Eroa	lium sp.		<1%	
	Festuca myuros -	rattail sixweeks grass		1-5%	
	<i>Logfia gallica</i> - da	aggerleaf cottonrose		<1%	
	Lysimachia arvens	<i>is</i> - scarlet pimpernel		1-5%	
	Sonchus asper ssp. a.	<i>sper</i> - prickly sow thistle		<1%	
	Cover of Nonnative Species in Ba	sin: 5-10% Nonnative	opecies Richness in Basi	in• 7	

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

Additional Information:

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: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

```
VP ID: 450
```

2024 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
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia californica var. californica - snake cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Hedypnois rhagadioloides - crete weed
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum crystallinum - crystalline iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Phacelia cicutaria - caterpillar phacelia
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass

Fiscal Year: 2024

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

VP ID: 450

Stipa lepida - foothill needle grass *Zeltnera venusta* - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)			VP ID: 451	
2003 Bas	eline Survey Data			
Baseline Cover of ERAR: 16.0 Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0		
Baseline	Cover of POAB: 0.0	Baseline Cover of PONU: 3.0		
2024 Qua	antitative Monitoring Data			
Survey Da	ate: 5/30/2024 Survey Sta	rt Time: 02:00 PM Survey En	d Time: 03:00 PM	
Surveyor	's: Adam Skinner, Sara Allen			
VPHCP Co	overed Species Present: PONU,E	RAR		
(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%		
(Cover of Native Species in Basin	: 50-75% Native Specie	s Richness in Basin: 11	
Other Na	ative Species in Pool:			
	Spec	Cover		
	Bergia texa	na - Texas bergia	50-75%	
	Elatine brachysperm	a - short-seed waterwort	<1%	
	Eleocharis macrostachya - pale spike-rush		1-5%	
	Epilobium campestre - smooth boisduvalia		1-5%	
	Grindelia camporum - gumplant		<1%	
	Laennecia coulteri - Coulter's horseweed		<1%	
	Marsilea vestita - hairy waterclover		<1%	
	Myosurus minimus ssp. apus - little mouse tail		<1%	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
Vonnativ	e Species in Pool:			
		cies Name	Cover	
	•	ra - black mustard	<1%	
	-	eaceus - soft chess	1-5%	
	Bromus rub	oens - red brome	<1%	
	Dittrichia gra	<i>veolens</i> - stinkwort	<1%	
	Erodium cicutar	<i>ium -</i> redstem filaree	<1%	
	Festuca myuros -	- rattail sixweeks grass	<1%	
	Lactuca serrio	ola - prickly lettuce	<1%	
	Lythrum hyss	opifolia - grass poly	1-5%	
	Phalaris minor - lit	tle-seeded canary grass	<1%	
	Polypogon monspe	eliensis - rabbitfoot grass	1-5%	
	Sonchus asper ssp.	<i>asper</i> - prickly sow thistle	<1%	

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 451

2024 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 Brassica nigra - black mustard Bromus hordeaceus - soft chess Bromus madritensis - foxtail chess Bromus rubens - red brome Centaurea melitensis - tocalote Croton setiger - doveweed Cylindropuntia prolifera - coast cholla Deinandra conjugens - Otay tarplant Deinandra fasciculata - fascicled tarweed Dittrichia graveolens - stinkwort 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 Glebionis coronaria - crown daisy Grindelia camporum - gumplant Lactuca serriola - prickly lettuce Logfia gallica - daggerleaf cottonrose Lycium andersonii - Anderson's desert thorn Lysimachia arvensis - scarlet pimpernel *Lythrum hyssopifolia* - grass poly Marrubium vulgare - Horehound Medicago polymorpha - California burclover Phalaris minor - little-seeded canary grass Simmondsia chinensis - jojoba Sonchus asper ssp. asper - prickly sow thistle Stipa lepida - foothill needle grass Zeltnera venusta - California centaury

Fiscal Year: 2024					
Complex Name: Cal Terrace	es (North), Ota	y Mesa Road Parcel	ls (J2)		VP ID: 452
2003 Baseline Survey Data					
Baseline Cover of ERAR: 80	0	Baseline Cover of	f NAFO: 0.0	Baseline	Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0)	Baseline Cover of	f PONU: 16.0		
2024 Quantitative Monitor	ing Data				
Survey Date: 6/5/2024	Survey Star	t Time: 03:40 PM	Survey End	Time: 04:30 PM	
Surveyors: Adam Skinner					
VPHCP Covered Species Pre	sent: PONU,EF	RAR			
Cover of ERAR in B	asin: 25-50%	Cover of NAFO in	Basin:	Cover of ORCA in	Basin:
Cover of POAB in E	Basin:	Cover of PONU in	Basin: 1-5%		
Cover of Native Sp	ecies in Basin:	25-50%	Native Species F	Richness in Basin:	14
Other Native Species in Poo	<u>ol:</u>				
	Speci	es Name			Cover
Callitri	Callitriche marginata - winged water-starwort			<1%	
D	Deinandra conjugens - Otay tarplant			<1%	
Deir	Deinandra fasciculata - fascicled tarweed			<1%	
Descha	Deschampsia danthonioides - annual hair grass			<1%	
Elatine	Elatine brachysperma - short-seed waterwort			<1%	
Eleo	Eleocharis macrostachya - pale spike-rush			1-5%	
Eriogor	um fasciculatu	<i>ım -</i> California buck	wheat		<1%
	Juncus bufo	<i>nius</i> - toad rush			<1%
Myosu	<i>rus minimus</i> ss	p. <i>apus</i> - little mou	se tail		<1%
Psilocarphus b	revissimus var.	brevissimus - dwar	f woollyheads		1-5%
Trig	lochin scilloide	s - flowering-quillw	ort		5-10%
Ze	ltnera venusta	- California centaur	γ		<1%
Nonnative Species in Pool:					
	Speci	es Name			Cover
	Bromus horde	<i>aceus</i> - soft chess			1-5%
Fes	Festuca myuros - rattail sixweeks grass			<1%	
	Festuca per	ennis - rye grass			<1%
	Gastridium ph	<i>leoides</i> - nit grass			<1%
	Lamarckia au	<i>ırea -</i> golden-top			<1%
Lo	gfia gallica - da	aggerleaf cottonros	е		<1%

Cover of Nonnative Species in Basin: 1-5%

Lythrum hyssopifolia - grass poly

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 8

<1%

<1%

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 452

2024 Quantitative Monitoring Data continued

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

Species Name
Amaranthus sp.
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Convolvulus simulans - small-flowered morning-glory
Crassula connata - pygmy-weed
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deinandra sp.
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium moschatum - greenstem filaree
Erodium sp.
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
Glebionis coronaria - crown daisy
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Plagiobothrys acanthocarpus - adobe popcornflower
Plantago erecta - dot-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2024	Fiscal	Year:	2024
-------------------	---------------	-------	------

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

```
VP ID: 452
```

Sonchus oleraceus - common sow thistle
Spergularia sp.
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)			VP ID: 459		
2003 Bas	seline Survey Data				
Baseline	Cover of ERAR: 38.0	Baseline Cover of N	NAFO: 3.0	Baseline	Cover of ORCA: 0.0
Baseline	Cover of POAB: 0.0	Baseline Cover of F	PONU: 16.0		
2024 Qua	antitative Monitoring Data				
Survey D	Date: 5/30/2024 Survey Star	t Time: 02:16 PM	Survey End 1	Time: 03:15 PM	
Surveyor	rs: Ryan Meszaros, Kelsey Woldt				
VPHCP C	overed Species Present: PONU,ER	AR			
	Cover of ERAR in Basin: 5-10%	Cover of NAFO in B	Basin:	Cover of ORCA in	Basin:
,	Cover of POAB in Basin:	Cover of PONU in B	Basin: <1%		
	Cover of Native Species in Basin:	10-25% I	Native Species R	Richness in Basin:	15
Other Na	ative Species in Pool:				
	Specie	es Name			Cover
	Bergia texana - Texas bergia				<1%
	Callitriche marginata	- winged water-starv	vort		<1%
	Deinandra sp.			<1%	
	Elatine brachysperma - short-seed waterwort			<1%	
	Eleocharis macrosta	<i>ichya</i> - pale spike-rus	sh		1-5%
	Gnaphalium palust	re - lowland cudwee	d		<1%
	Juncus bufonius - toad rush			<1%	
	Myosurus minimus ssp. apus - little mouse tail			<1%	
	Nama stenocarpa - mud nama			1-5%	
	Navarretia hamata	- hooked skunkwee	d		<1%
	Psilocarphus brevissimus var.	<i>brevissimus</i> - dwarf v	woollyheads		1-5%
	Triglochin scilloides	s - flowering-quillwor	ť		1-5%
	Zeltnera venusta	- California centaury			<1%
Nonnativ	ve Species in Pool:				
	Specie	es Name			Cover
	Bromus horded	aceus - soft chess			<1%
	Erodium botrys - long-beak filaree/storksbill		bill		<1%
	Festuca myuros - r	attail sixweeks grass	;		<1%
	Lactuca serriol	a - prickly lettuce			<1%
	Lysimachia arvens	<i>is</i> - scarlet pimperne			1-5%
	Lythrum hyssor	<i>oifolia -</i> grass poly			<1%
	Polypogon monspeli	ensis - rabbitfoot gra	ISS		<1%
	Sonchus asper ssp. as	sper - prickly sow this	stle		1-5%

Sonchus asper ssp. asper - prickly sow thistle Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 8

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

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

VP ID: 459

2024 Quantitative Monitoring Data continued

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

Species Name	
Acmispon glaber var. glabe	r - deerweed
Ambrosia chenopodiifolia - Sar	Diego bur-sage
Amsinckia sp.	
Apiastrum angustifolium - r	nock-parsley
Artemisia californica - Califor	nia sagebrush
Avena sp.	
<i>Bahiopsis laciniata -</i> San Di	ego viguiera
Bergerocactus emoryi - golder	n-spined cereus
Bergia texana - Texas	bergia
Bromus hordeaceus - s	oft chess
Bromus madritensis - for	tail chess
Bromus rubens - red	brome
Callitriche marginata - winged	water-starwort
Centaurea melitensis -	tocalote
Crassula connata - pyg	ny-weed
Cylindropuntia prolifera -	coast cholla
Deinandra conjugens - Ot	ay tarplant
Deinandra fasciculata - fasc	cled tarweed
Deschampsia danthonioides - a	nnual hair grass
Elatine brachysperma - short-	seed waterwort
Encelia californica - Califo	rnia encelia
Erigeron canadensis - ho	prseweed
Eriogonum fasciculatum - Calif	ornia buckwheat
<i>Erodium botrys</i> - long-beak fi	aree/storksbill
<i>Erodium cicutarium</i> - reds	tem filaree
Erodium moschatum - gree	nstem filaree
Eryngium aristulatum var. parishii - S	an Diego button-celery
Ferocactus viridescens - San Die	ego barrel cactus
Glebionis coronaria - cro	own daisy
Juncus bufonius - toa	d rush
Lactuca serriola - prickl	y lettuce
Lamarckia aurea - gol	den-top
<i>Logfia gallica</i> - daggerleaf	cottonrose
Lycium andersonii - Anderson	's desert thorn
Lysimachia arvensis - scarle	et pimpernel
Navarretia hamata - hooke	d skunkweed
<i>Opuntia littoralis</i> - coast p	prickly-pear
Pogogyne nudiuscula - Ota	y mesa mint

Fiscal Year: 2024

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

```
VP ID: 459
```

Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Triglochin scilloides - flowering-quillwort
Zeltnera venusta - California centaury

omplex Name: Cal Terraces (North),	Otay Mesa Road Parcels (J2)	VP ID: 464
003 Baseline Survey Data		
aseline Cover of ERAR: 16.0	Baseline Cover of ORCA: 0.0	
aseline Cover of POAB: 0.0	Baseline Cover of NAFO: 0.0 Baseline Cover of PONU: 16.0	
024 Quantitative Monitoring Data		
urvey Date: 5/29/2024 Survey	Start Time: 01:38 PM Survey End	d Time: 02:48 PM
urveyors: Sara Allen, Adam Skinner, (Clara Swanson	
PHCP Covered Species Present: PON	U,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%	
Cover of Native Species in Ba	sin: 25-50% Native Species	s Richness in Basin: <u>11</u>
ther Native Species in Pool:		
S	pecies Name	Cover
Baccharis saro	throides - broom baccharis	<1%
Bergia t	exana - Texas bergia	10-25%
Convolvulus simulan	Convolvulus simulans - small-flowered morning-glory	
Ľ	Deinandra sp.	
Eleocharis mac	Eleocharis macrostachya - pale spike-rush	
Epilobium cam	Epilobium campestre - smooth boisduvalia	
Juncus I	Juncus bufonius - toad rush	
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Zeltnera ven	<i>ısta</i> - California centaury	<1%
onnative Species in Pool:		
S	pecies Name	Cover
Bromus h	ordeaceus - soft chess	<1%
Bromus	rubens - red brome	<1%
Centaure	a melitensis - tocalote	<1%
Dittrichia	graveolens - stinkwort	<1%
Erodium cicu	<i>tarium</i> - redstem filaree	<1%
Festuca myur	os - rattail sixweeks grass	<1%
	erriola - prickly lettuce	<1%
	 daggerleaf cottonrose 	<1%
	vensis - scarlet pimpernel	1-5%
	yssopifolia - grass poly	5-10%
	speliensis - rabbitfoot grass	<1%
Sonchus asper se	sp. <i>asper</i> - prickly sow thistle	1-5%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 12

Additional Information:

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:**

Fiscal Year: 2024

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

```
VP ID: 464
```

2024 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
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena barbata - slender 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
Bromus rubens - red brome
Centaurea melitensis - tocalote
Convolvulus simulans - small-flowered morning-glory
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Dicranostegia orcuttiana - Orcutt's bird's-beak
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Euphorbia peplus - petty spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Opuntia littoralis - coast prickly-pear
Phytolacca americana var. americana - pokeweed

Fiscal Year: 2024

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

lame: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 464
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium californicum - California everlasting	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Stipa lepida - foothill needle grass	
Zeltnera venusta - California centaury	

Annual VETICE COVERED Fland	
Fiscal Year: 2024	
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 471
2003 Baseline Survey Data	
Baseline Cover of ERAR: 38.0Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 3.0
Baseline Cover of POAB: 0.0Baseline Cover of PONU: 38.0	
2024 Quantitative Monitoring Data	
Survey Date: 5/29/2024Survey Start Time: 03:00 PMSurvey End	Time: 04:02 PM
urveyors: Adam Skinner, Sara Allen, Jason Allen	
/PHCP Covered Species Present: PONU,NAFO,ERAR	
Cover of ERAR in Basin: 10-25% Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:Cover of PONU in Basin: 25-50%	
Cover of Native Species in Basin: 50-75% Native Species	Richness in Basin: 18
Other Native Species in Pool:	
Species Name	Cover
Baccharis salicifolia - mule fat	<1%
Baccharis sarothroides - broom baccharis	1-5%
Bergia texana - Texas bergia	1-5%
Cylindropuntia prolifera - coast cholla	<1%
Deinandra fasciculata - fascicled tarweed	<1%
Deinandra sp.	<1%
Deschampsia danthonioides - annual hair grass	<1%
Elatine brachysperma - short-seed waterwort	<1%
Eleocharis macrostachya - pale spike-rush	5-10%
Epilobium campestre - smooth boisduvalia	25-50%
Erigeron canadensis - horseweed	<1%
Juncus bufonius - toad rush	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	1-5%
Rhus integrifolia - lemonade berry	<1%
Zeltnera venusta - California centaury	<1%
Nonnative Species in Pool:	
Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Bromus madritensis - foxtail chess	<1%
Bromus rubens - red brome	<1%
Dittrichia graveolens - stinkwort	<1%
Erigeron bonariensis - flax-leaved horseweed	<1%
<i>Erodium</i> sp.	<1%
Festuca myuros - rattail sixweeks grass	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%

1-5%

1-5%

<1%

Lythrum hyssopifolia - grass poly

Polypogon monspeliensis - rabbitfoot grass

Pseudognaphalium luteoalbum - fragrant everlasting cudweed

al Year: 2024		
plex Name: Cal Terraces (North), Otay Me	esa Road Parcels (J2)	VP ID: 471
Sonchus asper ssp. asper	- prickly sow thistle	1-5%
Cover of Nonnative Species in Basin:	5-10% Nonnative Species Richn	ess in Basin [.] 13
cover of Normative Species in Dasin.	5-10% Normative Species Menn	
itional Information:	-10% Normative Species Mem	
itional Information:	Cover of Rocks/Cobble in Basin: 5-10%	Cover of Litter in Basin: 1-5%
itional Information: Bare Ground Cover in Basin: 10-25%		

Fiscal Year: 2024

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

```
VP ID: 471
```

2024 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
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha sp.
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deinandra sp.
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium sp.
Euphorbia serpens - matted sandmat
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Malosma laurina - laurel sumac
Phalaris minor - little-seeded canary grass
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

Fiscal Year: 2024

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

VP ID: 471

Yucca schidigera - Mojave yucca Zeltnera venusta - California centaury

Fiscal Yea Complex	Name: Cal Terraces (North), Ota	v Mesa Road Parcels (12)	VP ID: 473
-	seline Survey Data	, mesa noad i aroeis (52)	
	Cover of ERAR: 38.0	Baseline Cover of NAFO: 16.0	Baseline Cover of ORCA: 0.0
Baseline	Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2024 Qua	antitative Monitoring Data		
Survey D	ate: 6/3/2024 Survey Star	t Time: 12:55 PM Survey End	Time: 02:10 PM
Surveyor	r s: Adam Skinner, Jason Allen, Ivy	Neff	
VPHCP C	overed Species Present: PONU, EF	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: 10-25%	
	Cover of Native Species in Basin:	50-75% Native Species	Richness in Basin: 14
Other Na	ative Species in Pool:		
	Speci	es Name	Cover
	Callitriche marginata	- winged water-starwort	1-5%
	Deinandra fascicul	ata - fascicled tarweed	<1%
	Deschampsia danthor	<i>ioides</i> - annual hair grass	<1%
	Elatine brachysperme	a - short-seed waterwort	<1%
	Eleocharis macrost	achya - pale spike-rush	1-5%
	Juncus bufo	<i>nius</i> - toad rush	<1%
	Lysimachia mi	nima - chaffweed	<1%
	Myosurus minimus ss	p. <i>apus</i> - little mouse tail	<1%
	Navarretia hamata	a - hooked skunkweed	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	1-5%
	Triglochin scilloide	s - flowering-quillwort	10-25%
	Zeltnera venusta	- California centaury	<1%
Nonnativ	ve Species in Pool:		
	Speci	es Name	Cover
	Bromus horde	aceus - soft chess	<1%
	Eroc	lium sp.	<1%
	Festuca myuros -	rattail sixweeks grass	<1%
	Lysimachia arvens	sis - scarlet pimpernel	<1%
		<i>pifolia</i> - grass poly	<1%
	Polypogon monspel	iensis - rabbitfoot grass	<1%

Nonnative Species Richness in Basin: 7

<1%

Additional Information:

 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: 16
 Ponded Water Present: no
 Ponded Water Present: no

 Dead Species Present in Pool:
 Vertical State Stat

Sonchus asper ssp. asper - prickly sow thistle

Cover of Nonnative Species in Basin: 1-5%

Fiscal Year: 2024

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

```
VP ID: 473
```

2024 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
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cryptantha intermedia var. intermedia - common cryptantha
Cryptantha sp.
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Lepidium nitidum - shining peppergrass
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lythrum hyssopifolia - grass poly
Microseris douglasii ssp. platycarpha - small-flowered microseris
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba

Fiscal Ye	ar: 2024	
Complex	Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 473
	Sonchus asper ssp. asper - prickly sow thistle	
	Stipa lepida - foothill needle grass	
	Yucca schidigera - Mojave yucca	
	Zeltnera venusta - California centaury	

omplex Name: Cal Terraces (North), C	Dtay Mesa Road Parcels (J2)	VP ID: 483
2003 Baseline 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	
2024 Quantitative Monitoring Data		
Survey Date: 5/29/2024 Survey S	tart Time: 08:16 AM Survey End	Time: 09:39 AM
Surveyors: Whitney Haluza, Clara Swans	son, Adam Skinner	
VPHCP Covered Species Present: ERAR,	ORCA,PONU	
Cover of ERAR in Basin: 50-75	% Cover of NAFO in Basin:	Cover of ORCA in Basin: <1%
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Cover of Native Species in Bas	in: 50-75% Native Species	Richness in Basin: 18
Other Native Species in Pool:		
Sp	ecies Name	Cover
Callitriche margino	nta - winged water-starwort	<1%
Crassula aquat	<i>ica</i> - water pygmyweed	<1%
Deinandra fascio	<i>culata</i> - fascicled tarweed	<1%
Deschampsia danti	honioides - annual hair grass	<1%
Elatine brachysper	rma - short-seed waterwort	<1%
Eleocharis macro	ostachya - pale spike-rush	1-5%
Encelia califor	<i>nica</i> - California encelia	<1%
Epilobium campe	estre - smooth boisduvalia	<1%
Juncus bu	<i>ıfonius</i> - toad rush	<1%
Lysimachia	minima - chaffweed	<1%
Myosurus minimus	s ssp. <i>apus</i> - little mouse tail	<1%
Navarretia ham	ata - hooked skunkweed	<1%
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	5-10%
Triglochin scillo	ides - flowering-quillwort	5-10%
Zeltnera venus	sta - California centaury	<1%
Nonnative Species in Pool:		
	ecies Name	Cover
	rdeaceus - soft chess	<1%
Festuca myuro	s - rattail sixweeks grass	<1%
-	phleoides - nit grass	<1%
	aurea - golden-top	<1%
	ensis - scarlet pimpernel	<1%
-	peliensis - rabbitfoot grass	<1%
	. <i>asper</i> - prickly sow thistle	<1%

Fiscal Year: 2024		
Complex Name: Cal Terraces (North), Otay M	esa Road Parcels (J2)	VP ID: 483
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: <1%
Days Since Last Rain: 1-5	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

```
VP ID: 483
```

2024 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 diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Callitriche marginata - winged water-starwort
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
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
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
Gastridium phleoides - nit grass
Grindelia camporum - gumplant
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium sp.

Fiscal Year: 2024

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

ame: Cal Terraces (North), Otay Mesa Road Parcels (J2)	VP ID: 483
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
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	
Zeltnera venusta - California centaury	

Fiscal Yea	ar: 2024		
Complex	Name: Cal Terraces (North), Otay	VP ID: 484	
2003 Bas	seline Survey Data		
Baseline Cover of ERAR: 16.0 Baseline Cover of NAFO: 0.0			Baseline Cover of ORCA: 3.0
Baseline	Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2024 Qua	antitative Monitoring Data		
Survey D	oate: 5/29/2024 Survey Star	t Time: 09:47 AM Survey End	Time: 11:13 AM
Surveyor	r s: Clara Swanson, Adam Skinner, N	Whitney Haluza	
PHCP C	overed Species Present: ERAR,PO	NU	
1	Cover of ERAR in Basin: 10-25% Cover of NAFO in Basin:		Cover of ORCA in Basin:
1	Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
1	Cover of Native Species in Basin:	25-50% Native Species	Richness in Basin: 18
<u>Other Na</u>	ative Species in Pool:		
	Speci	es Name	Cover
	Ambrosia chenopodiif	olia - San Diego bur-sage	<1%
	Artemisia californico	a - California sagebrush	<1%
	Callitriche marginata	- winged water-starwort	<1%
	Deinandra fasciculo	<1%	
	Deschampsia danthor	<i>ioides</i> - annual hair grass	<1%
	Elatine brachyspermo	<1%	
	Eleocharis macrosto	10-25%	
	Eriogonum fasciculatu	<i>m</i> - California buckwheat	<1%
	Juncus bufor	<1%	
	Navarretia hamata	<1%	
	-	brevissimus - dwarf woollyheads	1-5%
	Rhus integrifolio	<1%	
	Simmondsia c	hinensis - jojoba	<1%
	Stipa pulchra - p	<1%	
	Triglochin scilloide	1-5%	
	Zeltnera venusta	- California centaury	<1%
Nonnativ	ve Species in Pool:		
	Speci	es Name	Cover
	Bromus horde	<1%	
	Bromus rube	ens - red brome	<1%
	Festuca myuros -	<1%	
	Lamarckia au	<i>rea</i> - golden-top	<1%
	<i>Logfia gallica</i> - da	ggerleaf cottonrose	<1%
	Polypogon monspel	iensis - rabbitfoot grass	1-5%
	Sonchus asper ssp. a	sper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7
Fiscal Year: 2024		
Complex Name: Cal Terraces (North), Otay M	VP ID: 484	
Additional Information:		
Bare Ground Cover in Basin: 25-50%	Cover of Rocks/Cobble in Basin: 25-50%	Cover of Litter in Basin: <1%
Days Since Last Rain: 1-5	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

VP ID: 484

2024 Quantitative Monitoring Data continued

ed Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter) Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia sp.
Antirrhinum nuttallianum - Nuttall's Snapdragon
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
<i>Cylindropuntia prolifera</i> - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium sp.
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
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
<i>Lamarckia aurea</i> - golden-top
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Oncosiphon pilulifer - stinknet
Peritoma arborea - bladderpod
Pogogyne nudiuscula - Otay mesa mint

Fiscal	Year:	2024

```
VP ID: 484
```

Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
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 lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 490	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 16.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/30/2024 Survey S	Start Time: 08:25 AM Survey End	Time: 10:15 AM	
Surveyors: Ryan Meszaros, Kelsey Wold	dt, Adam Skinner		
VPHCP Covered Species Present: PONU	J,ORCA,ERAR		
Cover of ERAR in Basin: 10-25	% Cover of NAFO in Basin:	Cover of ORCA in Basin: 1-5%	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Cover of Native Species in Bas	in: 50-75% Native Species F	Richness in Basin: 18	
Other Native Species in Pool:			
Sr	oecies Name	Cover	
Bergia te	xana - Texas bergia	<1%	
Callitriche margin	ata - winged water-starwort	<1%	
Crassula aqua	tica - water pygmyweed	<1%	
Deinandra fasci	culata - fascicled tarweed	<1%	
Deschampsia dant	honioides - annual hair grass	<1%	
Elatine brachyspe	rma - short-seed waterwort	<1%	
Eleocharis macr	<i>ostachya</i> - pale spike-rush	25-50%	
Epilobium camp	estre - smooth boisduvalia	<1%	
Juncus b	ufonius - toad rush	<1%	
Marsilea ves	tita - hairy waterclover	<1%	
Navarretia han	nata - hooked skunkweed	<1%	
Plagiobothrys acanth	ocarpus - adobe popcornflower	<1%	
Psilocarphus brevissimus	var. <i>brevissimus</i> - dwarf woollyheads	5-10%	
Triglochin scille	ides - flowering-quillwort	<1%	
Zeltnera venu	sta - California centaury	<1%	
Nonnative Species in Pool:			
	oecies Name	Cover	
	rdeaceus - soft chess	<1%	
Bromus	<i>rubens</i> - red brome	<1%	
Erodium cicu	<i>tarium</i> - redstem filaree	<1%	
Festuca myuro	os - rattail sixweeks grass	<1%	
	vensis - scarlet pimpernel	<1%	
	speliensis - rabbitfoot grass	<1%	
	o. <i>asper</i> - prickly sow thistle	<1%	

Fiscal Year: 2024		
Complex Name: Cal Terraces (North), Otay M	VP ID: 490	
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: <1%
Days Since Last Rain: 16	Ponded Water Present: no	
Dead Species Present in Pool:		
Days Since Last Rain: 16		Cover of Litter in Basin: <1%

Fiscal Year: 2024

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

VP ID: 490

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia sp.
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena sp.
Bahiopsis laciniata - San Diego viguiera
Bloomeria crocea - common goldenstar
Brassica nigra - black mustard
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Callitriche marginata - winged water-starwort
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
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
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
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top

Fiscal Year: 2024

Complex Name:	Cal Terraces	(North), Ot	tay Mesa	Road Parcels	5 (J2)
----------------------	--------------	-------------	----------	--------------	--------

```
VP ID: 490
```

Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Marsilea vestita - hairy waterclover
Navarretia fossalis - spreading navarretia
Navarretia hamata - hooked skunkweed
Plagiobothrys acanthocarpus - adobe popcornflower
Pogogyne nudiuscula - Otay mesa mint
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Solanum americanum - white nightshade
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Triglochin scilloides - flowering-quillwort
Zeltnera venusta - California centaury

omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 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		
2024 Quantitative Monitoring Data			
Survey Date: 5/30/2024 Survey Sta	rt Time: 11:00 AM Survey End	l Time: 11:50 AM	
Surveyors: Adam Skinner, Ryan Meszaros,	Kelsey Woldt		
VPHCP Covered Species Present: ERAR,NA	AFO,PONU		
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Cover of Native Species in Basin:	10-25% Native Species	Richness in Basin: 16	
Other Native Species in Pool:			
Spec	ies Name	Cover	
Baccharis sa	<i>licifolia</i> - mule fat	<1%	
Callitriche marginato	a - winged water-starwort	<1%	
Crassula aquatic	a - water pygmyweed	<1%	
Deinandra fascicu	ata - fascicled tarweed	<1%	
Deschampsia dantho	nioides - annual hair grass	1-5%	
Elatine brachysperm	a - short-seed waterwort	<1%	
Eleocharis macros	tachya - pale spike-rush	<1%	
Epilobium campest	re - smooth boisduvalia	<1%	
Juncus bufo	onius - toad rush	<1%	
Psilocarphus brevissimus var	. <i>brevissimus</i> - dwarf woollyheads	1-5%	
Simmondsia	chinensis - jojoba	<1%	
Triglochin scilloide	es - flowering-quillwort	1-5%	
Zeltnera venusta	- California centaury	<1%	
Nonnative Species in Pool:			
	ies Name	Cover	
Bromus horde	eaceus - soft chess	<1%	

Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Gastridium phleoides - nit grass	<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: 5

Additional Information:

Bare 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:

Fiscal Year: 2024

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

VP ID: 502

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia sp.
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dicranostegia orcuttiana - Orcutt's bird's-beak
Elatine brachysperma - short-seed waterwort
Encelia californica - California encelia
Erigeron bonariensis - flax-leaved horseweed
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
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Grindelia camporum - gumplant
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Marah macrocarpa - chilicothe
Mirabilis laevis var. crassifolia - wishbone bush

Fiscal	Year:	2024

Complex Name:	Cal Terraces	(North),	Otay Mesa	Road Parc	els (J2)
----------------------	--------------	----------	-----------	-----------	----------

```
VP ID: 502
```

Phacelia cicutaria - caterpillar phacelia
Phytolacca americana var. americana - pokeweed
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Solanum americanum - white nightshade
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Triglochin scilloides - flowering-quillwort
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Fiscal Year: 2024		
Complex Name: Cal Terraces (North),	Otay Mesa Road Parcels (J2)	VP ID: 509
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: 16.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/30/2024 Survey	Start Time: 10:16 AM Survey En	d Time: 11:25 AM
Surveyors: Ryan Meszaros, Kelsey Wo	ldt, Adam Skinner	
VPHCP Covered Species Present: PON	U,ORCA,ERAR,NAFO	
Cover of ERAR in Basin: 10-2	5% Cover of NAFO in Basin: <1%	Cover of ORCA in Basin: <1%
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Cover of Native Species in Ba	sin: 25-50% Native Specie	s Richness in Basin: 16
Other Native Species in Pool:		
s	pecies Name	Cover
Bergia t	exana - Texas bergia	<1%
Callitriche margin	nata - winged water-starwort	<1%
Crassula aqu	atica - water pygmyweed	<1%
Deinandra faso	ciculata - fascicled tarweed	<1%
Deschampsia dan	thonioides - annual hair grass	1-5%
Elatine brachysp	erma - short-seed waterwort	<1%
Eleocharis mac	rostachya - pale spike-rush	5-10%
Epilobium cam	<i>bestre</i> - smooth boisduvalia	<1%
Juncus	<i>bufonius</i> - toad rush	<1%
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	1-5%
Triglochin scill	oides - flowering-quillwort	1-5%
Zeltnera ven	usta - California centaury	<1%
Nonnative Species in Pool:		
S	pecies Name	Cover
Bromus h	ordeaceus - soft chess	<1%
Erodium cicu	<i>itarium</i> - redstem filaree	<1%
Festuca myur	os - rattail sixweeks grass	<1%
Logfia gallica	a - daggerleaf cottonrose	<1%
Lysimachia ai	<i>vensis</i> - scarlet pimpernel	<1%
Lythrum h	<i>yssopifolia -</i> grass poly	<1%
Polypogon mor	speliensis - rabbitfoot grass	<1%
Sonchus asper s	sp. <i>asper</i> - prickly sow thistle	<1%
S	pergularia sp.	<1%
Cover of Nonnative Species i	n Basin: 1-5% Nonnative Spe	ecies Richness in Basin: 9

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 9

Additional Information:

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 Dead Species Present in Pool:

Fiscal Year: 2024

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

```
VP ID: 509
```

2024 Quantitative Monitoring Data continued

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
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Elatine brachysperma - short-seed waterwort
Encelia californica - California encelia
Erigeron sumatrensis - tropical horseweed
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
Festuca myuros - rattail sixweeks grass
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lamarckia aurea - golden-top
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Melilotus indicus - annual yellow sweetclover
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Pilularia americana - American pillwort

Fiscal	Year:	2024

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

```
ch), Otay Mesa Road Parcels (J2)

Pogogyne nudiuscula - Otay mesa mint

Polypogon monspeliensis - rabbitfoot grass

Pseudognaphalium sp.

Pseudognaphalium stramineum - cotton-batting plant

Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

Rhus integrifolia - lemonade berry
```

 Kniss integrijolid - iemonade berry

 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

 Triglochin scilloides - flowering-quillwort

 Yucca schidigera - Mojave yucca

 Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 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 POAB: 0.0	Baseline Cover of PONU: 3.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/30/2024 Survey Sta	rt Time: 12:14 PM Survey En	d Time: 01:05 PM
Surveyors: Ryan Meszaros, Kelsey Woldt		
VPHCP Covered Species Present: PONU,E	RAR,ORCA	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin: 10-25%
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Cover of Native Species in Basin	: 50-75% Native Specie	s Richness in Basin: 13
Other Native Species in Pool:		
Spec	ies Name	Cover
Ambrosia pumilo	r - San Diego ambrosia	<1%
Callitriche marginate	a - winged water-starwort	<1%
Dein	andra sp.	<1%
Deschampsia dantha	nioides - annual hair grass	1-5%
Elatine brachysperma - short-seed waterwort		<1%
Eleocharis macros	<i>tachya</i> - pale spike-rush	5-10%
Navarretia hamat	ta - hooked skunkweed	<1%
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%
Triglochin scilloid	es - flowering-quillwort	<1%
Zeltnera venusta	a - California centaury	<1%
Nonnative Species in Pool:		
Spec	cies Name	Cover
Bromus hord	eaceus - soft chess	<1%
Festuca myuros -	- rattail sixweeks grass	<1%
Festuca per	rennis - rye grass	<1%
Gastridium p	hleoides - nit grass	<1%
Lythrum hysse	opifolia - grass poly	1-5%
Phalaris minor - lit	tle-seeded canary grass	<1%
Polypogon monspe	eliensis - rabbitfoot grass	5-10%
Sonchus asper ssp.	<i>asper</i> - prickly sow thistle	<1%

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool: Baccharis sarothroides

Fiscal Year: 2024

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

VP ID: 591

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Ambrosia pumila - San Diego ambrosia
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena fatua - wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra conjugens - Otay tarplant
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
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Grindelia camporum - gumplant
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed

Fisca	Year:	2024

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

e: Cal Terraces (North), C	Dtay Mesa Road Parcels (J2)		VP ID: 591
Pseu	<i>idognaphalium luteoalbum</i> - fragran	t everlasting cudweed	
	Pseudognaphalium stramineum - co	tton-batting plant	
Psilo	ocarphus brevissimus var. brevissimu	s - dwarf woollyheads	
	Salsola tragus - Russian t	histle	
	Simmondsia chinensis - j	ojoba	
	Sonchus asper ssp. asper - prick	ly sow thistle	
	Sonchus oleraceus - common	sow thistle	
	Stipa lepida - foothill need	le grass	
	Stipa pulchra - purple need	lle grass	
	Yucca schidigera - Mojave	e yucca	
	Zeltnera venusta - California	centaury	

scal Year: 2024 pmplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		VP ID: 1310	
2003 Baseline Survey Data	,		
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 1.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 15.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/30/2024 Survey Sta	rt Time: 12:59 PM Survey End	l Time: 01:53 PM	
Surveyors: Sara Allen, Adam Skinner			
VPHCP Covered Species Present: PONU,N	AFO,ERAR,ORCA		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin: <1%	
Cover of POAB in Basin:	Cover of PONU in Basin: 10-25%		
Cover of Native Species in Basin	50-75% Native Species	Richness in Basin: 15	
Other Native Species in Pool:			
Spec	Species Name		
Callitriche marginate	Callitriche marginata - winged water-starwort		
Deinandra conju	Deinandra conjugens - Otay tarplant		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Elatine brachysperm	a - short-seed waterwort	<1%	
Eleocharis macros	tachya - pale spike-rush	5-10%	
Epilobium campest	re - smooth boisduvalia	<1%	
Lysimachia m	inima - chaffweed	<1%	
Plantago elong	ata - prairie plantain	<1%	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Triglochin scilloide	Triglochin scilloides - flowering-quillwort		
Zeltnera venusta	Zeltnera venusta - California centaury		
Nonnative Species in Pool:			
Spec	ies Name	Cover	

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	1-5%
Lythrum hyssopifolia - grass poly	<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: 6

Additional Information:

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

Fiscal Year: 2024

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

VP ID: 1310

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Acmispon micranthus - Grab Lotus
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
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Gastridium phleoides - nit grass
Grindelia camporum - gumplant
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Phalaris minor - little-seeded canary grass
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass

Fiscal Year: 2024

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

VP ID: 1310

Yucca schidigera - Mojave yucca Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North),	VP ID: 1321	
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	
2024 Quantitative Monitoring Data		
Survey Date: 6/3/2024 Survey	Start Time: 02:31 PM Survey End T	ime: 03:31 PM
Surveyors: Jason Allen, Adam Skinner,	Ivy Neff	
VPHCP Covered Species Present: PON	U,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%	
Cover of Native Species in Ba	sin: 50-75% Native Species R	ichness in Basin: 11
Other Native Species in Pool:		
S	pecies Name	Cover
Deinandra co	onjugens - Otay tarplant	<1%
Deinandra fasc	ciculata - fascicled tarweed	<1%
Deschampsia dan	thonioides - annual hair grass	1-5%
Elatine brachyspe	Elatine brachysperma - short-seed waterwort	
Eleocharis mac	Eleocharis macrostachya - pale spike-rush	
Epilobium camp	pestre - smooth boisduvalia	10-25%
Juncus k	Juncus bufonius - toad rush	
Pilularia amer	Pilularia americana - American pillwort	
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Nonnative Species in Pool:		
	pecies Name	Cover
Bromus he	ordeaceus - soft chess	<1%
Bromus	<i>rubens</i> - red brome	<1%
Dittrichia	graveolens - stinkwort	<1%
Festuca myur	os - rattail sixweeks grass	<1%
Festuca	perennis - rye grass	<1%
Lysimachia ar	vensis - scarlet pimpernel	<1%
Lythrum h	<i>yssopifolia -</i> grass poly	5-10%
Phalaris minor	- little-seeded canary grass	<1%
Polypogon mon	speliensis - rabbitfoot grass	10-25%
	p. <i>asper</i> - prickly sow thistle	<1%

Additional Information:

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 16 Dead Species Present in Pool:

Ponded Water Present: no

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

Fiscal Year: 2024

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

```
VP ID: 1321
```

2024 Quantitative Monitoring Data continued

Species Name
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
Bromus madritensis - foxtail chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Glebionis coronaria - crown daisy
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Phalaris minor - little-seeded canary grass
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Ricinus communis - castor bean
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass

Fiscal Year: 2024

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

VP ID: 1321

Sonchus asper ssp. asper - prickly sow thistle

Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)				VP ID: 1713	
2003 Baseline Survey Data					
Baseline Cover of ERAR: 2.0)	Baseline Cover of NA	O: 0.0	Baseline	Cover of ORCA: 0.0
Baseline Cover of POAB: 0.	0	Baseline Cover of POI	NU: 0.5		
2024 Quantitative Monitor	ing Data				
Survey Date: 5/29/2024	Survey Star	t Time: 12:07 PM	Survey End	Time: 01:14 PM	
Surveyors: Adam Skinner, G	Clara Swanson				
VPHCP Covered Species Pre	esent: PONU,EF	RAR			
Cover of ERAR in E	Basin: 25-50%	Cover of NAFO in Bas	in:	Cover of ORCA in	Basin:
Cover of POAB in	Basin:	Cover of PONU in Bas	in: 1-5%		
Cover of Native Sp	ecies in Basin:	50-75% Nat	ive Species I	Richness in Basin:	12
Other Native Species in Po	ol:				
	Speci	es Name			Cover
Callitr	iche marginata	- winged water-starwor	t		<1%
Cr	Crassula aquatica - water pygmyweed			<1%	
Dei	Deinandra fasciculata - fascicled tarweed			<1%	
Descho	Deschampsia danthonioides - annual hair grass			1-5%	
Elatin	Elatine brachysperma - short-seed waterwort			<1%	
Epilo	Epilobium campestre - smooth boisduvalia			<1%	
	Juncus bufonius - toad rush			<1%	
ŀ	Plantago erecta - dot-seed plantain			<1%	
Psilocarphus b	<i>revissimus</i> var.	brevissimus - dwarf woo	ollyheads		5-10%
Trig	glochin scilloide	s - flowering-quillwort			1-5%
Nonnative Species in Pool:					
	Speci	es Name			Cover
	Bromus horde	<i>aceus</i> - soft chess			<1%
Fe	stuca myuros -	rattail sixweeks grass			<1%
	Festuca per	ennis - rye grass			<1%
Le	ogfia gallica - d	aggerleaf cottonrose			<1%
Lys	simachia arven:	sis - scarlet pimpernel			<1%
	Lythrum hysso	<i>pifolia</i> - grass poly			5-10%
Pha	<i>laris minor</i> - litt	le-seeded canary grass			<1%
Poly	pogon monspel	<i>iensis</i> - rabbitfoot grass			1-5%
					-

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 8

Additional Information:

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

Fiscal Year: 2024

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

VP ID: 1713

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Callitriche marginata - winged water-starwort
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Elatine brachysperma - short-seed waterwort
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Eriogonum fasciculatum - California buckwheat
Erodium cicutarium - redstem filaree
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Navarretia hamata - hooked skunkweed
Opuntia littoralis - 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
Rumex crispus - curly dock
Simmondsia chinensis - jojoba

Fiscal Year: 2024

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

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

Spergularia bocconi - Boccone's sand-spurrey

Fiscal Ye	ar: 2024		
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)			VP ID: 1724
2003 Bas	seline 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	
2024 Qu	antitative Monitoring Data		
Survey D	Date: 6/3/2024 Survey Star	t Time: 09:00 AM Survey End	Time: 10:00 AM
Surveyo	r s: Adam Skinner		
VPHCP C	overed 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:	
	Cover of Native Species in Basin:	25-50% Native Species F	Richness in Basin: 13
Other Na	ative Species in Pool:		
	Speci	es Name	Cover
	Antirrhinum nuttallian	um - Nuttall's Snapdragon	<1%
	Cyperus eragro	ostis - tall flatsedge	<1%
	Deinandra fascicul	ata - fascicled tarweed	<1%
	Deine	andra sp.	<1%
	Elatine brachysperma - short-seed waterwort		<1%
	Eleocharis macrostachya - pale spike-rush		10-25%
	Epilobium campestre - smooth boisduvalia		10-25%
	Juncus bufonius - toad rush		<1%
	Marsilea vestita - hairy waterclover		<1%
	Pilularia americar	a - American pillwort	<1%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
	Triglochin scilloide	s - flowering-quillwort	<1%
Nonnativ	ve Species in Pool:		
	Speci	es Name	Cover
	Amar	anthus sp.	<1%
	Bromus horde	aceus - soft chess	<1%
	Bromus rub	ens - red brome	<1%
	Centaurea me	elitensis - tocalote	<1%
	Dittrichia graveolens - stinkwort		<1%
	Euphorbia maculata - spotted spurge		<1%
	Glebionis corol	naria - crown daisy	<1%
	Lysimachia arvens	sis - scarlet pimpernel	<1%
	Lythrum hysso	<i>pifolia</i> - grass poly	5-10%
	Phyto	olacca sp.	<1%

Cover of Nonnative Species in Basin: 10-25% Nor

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 12

1-5%

<1%

Fiscal Year: 2024				
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)				
Additional Information:				
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: 16	Ponded Water Present: no			
Dead Species Present in Pool:				

Fiscal Year: 2024

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

VP ID: 1724

2024 Quantitative Monitoring Data continued

Amaranthus albus - tumbleweedAmaranthus blitoides - procumbent pigweedBaccharis santhroides - broom baccharisBaccharis santhroides - broom baccharisBahiopsis lacinita - San Diego viguieraBarinus rubers - red bromeCentaurea melitensis - tocaloteCentaurea melitensis - tocaloteCyperus eragrostis - tall flatsedgeDacucs pusiflus - rattlesnake weedDeinandra fasciculat a - fascicled tarweedDeinandra fasciculat a - fascicled tarweedElectharis macrostachy - pale spike-rushElectharis macrostachy - pale spike-rushEneglia cultarium - redstem filareeEroigonum fasciculatar - spotted spurgeEuphorbin anaculata - spotted spurgeEuphorbin anculata - spotted spurgeElectharis maculatar - spotted spurgeElectoris maculatar - spotted spurgeEuphorbin anculata - spotted spurgeEuphorbin anculata - spotted spurgeEuphorbin acconsers - san Diego barrel catusFeroacuus buffonis - coal rushElectoria surgers - spotted spurgeEuphorbin acconsers - san Diego barrel catusFeroacuus buffonis - coad rushLaennecia coulteri - Coulter's horseweedLaennecia coulteri - Coulter's horseweedLaennecia coulteri - spotted pillwortPolytolacca sp.Phytolacca	Species Name
Baccharis pilularis - coyote brushBaccharis sarothroides - broom baccharisBahiopsis laciniata - San Diego viguieraBromus hordeaceus - soft chessBromus nubera - red bromeCentaurea melitensis - tocaloteCylindropuntia prolifera - coast chollaCyperus eragrostis - tall flatsedgeDacus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortElecharis macrostachya - pale spike-rushElecharis macrostachya - pale spike-rushEroilioum campestre - smooth boisduvaliaEriogonum fasciculatur - california buckwheatEroilium sp.Eroilium sp.Elecharis serpens - mated sandmatEpilobium campestre - smooth boisduvaliaEriogonum fasciculatur - california buckwheatEroilium sp.Eryngium aristulatum var. parishii - San Diego batton-celeryEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusLacennecia coulteri - Coulter's horseweedLacennecia coulteri - Coulter's horseweedLacennecia coulteri - Coulter's horseweedLussub fanius - scarlet pimpernelLystmachia arvensis - scarlet pimpernelLyst	Amaranthus albus - tumbleweed
Baccharis sarathroides - broom baccharisBahiopsis laciniata - San Diego viguieraBromus hordeaceus - soft chessBromus nubers - red bromeCentaurea melitensis - tocaloteCylindropuntia prolifera - coast chollaCyperus eragrostis - tall flatsedgeDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortEleacharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEroidum sp.Eroidum sy.Eroyaguum aristulatum var. parishii - San Diego button-celeryEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego button-celeryEuphorbia maculata - sported spurgeEuphorbia maculata - sported spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego button-celeryEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusLacennecia coulteri - Coulter's horseweedLucuus bufonius - toad rushLacennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pinpernelLysimachia arvensis - rabbitfoot grassPolypagan monspeliensis - rabbitfoot grassPolypagan	Amaranthus blitoides - procumbent pigweed
Bahiapsis lacinitat - San Diego viguieraBromus hordeaceus - soft chessBromus nubens - red bromeCentaurea melitensis - tocaloteCylindropuntia prolifera - coast chollaCylindropuntia prolifera - coast chollaCyperus eragrostis - tail flatsedgeDaccus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortEleatine brachysperma - short-seed waterwortEleatine brachysperma - short-seed waterwortEleatine brachysperma - short-seed waterwortEleatine brachysperma - Short-seed starweotEleatine brachysperma - Short-seed starweotEleatine brachysperma - Short-seed starwortEleatine california - California buckwheatErodium sp.Erodium sp.Eryngium aristulatum wa: parishii - San Diego button-celeryEuphorbia aerpens - matted sandmatFerocactus viridescens - San Diego batten -celeryEuphorbia scronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLysimachia arvensis - rabbitfoot grass<	Baccharis pilularis - coyote brush
Bromus hordeaceus - soft chessBromus rubens - red bromeCentaurea melitensis - tocaloteCylindropunta prolifera - coast chollaCyperus eragrostis - tall flatsedgeDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEncelia california enceliaEriogonum fasciculatur - california buckwheatEriogonum fasciculatur - redstem filareeEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFeroactus viridescens - San Diego button-celeryEuphorbia scronaria - crown dalsyGelebionis coronaria - crown dalsyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLatennecia caulteri - Coulter's horseweedLysimachia arvensis - scaltet pimpernelLysimachia arvensis - scaltet pillovortPhytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacra sp.Phytolacca sp.Phy	Baccharis sarothroides - broom baccharis
Bromus rubens - red bromeCentaurea melitensis - tocaloteCylindropuntia prolifera - coast chollaCyperus eragrostis - tail flatsedgeDaucus pusillus - rattiesnake weedDeinandra fasciculata - fascicled tarweedDeinandra sp.Ottrichia graveolens - stinkwortEleacharis macrostachya - pale spike-rushEleacharis macrostachya - pale spike-rushEncelia californica - California buckwheatEpilobium campestre - smooth boisduvaliaEleacharis macrostachya - pale spike-rushErodium cicutarium - redstem filareeErodium sp.Erodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted spurgeGlebionis coronaria - crown daisyHeteromeles arbuitfjölia - toyonJuncus bufonius - toad rushLysimachia arvensis - scalet pimpernelLysimachia arvensis - scalet pimpernelLysimachia arvensis - scalet pimpernelLysimachia arvensis - rabbitfoot grassPilularia a maericana - American pillwort <trr>Polypogon monspeliensis - r</trr>	Bahiopsis laciniata - San Diego viguiera
Centaurea melitensis - tocaloteCylindropuntia prolifera - coast chollaCyperus eragrostis - tall flatsedgeDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortEletacharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaErodium graveolutarium - redstem filareeErodium aristulatum var. parishii - San Diego button-celeryEuphorbia serpens - matted sandmatFeroactus viridescens - San Diego barrel cactusFeroactus viridescens - San Diego barrel cactusLuturus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytopa manspeliensis - rabbitfoot grass<	Bromus hordeaceus - soft chess
Cylindropuntia prolifera - coast chollaCyperus eragrostis - tall flatsedgeDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperm - short-seed waterwortEleocharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEroigonum fasciculatur - California buckwheatEroigonum fasciculatur - redstem filareeEroigum aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFeroaccus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelPhytolacca sp.Phytolacca sp	Bromus rubens - red brome
Cyperus eragrostis - tall flatsedgeDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaErodium cicuutarium - california buckwheatErogium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFeroacctus viridescens - San Diego button-celeryEuphorbia serpens - matted sandmatFeroacctus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyLeannecia coulteri - Coulteri ' horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelPhytolacca sp.Plularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grass	Centaurea melitensis - tocalote
Daucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEroigonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelPhytolacca sp.Phytolacca sp.<	Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweedDeinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEleocharis macrostachya - pale spike-rushErosigonum fasciculatum - California enceliaErosigonum fasciculatum - California buckwheatErosigonum fasciculatum - california buckwheatErosigonum fasciculatum var. parishii - San Diego button-celeryEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelPhytola	Cyperus eragrostis - tall flatsedge
Deinandra sp.Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortEleacharis macrostachya - pale spike-rushEncelia californica - California enceliaEncelia californica - California buckwheatEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLagennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytogogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Daucus pusillus - rattlesnake weed
Dittrichia graveolens - stinkwortElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium cicutarium - redstem filareeErodium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPoseudognaphalium stramineum - cotton-batting plant	Deinandra fasciculata - fascicled tarweed
Elatine brachysperma - short-seed waterwortElacharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium ciutarium - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyLaennecia coulteri - Coulter's horseweedLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacca sp.Phytolacg and pantile stramineum - cotton-batting plant	Deinandra sp.
Eleocharis macrostachya - pale spike-rushEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusGlebionis coronaria - crown daisyGlebionis coulteri - coulter's horseweedLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Polypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Dittrichia graveolens - stinkwort
Encelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - scarlet pimpernelPhytolacca sp.Phytolacca sp. </td <td>Elatine brachysperma - short-seed waterwort</td>	Elatine brachysperma - short-seed waterwort
Epilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatEriogonum fasciculatum - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusGlebionis coronaria - crown daisyGlebionis coronaria - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia arvensis - son pilwortPhytolacca sp.Phytolacca sp.Polypogon monspeliensis - rabbitfoot grassPoseudognaphallum stramineum - cotton-batting plant	Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyJuncus bufonius - toad rushJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Polypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Encelia californica - California encelia
Erodium cicutarium - redstem filareeErodium sp.Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLysimachia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Epilobium campestre - smooth boisduvalia
Erodium sp.ControlControControlCo	Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Erodium cicutarium - redstem filaree
Euphorbia maculata - spotted spurgeEuphorbia serpens - matted sandmatEuphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Phytolacca sp.Polypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Erodium sp.
Euphorbia serpens - matted sandmatFerocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactusFestuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Euphorbia maculata - spotted spurge
Festuca perennis - rye grassGlebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Euphorbia serpens - matted sandmat
Glebionis coronaria - crown daisyHeteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Ferocactus viridescens - San Diego barrel cactus
Heteromeles arbutifolia - toyonJuncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Phytolacca sp.Polypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Festuca perennis - rye grass
Juncus bufonius - toad rushLaennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Glebionis coronaria - crown daisy
Laennecia coulteri - Coulter's horseweedLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyPhytolacca sp.Pilularia americana - American pillwortPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plant	Heteromeles arbutifolia - toyon
Lysimachia arvensis - scarlet pimpernel Lythrum hyssopifolia - grass poly Phytolacca sp. Pilularia americana - American pillwort Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant	Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly Phytolacca sp. Pilularia americana - American pillwort Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant	Laennecia coulteri - Coulter's horseweed
Phytolacca sp. Pilularia americana - American pillwort Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant	Lysimachia arvensis - scarlet pimpernel
Pilularia americana - American pillwort Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant	Lythrum hyssopifolia - grass poly
Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant	Phytolacca sp.
Pseudognaphalium stramineum - cotton-batting plant	Pilularia americana - American pillwort
	Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	Pseudognaphalium stramineum - cotton-batting plant
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry	Rhus integrifolia - lemonade berry

Fisca	l Year:	2024
-------	---------	------

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

Solanum sp.		
Sonchus asper ssp. asper - prickly sow thistle		
Triglochin scilloides - flowering-quillwort		
Zeltnera venusta - California centaury		

2003 Baseline Survey Data Baseline Cover of ERAR: 1.0 Baseline Cover of NAFO: 0.0 Baseline Cover of OR Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 1.0 2024 Quantitative Monitoring Data Survey Date: 6/7/2024 Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Surveyors: Ryan Meszaros, Kelsey Woldt 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: Cover of Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1% Deschampsia danthonioides - annual hair grass <1% Eleocharis macrostachya - pale spike-rush 25-50% Triglochin scilloides - flowering-quillwort <1% Zeltnera venusta - California centaury <1% Nonnative Species in Pool: Species Name Cover Helminthotheca echioides - bristly ox-tongue <1% Lythrum hyssopifolia - grass poly <1% Polypagon monspeliensis - rabbitfoot grass 1-5% Cover of Nonnative Species in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 3-4dditional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 3-40%	
Baseline Cover of EAR: 1.0 Baseline Cover of NAFO: 0.0 Baseline Cover of OR Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 1.0 2024 Quantitative Monitoring Data Survey Date: 6/7/2024 Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Surveyors: Ryan Meszaros, Kelsey Woldt 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: Cover of POAB in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1% Deschampsia danthonioides - annual hair grass <1% Eleocharis macrostachya - pale spike-rush 25-50% Triglochin scilloides - flowering-quillwort <1% Zeltnera venusta - California centaury <1% Nonnative Species in Pool: Species Name Cover Helminthotheca echioides - bristly ox-tongue <1% Dypogon monspeliensis - rabbitfoot grass 1-5% Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3 Additional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 5-10% Cover of Rocks/Cobble in Basin: 5-10	D: 2022
Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 1.0 2024 Quantitative Monitoring Data Survey Date: 6/7/2024 Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Surveyors: Ryan Meszaros, Kelsey Woldt VPHCP Covered Species Present: ERAR Cover of POAB in Basin: 10-25% Cover of NAFO in Basin: Cover of ORCA in Basin: Cover of POAB in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1% Deschampsia danthonioides - annual hair grass <1% Eleocharis macrostachya - pale spike-rush 25-50% Triglochin scilloides - flowering-quillwort <1% Zeltnera venusta - California centaury <1% Nonnative Species in Pool: Nonnative Species in Pool: Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3 Additional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 3	
2024 Quantitative Monitoring Data Survey Date: 6/7/2024 Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Surveyors: Ryan Meszaros, Kelsey Woldt 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: Cover of ORCA in Basin: Cover of Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover 6 Collitriche marginata - winged water-starwort <1%	CA: 0.0
Survey Date: 6/7/2024 Survey Date: 6/7/2024 Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Survey Start Time: 08:42 AM Survey End Time: 09:41 AM Survey Start Time: 09:41 AM Survey Start Time: 09:41 AM Survey Start Time: 09:41 AM Survey End Time:	
Surveyors: Ryan Meszaros, Kelsey Woldt 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: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Callitriche marginata - winged water-starwort <1% Deschampsia danthonioides - annual hair grass <1% Eleocharis macrostachya - pale spike-rush 25-50% Triglochin scilloides - flowering-quillwort <1% Zeltnera venusta - California centaury <1% Nonnative Species in Pool: Cover of Nonnative Species in Basin: 0-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin:	
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: Cover of PONU in Basin: Cover of Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: 6 Other Native Species in Pool: Callitriche marginata - winged water-starwort <1%	
Cover of ERAR in Basin: 10-25% Cover of NAFO in Basin: Cover of ORCA in Basin: Cover of POAB in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1%	
Cover of POAB in Basin: Cover of PONU in Basin: Cover of Native Species in Basin: 50-75% Native Species Richness in Basin: 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1%	
Cover of Native Species in Basin: 50-75% Native Species Richness in Basin: 6 6 Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1%	
Other Native Species in Pool: Species Name Cover Callitriche marginata - winged water-starwort <1%	
Species NameCoverCallitriche marginata - winged water-starwort<1%	
Callitriche marginata - winged water-starwort<1%	
Deschampsia danthonioides - annual hair grass <1%	
Eleocharis macrostachya - pale spike-rush 25-50% Triglochin scilloides - flowering-quillwort <1%	
Triglochin scilloides - flowering-quillwort <1%	
Zeltnera venusta - California centaury <1%	
Nonnative Species in Pool: Species Name Cover Helminthotheca echioides - bristly ox-tongue <1%	
Species NameCoverHelminthotheca echioides - bristly ox-tongue<1%	
Helminthotheca echioides - bristly ox-tongue <1%	
Lythrum hyssopifolia - grass poly <1%	
Polypogon monspeliensis - rabbitfoot grass 1-5% Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3 Additional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 5-10%	
Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3 Additional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 5-10%	
Additional Information: Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Ba	
Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Ba	
Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Ba	
	sin: <1%
Days Since Last Rain: 16 Ponded Water Present: no	····· /T/0
Dead Species Present in Pool: N/A	

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2022

2024 Quantitative Monitoring Data continued

al	eu species în Burler. (Burler – 20 100t or o 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
	Brachypodium distachyon - purple false brome
	Bromus madritensis - foxtail chess
	Centaurea melitensis - tocalote
	Crassula connata - pygmy-weed
	Cylindropuntia californica var. californica - snake cholla
	Deinandra fasciculata - fascicled tarweed
	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
	Euphorbia misera - cliff spurge
	Festuca myuros - rattail sixweeks grass
	Gamochaeta stagnalis - desert cudweed
	Glebionis coronaria - crown daisy
	Heliotropium curassavicum var. oculatum - seaside heliotrope
	Helminthotheca echioides - bristly ox-tongue
	Hirschfeldia incana - short-pod mustard
	Hypochaeris glabra - smooth cat's-ear
	Juncus bufonius - toad rush
	Laennecia coulteri - Coulter's horseweed
	Lycium andersonii - Anderson's desert thorn
	Lysimachia arvensis - scarlet pimpernel
	Malosma laurina - laurel sumac
	Matricaria discoidea - pineapple weed
	Medicago polymorpha - California burclover
	Navarretia hamata - hooked skunkweed
	Peritoma arborea - bladderpod
	Phacelia cicutaria - caterpillar phacelia
	Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
	Polypogon monspeliensis - rabbitfoot grass
	Pseudognaphalium luteoalbum - fragrant everlasting cudweed

Fiscal Year: 2024

Complex	Complex Name: Cal Terraces (South) (J14)		
	Pseudognaphalium stramineum - cotton-batting plant		
	Rhus integrifolia - lemonade berry		
	Rosa minutifolia - small-leaved rose		
	Selaginella cinerascens - ashy spike-moss		
	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		

Notes: Algal mats observed in the pool.

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14	.)	VP ID: 2025
2003 Baseline Survey Data	1	
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: 5.0	
2024 Quantitative Monitoring Data		
Survey Date: 6/7/2024 Survey Sta	rt Time: 11:49 AM Survey End	d Time: 12:59 PM
Surveyors: Ryan Meszaros, Kelsey Woldt		
VPHCP Covered Species Present: ERAR, PC	DNU	
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: <1%	
Cover of Native Species in Basin	50-75% Native Species	Richness in Basin: <u>1</u> 4
Other Native Species in Pool:		
Spec	ies Name	Cover
Callitriche marginate	a - winged water-starwort	<1%
Crassula aquatic	a - water pygmyweed	<1%
Deinandra fascicu	lata - fascicled tarweed	<1%
Deschampsia dantho	<i>nioides</i> - annual hair grass	<1%
Eleocharis macros	<i>tachya</i> - pale spike-rush	25-50%
Frankenia sc	<i>ılina -</i> alkali heath	<1%
Juncus bufe	onius - toad rush	<1%
Myosurus minimus s	sp. <i>apus -</i> little mouse tail	<1%
Navarretia hamat	ta - hooked skunkweed	<1%
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%
Triglochin scilloide	es - flowering-quillwort	1-5%
Nonnative Species in Pool:		
Spec	ies Name	Cover

Species Name	Cover
Amaranthus sp.	<1%
Centaurea melitensis - tocalote	<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: 5-10% Nonnative Species Richness in Basin: 5

Additional Information:

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	
Dood Species Present in Pool: N/A		

Dead Species Present in Pool: N/A

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2025

2024 Quantitative Monitoring Data continued

	Species Name
	Acmispon glaber var. glaber - deerweed
	Amblyopappus pusillus - pineapple-weed
A	mbrosia chenopodiifolia - San Diego bur-sage
	Apiastrum angustifolium - mock-parsley
	Artemisia californica - California sagebrush
Ast	ragalus trichopodus - Santa Barbara milk vetch
	Baccharis sarothroides - broom baccharis
	Bahiopsis laciniata - San Diego viguiera
L	Bergerocactus emoryi - golden-spined cereus
	Bergia texana - Texas bergia
	Bromus diandrus - ripgut grass
	Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
C	allitriche marginata - winged water-starwort
	Centaurea melitensis - tocalote
	Crassula aquatica - water pygmyweed
	Crassula connata - pygmy-weed
	Cryptantha sp.
	Cylindropuntia prolifera - coast cholla
	Deinandra conjugens - Otay tarplant
	Deinandra fasciculata - fascicled tarweed
D	eschampsia danthonioides - annual hair grass
	Dittrichia graveolens - stinkwort
	Dudleya edulis - ladies' fingers
	Dudleya pulverulenta - chalk dudleya
E	latine brachysperma - short-seed waterwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Epilobium campestre - smooth boisduvalia
	Erigeron canadensis - horseweed
EI	iogonum fasciculatum - California buckwheat
	Erodium cicutarium - redstem filaree
Eryngiui	n aristulatum var. parishii - San Diego button-celery
	Euphorbia misera - cliff spurge
Fe	procactus viridescens - San Diego barrel cactus
	Festuca myuros - rattail sixweeks grass
	Frankenia salina - alkali heath
	Juncus bufonius - toad rush

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

```
VP ID: 2025
```

Lamarckia aurea - golden-top	
Logfia arizonica - Arizona cottonrose	
Logfia gallica - daggerleaf cottonrose	
Lycium californicum - California box-thorn	
Lysimachia arvensis - scarlet pimpernel	
Malosma laurina - laurel sumac	
Marsilea vestita - hairy waterclover	
Matricaria discoidea - pineapple weed	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Muhlenbergia rigens - deer grass	
Myosurus minimus ssp. apus - little mouse tail	
Nama stenocarpa - mud nama	
Navarretia fossalis - spreading navarretia	
Navarretia hamata - hooked skunkweed	
Peritoma arborea - bladderpod	
Pogogyne abramsii - San Diego mesa mint	
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium luteoalbum - fragrant everlasting cudweed	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Stephanomeria exigua - small wreath-plant	
Triglochin scilloides - flowering-quillwort	
Yucca schidigera - Mojave yucca	
Zeltnera venusta - California centaury	

Fiscal Year: 2024 Complex Name: Cal Terraces (South) (J14) **VP ID: 2039** 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: 1.0 2024 Quantitative Monitoring Data Survey Date: 6/7/2024 Survey Start Time: 09:50 AM Survey End Time: 11:18 AM Surveyors: Ryan Meszaros, Kelsey Woldt VPHCP Covered Species Present: NAFO, ERAR, PONU **Cover of ERAR in Basin:** 5-10% **Cover of NAFO in Basin:** <1% Cover of ORCA in Basin: Cover of POAB in Basin: Cover of PONU in Basin: 25-50% **Cover of Native Species in Basin:** 50-75% Native Species Richness in Basin: 13 **Other Native Species in Pool: Species Name** Cover Crassula aquatica - water pygmyweed <1% Deinandra fasciculata - fascicled tarweed <1% Deschampsia danthonioides - annual hair grass 1-5% Elatine brachysperma - short-seed waterwort <1% Juncus bufonius - toad rush <1% Myosurus minimus ssp. apus - little mouse tail <1% Navarretia hamata - hooked skunkweed <1% Pilularia americana - American pillwort <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 10-25% Zeltnera venusta - California centaury <1%

Nonnative Species in Pool:

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca perennis - rye grass	1-5%
Gastridium phleoides - nit grass	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Spergularia sp.	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 8

Additional Information:

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

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

Dead Species Present in Pool: Callitriche marginata
Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2039

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia sp.
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
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dicranostegia orcuttiana - Orcutt's bird's-beak
Dittrichia graveolens - stinkwort
Dudleya pulverulenta - chalk dudleya
Erigeron sumatrensis - tropical horseweed
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Gutierrezia californica - California matchweed
Helminthotheca echioides - bristly ox-tongue
Hooveria parviflora
Juncus bufonius - toad rush
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Matricaria discoidea - pineapple weed
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Plantago elongata - prairie plantain
Plantago erecta - dot-seed plantain

Fiscal Year: 2024

Complex	Name: Cal Terraces (South) (J14)	VP ID: 2039
	Pogogyne abramsii - San Diego mesa mint	
	Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
	Pseudognaphalium stramineum - cotton-batting plant	
	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	
	Spergularia sp.	
	Stipa lepida - foothill needle grass	
	Yucca schidigera - Mojave yucca	
	Zeltnera venusta - California centaury	

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14	1)	VP ID: 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	
2024 Quantitative Monitoring Data		
Survey Date: 7/10/2024 Survey Sta	art Time: 11:30 AM Survey End	Time: 12:47 PM
Surveyors: Jason Allen		
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:	
Cover of Native Species in Basin	: 10-25% Native Species	Richness in Basin: 23
Other Native Species in Pool:		
Spec	cies Name	Cover
Amblyopappus pi	<i>isillus</i> - pineapple-weed	<1%
Bergia texa	na - Texas bergia	<1%
Callitriche marginat	a - winged water-starwort	<1%
Crassula aquatic	a - water pygmyweed	<1%
Crassula coni	nata - pygmy-weed	<1%
Deinandra fascicu	<i>lata</i> - fascicled tarweed	<1%
· · ·	onioides - annual hair grass	<1%
Dudleya edu	<i>ılis</i> - ladies' fingers	<1%
	na - short-seed waterwort	<1%
	<i>tachya</i> - pale spike-rush	5-10%
	tre - smooth boisduvalia	<1%
	tum - California buckwheat	<1%
	var. oculatum - seaside heliotrope	<1%
	onius - toad rush	<1%
	a - hairy waterclover	<1%
	ssp. <i>apus</i> - little mouse tail	<1%
	ta - hooked skunkweed	<1%
	na - American pillwort	1-5%
-	a - dot-seed plantain	<1%
	<i>. brevissimus</i> - dwarf woollyheads	1-5%
Triglochin scilloid	es - flowering-quillwort	<1%
Nonnative Species in Pool:		
Spe	cies Name	Cover

Species Name	Cover
Amaranthus albus - tumbleweed	<1%
Dittrichia graveolens - stinkwort	<1%
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%

Nonnative Species Richness in Basin: 5

Fiscal Year: 2024		
Complex Name: Cal Terraces (South) (J14)		VP ID: 2043
Additional Information:		
Bare Ground Cover in Basin: 50-75%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: <1%
Days Since Last Rain: 16	Ponded Water Present:	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2043

2024 Quantitative Monitoring Data continued

at	ed Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter) Species Name
	Acmispon glaber var. glaber - deerweed
	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 Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
	Bromus rubens - red brome
	Centaurea melitensis - tocalote
	Cylindropuntia prolifera - coast cholla
	Deinandra fasciculata - fascicled tarweed
	Deschampsia danthonioides - annual hair grass
	Dicranostegia orcuttiana - Orcutt's bird's-beak
	Dittrichia graveolens - stinkwort
	Dudleya edulis - ladies' fingers
	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
	Gastridium phleoides - nit grass
	Juncus bufonius - toad rush
	Lamarckia aurea - golden-top
	Lepidium nitidum - shining peppergrass
	Logfia gallica - daggerleaf cottonrose
	Lysimachia arvensis - scarlet pimpernel
	Malosma laurina - laurel sumac
	Mammillaria dioica - fish-hook cactus
	Myosurus minimus ssp. apus - little mouse tail
	Navarretia hamata - hooked skunkweed
	Opuntia littoralis - coast prickly-pear
	Plantago erecta - dot-seed plantain
	Pogogyne nudiuscula - Otay mesa mint
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Rhus integrifolia - lemonade berry

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2043

Salvia apiana - white sage Selaginella cinerascens - ashy spike-moss Simmondsia chinensis - jojoba Yucca schidigera - Mojave yucca

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)		VP ID: 2044	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0Baseline Cover of NAFO: 0.0Baseline Cover of ORCA: 0.0		Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 Ba	aseline Cover of PONU: 5.0		
2024 Quantitative Monitoring Data			
Survey Date: 6/7/2024 Survey Start Tir	me: 08:46 AM Survey End	Time: 09:32 AM	
Surveyors: Adam Skinner, Clara Swanson			
VPHCP Covered Species Present: PONU, ERAR,	NAFO		
Cover of ERAR in Basin: 25-50% Co	over of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin: Co	over of PONU in Basin: 1-5%		
Cover of Native Species in Basin: 25-	-50% Native Species F	Richness in Basin: 17	
Other Native Species in Pool:			
Species N	Name	Cover	
Callitriche marginata - wi	inged water-starwort	<1%	
Crassula aquatica - wa	vater pygmyweed	<1%	
Deinandra fasciculata -	- fascicled tarweed	<1%	
Deschampsia danthonioid	des - annual hair grass	<1%	
Elatine brachysperma - sł	hort-seed waterwort	<1%	
Eleocharis macrostachy	ya - pale spike-rush	<1%	
Juncus bufonius	s - toad rush	<1%	
Lysimachia minime	aa - chaffweed	<1%	
Myosurus minimus ssp. aj	<i>pus</i> - little mouse tail	<1%	
Navarretia hamata - he	ooked skunkweed	1-5%	
Pilularia americana - A	American pillwort	<1%	
Psilocarphus brevissimus var. brev	vissimus - dwarf woollyheads	5-10%	
Triglochin scilloides - fl	lowering-quillwort	<1%	
Zeltnera venusta - Ca	alifornia centaury	<1%	
Nonnative Species in Pool:			

Species Name	Cover
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Logfia gallica - daggerleaf cottonrose	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Course of New atting Constitution Desting 4, 50/	star Diskurses in Dasius 7

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2044

2024 Quantitative Monitoring Data continued

Species Name	
Amsinckia sp.	
Artemisia californica - Californ	ia sagebrush
Bahiopsis laciniata - San Die	go viguiera
Bromus rubens - red b	ome
Centaurea melitensis - to	ocalote
<i>Crassula connata</i> - pygm	y-weed
Cylindropuntia californica var. califo	nica - snake cholla
Daucus pusillus - rattlesna	ke weed
Deinandra fasciculata - fascic	ed tarweed
Deinandra sp.	
Dittrichia graveolens - sti	nkwort
Encelia californica - Californ	ia encelia
Eriogonum fasciculatum - Califor	nia buckwheat
Erodium sp.	
Eryngium aristulatum var. parishii - Sar	Diego button-celery
<i>Festuca myuros</i> - rattail sixw	eeks grass
<i>Gamochaeta stagnalis</i> - dese	rt cudweed
<i>Juncus bufonius</i> - toad	rush
<i>Logfia arizonica</i> - Arizona c	ottonrose
<i>Logfia gallica</i> - daggerleaf c	ottonrose
<i>Lycium andersonii</i> - Anderson's	desert thorn
<i>Navarretia hamata</i> - hooked	skunkweed
Peritoma arborea - blado	lerpod
Plantago erecta - dot-seed	plantain
Polypogon monspeliensis - rab	bitfoot grass
Pseudognaphalium stramineum - cc	tton-batting plant
Psilocarphus brevissimus var. brevissimu	s - dwarf woollyheads
Selaginella cinerascens - ashy	spike-moss
Simmondsia chinensis -	
Sonchus asper ssp. asper - prick	
Sonchus oleraceus - common	
Stephanomeria diegensis - San Die	go wreath-plant
<i>Stipa</i> sp.	
Yucca schidigera - Mojav	
Zeltnera venusta - California	centaury

VP ID: 2185

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

Complex Name: Cal Terraces (South) (J14)		VP ID: 2185	
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		
2024 Quantitative Monitoring Data			
Survey Date: 6/7/2024 Survey St	art Time: 10:16 AM Survey End	Time: 11:12 AM	
Surveyors: Adam Skinner , Clara Swanso	n		
VPHCP 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 PONU in Basin: 50-75%		
Cover of Native Species in Basi	n: 50-75% Native Species	Richness in Basin: 16	
Other Native Species in Pool:			
Spe	ecies Name	Cover	
Crassula aquat	ica - water pygmyweed	<1%	
Cylindropuntia	<i>prolifera</i> - coast cholla	<1%	
Deinandra fascic	ulata - fascicled tarweed	<1%	
Deschampsia danth	onioides - annual hair grass	<1%	
Eleocharis macro	stachya - pale spike-rush	<1%	
Epilobium campe	stre - smooth boisduvalia	5-10%	
Frankenia	<i>alina</i> - alkali heath	1-5%	
Iva hayesiana -	San Diego marsh-elder	1-5%	
Juncus bu	<i>fonius</i> - toad rush	<1%	
Navarretia hama	ata - hooked skunkweed	<1%	
Plagiobothrys acantho	carpus - adobe popcornflower	<1%	
Plantago elon	<i>gata</i> - prairie plantain	<1%	
Plantago erec	ta - dot-seed plantain	<1%	
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%	
Nonnative Species in Pool:			
Spe	ecies Name	Cover	

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	1-5%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Additional Information:

 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: 16
 Ponded Water Present: no
 Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

```
VP ID: 2185
```

2024 Quantitative Monitoring Data continued

aτ	ed Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter) Species Name
	Ambrosia chenopodiifolia - San Diego bur-sage
	Ambrosid chenopodinjolid - san Diego bur-sage Amsinckia intermedia - common fiddleneck
	Anisinckia interneata - common hadieneck Apiastrum angustifolium - mock-parsley
	Artemisia californica - California sagebrush
	Astragalus trichopodus - Santa Barbara milk vetch
	Baccharis sarothroides - broom baccharis
	Bahiopsis laciniata - San Diego viguiera
	Bromus rubens - red brome
	Camissoniopsis hirtella - field sun cup
	Centaurea melitensis - tocalote
	Crassula connata - pygmy-weed
	Cylindropuntia prolifera - coast cholla
	Deinandra fasciculata - fascicled tarweed
	Deinandra sp.
	Deschampsia danthonioides - annual hair grass
	Dittrichia graveolens - stinkwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Epilobium campestre - smooth boisduvalia
	Eryngium aristulatum var. parishii - San Diego button-celery
	Festuca myuros - rattail sixweeks grass
	Frankenia salina - alkali heath
	Iva hayesiana - San Diego marsh-elder
	Juncus bufonius - toad rush
	Logfia arizonica - Arizona cottonrose
	Logfia gallica - daggerleaf cottonrose
	Lysimachia arvensis - scarlet pimpernel
	Navarretia hamata - hooked skunkweed
	Osmadenia tenella - osmadenia
	Plantago elongata - prairie plantain
	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
	Salvia apiana - white sage
	Simmondsia chinensis - jojoba
	Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2185

Spergularia bocconi - Boccone's sand-spurrey

Yucca schidigera - Mojave yucca

Fiscal Year: 2024

Complex Name: Cal Terrad	olex Name: Cal Terraces (South) (J14)			VP ID: 2189	
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: 5.0		
2024 Quantitative Monito	ring Data				
Survey Date: 6/7/2024	Survey Star	t Time: 11:57 AM	Survey End	Time: 12:32 PM	
Surveyors: Clara Swanson,	Adam Skinner				
VPHCP Covered Species Pr	esent: PONU,NA	AFO,ERAR			
Cover of ERAR in	Basin: <1%	Cover of NAFO i	n Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in	Basin:	Cover of PONU	in Basin: 10-25%		
Cover of Native S	pecies in Basin:	50-75%	Native Species	Richness in Basin: 15	
Other Native Species in Po	ol:				
	Species Name			Cover	
Ci	rassula aquatica	- water pygmywe	ed	<1%	
С	ylindropuntia pr	<i>olifera</i> - coast cho	lla	1-5%	
Dei	nandra fasciculo	ata - fascicled tarw	veed	1-5%	
Desch	ampsia danthor	<i>ioides</i> - annual ha	ir grass	<1%	
Epil	obium campestr	e - smooth boisdu	ivalia	10-25%	
Eriogo	num fasciculatu	m - California buc	kwheat	<1%	
	Juncus bufo	<i>nius</i> - toad rush		<1%	
			lood	<1%	
Na	varretia hamata	i - hooked skunkw	eeu	<170	
		r - hooked skunkw rpus - adobe popo		<1%	
Plagiobo	thrys acanthoca		cornflower		
Plagiobo I	thrys acanthoca Plantago elonga	<i>rpus</i> - adobe popo	cornflower in	<1%	

	Nonnativ	<u>ve Spe</u>	ecies ir	<u>1 Pool:</u>
--	----------	---------------	----------	----------------

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Logfia gallica - daggerleaf cottonrose	<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: 5

Additional Information:

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: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Cal Terraces (South) (J14)

VP ID: 2189

2024 Quantitative Monitoring Data continued

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

Species Name
Amblyopappus pusillus - pineapple-weed
Apiastrum angustifolium - mock-parsley
Baccharis sarothroides - broom baccharis
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dicranostegia orcuttiana - Orcutt's bird's-beak
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
Festuca myuros - rattail sixweeks grass
Frankenia salina - alkali heath
Iva hayesiana - San Diego marsh-elder
Juncus bufonius - toad rush
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Plantago elongata - prairie plantain
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Sonchus asper ssp. asper - prickly sow thistle
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Fiscal Year: 2024			
Complex Name: Carroll Canyon (D5-8)	VP ID: 1077		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0	Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/15/2024 Survey Start	t Time: 09:36 AM Survey End	d Time: 11:20 AM	
Surveyors: Sara Allen, Jason Allen, Kristy Fo	orburger, et al		
VPHCP Covered Species Present: POAB,NA	FO,ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin: 10-25%	Cover of PONU in Basin:		
Cover of Native Species in Basin:	50-75% Native Species	Richness in Basin: 28	
Other Native Species in Pool:			
Specie	es Name	Cover	
Adenostoma fasc	<i>ciculatum</i> - chamise	<1%	
Brodiaea Orcuttii	- Orcutt's brodiaea	1-5%	
Callitriche marginata	- winged water-starwort	<1%	
Castilleja densiflora ssp. g	Castilleja densiflora ssp. gracilis - graceful owl's clover		
Crassula aquatica	Crassula aquatica - water pygmyweed		
Crassula conna	ta - pygmy-weed	<1%	
Cuscuta californica	a - chaparral dodder	<1%	
Deinandra fascicula	Deinandra fasciculata - fascicled tarweed		
Deschampsia danthon	<i>ioides</i> - annual hair grass	<1%	
Downingia cuspidat	a - toothed downingia	<1%	
Elatine brachysperma	- short-seed waterwort	<1%	
Eleocharis macrosta	achya - pale spike-rush	<1%	
Isoetes orcuttii -	Orcutt's quillwort	<1%	
	nius - toad rush	<1%	
Juncus dubius	- mariposa rush	<1%	
	- common goldfields	<1%	
	nima - chaffweed	1-5%	
	arpha - small-flowered microseris	<1%	
	- hooked skunkweed	<1%	
	ta - prairie plantain	<1%	
	brevissimus - dwarf woollyheads	1-5%	
	- slender woolly-marbles	<1%	
	ens - ashy spike-moss	<1%	
	western blue-eyed-grass	<1%	
Zeltnera venusta -	- California centaury	<1%	

Nonnative Species in Pool:

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%

Fiscal Year: 2024

Complex Name: Ca	rroll Canyon (D5-8)	VP ID: 1077
	Gastridium phleoides - nit grass	1-5%
	Hypochaeris glabra - smooth cat's-ear	<1%
	Lythrum hyssopifolia - grass poly	<1%
	Polypogon monspeliensis - rabbitfoot grass	5-10%
	Sonchus asper ssp. asper - prickly sow thistle	<1%

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

Additional Information:

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: 6-15 Ponded Water Present: no

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

```
VP ID: 1077
```

2024 Quantitative Monitoring Data continued

Species Name
Adenostoma fasciculatum - chamise
Antirrhinum nuttallianum - Nuttall's Snapdragon
Apiastrum angustifolium - mock-parsley
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus rubens - red brome
Calochortus splendens - splendid mariposa lily
Castilleja densiflora ssp. gracilis - graceful owl's clover
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Downingia cuspidata - toothed downingia
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
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2024

Complex Name:	Carroll Canyon (D5-8)	VP ID: 1077
	Sonchus oleraceus - common sow thistle	
	Stylocline gnaphaloides - everlasting neststraw	
	Zeltnera venusta - California centaury	

	ear: 2024				
omplex	x Name: Carroll Canyon (D5-8)				VP ID: 1092
.003 Ba	seline Survey Data				
aseline	e Cover of ERAR: 1.0	Baseline Cover o	f NAFO: 0.0	Baseline	Cover of ORCA: 0.0
	e Cover of POAB: 3.0	Baseline Cover o	f PONU: 0.0		
.024 Qu	uantitative Monitoring Data				
urvey [Date: 5/15/2024 Survey Star	t Time: 01:07 PM	Survey End	Time: 02:27 PM	
	ors: Jim Rocks, Ryan Meszaros				
PHCP (Covered Species Present: POAB,ER/	AR,NAFO			
	Cover of ERAR in Basin: 10-25%	Cover of NAFO in	Basin: <1%	Cover of ORCA in	Basin:
	Cover of POAB in Basin: 1-5%	Cover of PONU in	n Basin:		
	Cover of Native Species in Basin:	50-75%	Native Species	Richness in Basin:	25
ther N	ative Species in Pool:				
	Specie	es Name			Cover
	Brodiaea Orcuttii	- Orcutt's brodiae	а		<1%
	Callitriche marginata	- winged water-sta	rwort		<1%
	Chorizanthe polygonoides var. longispina - long-spined spineflower			<1%	
	Crassula aquatica - water pygmyweed			<1%	
	Cuscuta californic	Cuscuta californica - chaparral dodder			<1%
	Deinandra fasciculo	Deinandra fasciculata - fascicled tarweed			<1%
	Deschampsia danthonioides - annual hair grass			<1%	
	Downingia cuspidat	a - toothed downin	ngia		5-10%
	Elatine brachysperma	- short-seed wate	rwort		<1%
	Eleocharis macrosto	<i>ichya -</i> pale spike-r	ush		1-5%
	Gnaphalium palust	re - lowland cudwe	eed		<1%
	Isoetes howellii -	Howell's quillwort	t		1-5%
	Isoetes orcuttii -	Orcutt's quillwort			1-5%
	Juncus bufor	Juncus bufonius - toad rush			<1%
	Lysimachia mii	Lysimachia minima - chaffweed			<1%
	Microseris douglasii ssp. platyc	Microseris douglasii ssp. platycarpha - small-flowered microseris			<1%
	Navarretia hamata	- hooked skunkwe	eed		<1%
	Plantago elonga	<i>ta</i> - prairie plantair	ı		<1%
	Psilocarphus brevissimus var.	<i>brevissimus</i> - dwar	f woollyheads		<1%
	Psilocarphus tenellus	slender woolly-m	arbles		<1%
	Selaginella cinerasc	ens - ashy spike-m	OSS		<1%
	Zeltnera venusta	Colifornia contour	o		<1%

Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Fiscal Year: 2024

Comple	x Name: Carroll Canyon (D5-8)	VP ID: 1092		
	Sonchus asper ssp. asper - prickly sow thistle			<1%
	Cover of Nonnative Species in Basin: 1-5%		Nonnative Species Richness in Basin: 6	
<u>Additio</u>	nal Information:			
	Bare Ground Cover in Basin: 10-25%	Cover of Rock	<pre>ks/Cobble in Basin:</pre> 1-5%	Cover of Litter in Basin: <1%
	Days Since Last Rain: 6-15	Ponded Wate	er Present: no	
	Dead Species Present in Pool:			

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

```
VP ID: 1092
```

2024 Quantitative Monitoring Data continued

Species Name
Adenostoma fasciculatum - chamise
Agrostis microphylla - small-leaf bent grass
Antirrhinum nuttallianum - Nuttall's Snapdragon
Apiastrum angustifolium - mock-parsley
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Cneoridium dumosum - bushrue
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Downingia cuspidata - toothed downingia
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
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
<i>Juncus bufonius</i> - toad rush
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
<i>Lysimachia minima</i> - chaffweed
Microseris douglasii ssp. platycarpha - small-flowered microseris
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stylocline gnaphaloides - everlasting neststraw
Zeltnera venusta - California centaury

Fiscal Year: 2024					
Complex Name: Carroll Canyon (D5-8)		VP ID: 1096			
2003 Baseline Survey Data					
Baseline Cover of ERAR: 10.0Baseline Cover of NAFO: 0.0		Baseline	Cover of ORCA: 0.0		
Baseline Cover of POAB: 1.0Baseline Cover of PONU: 0.0					
2024 Quantitative Monitoring Data					
Survey Date: 5/15/2024 Survey Start Time: 02:34	PM Survey End	Time: 03:23 PM			
urveyors: Jim Rocks, Ryan Meszaros					
/PHCP Covered Species Present: POAB,ERAR					
Cover of ERAR in Basin: 25-50% Cover of N/	AFO in Basin:	Cover of ORCA in	Basin:		
Cover of POAB in Basin: 1-5% Cover of PC	ONU in Basin:				
Cover of Native Species in Basin: 25-50%	Native Species	Richness in Basin:	19		
Other Native Species in Pool:					
Species Name			Cover		
Brodiaea Orcuttii - Orcutt's br	odiaea		<1%		
Callitriche marginata - winged wat	er-starwort		<1%		
Crassula aquatica - water pygn	nyweed		<1%		
Crassula connata - pygmy-v	veed		<1%		
Deinandra fasciculata - fascicled	tarweed		1-5%		
Deschampsia danthonioides - annu	al hair grass		<1%		
Downingia cuspidata - toothed d	lowningia		1-5%		
Elatine brachysperma - short-seed	waterwort		<1%		
Eleocharis macrostachya - pale s	pike-rush		1-5%		
<i>Isoetes orcuttii</i> - Orcutt's qui	llwort		<1%		
Juncus bufonius - toad ru	sh		<1%		
<i>Juncus dubius</i> - mariposa r	ush		<1%		
<i>Lysimachia minima</i> - chaffw	veed		1-5%		
Microseris douglasii ssp. platycarpha - small	-flowered microseris		<1%		
Navarretia hamata - hooked sku	unkweed		<1%		
Psilocarphus brevissimus var. brevissimus -	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%		
Zeltnera venusta - California ce	entaury		<1%		
Nonnative Species in Pool:					
Species Name			Cover		
Festuca myuros - rattail sixwee	ks grass		<1%		
Gastridium phleoides - nit g	rass		<1%		
Polypogon monspeliensis - rabbit	foot grass		1-5%		

Cover of Nonnative Species in Basin: 1-5%

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 4

<1%

Additional Information:

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: noDead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

```
VP ID: 1096
```

2024 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Antirrhinum nuttallianum - Nuttall's Snapdragon
Apiastrum angustifolium - mock-parsley
Bromus madritensis - foxtail chess
Castilleja densiflora ssp. gracilis - graceful owl's clover
Crassula connata - pygmy-weed
Cuscuta californica - chaparral dodder
Daucus pusillus - rattlesnake weed
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
Gamochaeta stagnalis - desert cudweed
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stylocline gnaphaloides - everlasting neststraw
Zeltnera venusta - California centaury

Complex 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		
2024 Quantitative Monitoring Data			
Survey Date: 5/15/2024 Survey Star	rt Time: 03:41 PM Survey End	d Time: 04:30 PM	
Surveyors: Jim Rocks, Ryan Meszaros			
VPHCP Covered Species Present: POAB,ER	AR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: <1%	Cover of PONU in Basin:		
Cover of Native Species in Basin:	25-50% Native Species	s Richness in Basin: 16	
Other Native Species in Pool:			
Speci	ies Name	Cover	
Brodiaea Orcutti	ii - Orcutt's brodiaea	<1%	
Callitriche marginata	- winged water-starwort	10-25%	
	r - winged water-starwort a - water pygmyweed	10-25% <1%	
Crassula aquatico			
Crassula aquatico Deinandra fasciculo	a - water pygmyweed	<1%	
Crassula aquatico Deinandra fasciculo Deschampsia danthor	a - water pygmyweed ata - fascicled tarweed	<1% <1%	
Crassula aquatica Deinandra fascicul Deschampsia danthor Elatine brachysperma	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass	<1% <1% <1%	
Crassula aquatica Deinandra fascicul Deschampsia danthor Elatine brachysperma Eleocharis macrost	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort	<1% <1% <1%	
Crassula aquatica Deinandra fascicula Deschampsia danthor Elatine brachysperma Eleocharis macrosta Gnaphalium palus	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort rachya - pale spike-rush	<1% <1% <1% <1% 1-5%	
Crassula aquatica Deinandra fascicula Deschampsia danthor Elatine brachysperma Eleocharis macrosta Gnaphalium palus Isoetes orcuttii	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort achya - pale spike-rush tre - lowland cudweed	<1% <1% <1% <1% 1-5% <1%	
Crassula aquatica Deinandra fascicula Deschampsia danthor Elatine brachysperma Eleocharis macrosta Gnaphalium palus Isoetes orcuttii Juncus bufo	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort achya - pale spike-rush tre - lowland cudweed - Orcutt's quillwort	<1% <1% <1% <1% 1-5% <1% 1-5%	
Crassula aquatica Deinandra fascicula Deschampsia danthor Elatine brachysperma Eleocharis macrosta Gnaphalium palus Isoetes orcuttii Juncus bufo Juncus dubius	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort achya - pale spike-rush tre - lowland cudweed - Orcutt's quillwort onius - toad rush	<1% <1% <1% <1% 1-5% <1% 1-5% <1%	
Crassula aquatica Deinandra fascicula Deschampsia danthor Elatine brachysperma Eleocharis macrosta Gnaphalium palus Isoetes orcuttii Juncus bufo Juncus dubius Lysimachia mi	a - water pygmyweed ata - fascicled tarweed nioides - annual hair grass a - short-seed waterwort achya - pale spike-rush tre - lowland cudweed - Orcutt's quillwort nius - toad rush s - mariposa rush	<1% <1% <1% <1% 1-5% <1% 1-5% <1% <1%	

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: <1% Nonnative Species Richness in Basin: 2

Additional Information:

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: 6-15 Ponded Water Present: no Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

VP ID: 1109

2024 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
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Erigeron sumatrensis - tropical horseweed
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Fiscal Year: 2024

mplex Name: Carroll Canyon (D5-8)		VP ID: 1740	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 30.0 Baselin	e Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 5.0 Baselin	e Cover of PONU: 0.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/15/2024 Survey Start Time: 0	2:48 PM Survey End	Time: 03:37 PM	
Surveyors: Jason Allen, Adam Skinner			
VPHCP Covered Species Present: POAB, ERAR			
Cover of ERAR in Basin: 50-75% Cover of	of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 25-50% Cover of	of PONU in Basin:		
Cover of Native Species in Basin: 50-75%		Richness in Basin: 9 9	
20 00/0		Richness in Basin: 9 9	
Cover of Native Species in Basin: 50-75%		Richness in Basin: 9 9 Cover	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool:	Native Species	-	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool: Species Name	Native Species	Cover	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool: Species Name Brodiaea Orcuttii - Orcutt	Native Species I 's brodiaea bygmyweed	Cover <1%	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool: Brodiaea Orcuttii - Orcutti Crassula aquatica - water p	Native Species I 's brodiaea bygmyweed innual hair grass	Cover <1% <1%	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool: Brodiaea Orcuttii - Orcutti Crassula aquatica - water p Deschampsia danthonioides - a	Native Species I 's brodiaea bygmyweed innual hair grass ale spike-rush	Cover <1% <1% <1%	
Cover of Native Species in Basin: 50-75% Other Native Species in Pool: Species Name Brodiaea Orcuttii - Orcutti Crassula aquatica - water p Deschampsia danthonioides - a Eleocharis macrostachya - pa	Native Species I 's brodiaea bygmyweed innual hair grass ale spike-rush d rush	Cover <1% <1% <1% <1% 10-25%	

Species Name	Cover
Polypogon monspeliensis - rabbitfoot grass	10-25%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25% **Nonnative Species Richness in Basin: 2**

Additional Information:

Bare Ground Cover in Basin: <1% **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

Dead Species Present in Pool: Sonchus asper

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

VP ID: 1740

2024 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Apiastrum angustifolium - mock-parsley
Baccharis pilularis - coyote brush
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus rubens - red brome
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
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
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Sisyrinchium bellum - western blue-eyed-grass
Zeltnera venusta - California centaury

Fiscal Year: 2024

omplex Name: Carroll Canyon (D5-8)		VP ID: 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: 0.0	Baseline Cover of PONU: 0.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/15/2024 Survey Sta	art Time: 01:07 PM Survey En	d Time: 02:40 PM
Surveyors: Jason Allen, Adam Skinner		
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:	
Cover of Native Species in Basin	25-50% Native Specie	s Richness in Basin: 16
Other Native Species in Pool:		
Spe	cies Name	Cover
Brodiaea Orcut	<i>tii</i> - Orcutt's brodiaea	1-5%
Crassula aquatio	ca - water pygmyweed	<1%
Deinandra fascicu	ılata - fascicled tarweed	5-10%
Deschampsia dantho	onioides - annual hair grass	1-5%
Eleocharis macros	<i>tachya</i> - pale spike-rush	<1%
Juncus buf	onius - toad rush	<1%
Juncus dubi	<i>us</i> - mariposa rush	1-5%
Lysimachia n	ninima - chaffweed	<1%
Myosurus minimus s	ssp. <i>apus</i> - little mouse tail	<1%
Navarretia hama	ta - hooked skunkweed	<1%
Plantago erect	a - dot-seed plantain	<1%
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Psilocarphus tenellu	s - slender woolly-marbles	<1%
Sisyrinchium bellum	- western blue-eyed-grass	<1%
Zeltnera venust	a - California centaury	<1%
Nonnative Species in Pool:		
Spe	cies Name	Cover
Bromus hord	leaceus - soft chess	<1%
Bromus ru	<i>bens</i> - red brome	<1%

Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	1-5%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Lactuca serriola - prickly lettuce	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	25-50%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Fiscal Year: 2024		
Complex Name: Carroll Canyon (D5-8)		VP ID: 1743
Cover of Nonnative Species in Basin	: 25-50% Nonnative Species Richn	ess in Basin: 12
Additional Information:		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: 5-10%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

VP ID: 1743

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Antirrhinum nuttallianum - Nuttall's Snapdragon
Brassica nigra - black mustard
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Cuscuta californica - chaparral dodder
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Hirschfeldia incana - short-pod mustard
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Marah macrocarpa - chilicothe
Medicago polymorpha - California burclover
Melilotus indicus - annual yellow sweetclover
Navarretia hamata - hooked skunkweed
Plantago erecta - dot-seed plantain
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting

Fiscal Year: 2024

mplex Name: Carroll Canyon (D5-8)	VP ID: 1743
Pseudognaphalium stramineum - cotton-batting plant	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Psilocarphus tenellus - slender woolly-marbles	
Sisyrinchium bellum - western blue-eyed-grass	
Solanum americanum - white nightshade	
Sonchus asper ssp. asper - prickly sow thistle	
Stylocline gnaphaloides - everlasting neststraw	
Zeltnera venusta - California centaury	

Complex Name: Carroll Canyon (D5-8)		VP ID: 1746
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	
2024 Quantitative Monitoring Data		
Survey Date: 5/15/2024 Survey Sta	rt Time: 04:00 PM Survey En	d Time: 04:53 PM
Surveyors: Jason Allen, Sara Allen, Adam Skinner, Garrett Moss		
VPHCP Covered Species Present: POAB, EF	RAR	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: <1%	Cover of PONU in Basin:	
Cover of Native Species in Basin:	50-75% Native Specie	s Richness in Basin: <u>1</u> 7
Other Native Species in Pool:		
Spec	ies Name	Cover
Brodiaea Orcutt	ii - Orcutt's brodiaea	<1%
Crassula aquatic	a - water pygmyweed	<1%
Crassula conn	ata - pygmy-weed	<1%
Deinandra fascicu	lata - fascicled tarweed	<1%
Deschampsia dantho	nioides - annual hair grass	<1%
Downingia cuspida	nta - toothed downingia	1-5%
Eleocharis macrost	<i>tachya</i> - pale spike-rush	10-25%
Isoetes orcuttii	- Orcutt's quillwort	<1%
Juncus bufo	onius - toad rush	<1%
Juncus dubiu	<i>ıs -</i> mariposa rush	1-5%
Lysimachia m	<i>inima</i> - chaffweed	<1%
Navarretia hamat	a - hooked skunkweed	<1%
Psilocarphus brevissimus var	. <i>brevissimus</i> - dwarf woollyheads	<1%
Zeltnera venusta	r - California centaury	<1%
Nonnative Species in Pool:		
	ing Norma	Cover

Species Name	Cover
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 2

Additional Information:

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: 2024

Complex Name: Carroll Canyon (D5-8)

VP ID: 1746

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Baccharis pilularis - coyote brush
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Crocanthemum scoparium - peak rush-rose
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Erigeron canadensis - horseweed
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Isoetes orcuttii - Orcutt's quillwort
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Psilocarphus tenellus - slender woolly-marbles
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stylocline gnaphaloides - everlasting neststraw
Zeltnera venusta - California centaury

Fiscal Year: 2024

Complex Name: Carroll Canyon (D5-8)

Notes: Several spadefoot toads observed in soil cracks.

VP ID: 1746

Fiscal Year: 2024			
Complex Name: Clayton Parcel (J	2)	VP ID: 876	
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		
2024 Quantitative Monitoring Da	ita		
Survey Date: 5/31/2024 Su	rvey Start Time: 08:40 AM Survey End	Time: 10:12 AM	
Surveyors: Jason Allen, Diana Brand Ramirez			
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: 10-25%		
Cover of Native Species	in Basin: 50-75% Native Species	Richness in Basin: 15	
Other Native Species in Pool:			
	Species Name	Cover	
Baccharis	sarothroides - broom baccharis	<1%	
Crassula	aquatica - water pygmyweed	<1%	
Deinandro	a fasciculata - fascicled tarweed	<1%	
Deschampsic	a danthonioides - annual hair grass	<1%	
Downingic	a cuspidata - toothed downingia	<1%	
Elatine brac	hysperma - short-seed waterwort	<1%	
Grina	<i>lelia camporum</i> - gumplant	<1%	
Isoete	<i>s orcuttii</i> - Orcutt's quillwort	1-5%	
Jur	ncus bufonius - toad rush	5-10%	
Lysin	nachia minima - chaffweed	<1%	
Navarreti	a hamata - hooked skunkweed	<1%	
Psilocarphus breviss	imus var. brevissimus - dwarf woollyheads	25-50%	
Psilocarphus	s tenellus - slender woolly-marbles	<1%	
Nonnative Species in Pool:			
	Species Name	Cover	
Dittri	chia graveolens - stinkwort	<1%	
Euphorb	pia maculata - spotted spurge	<1%	
Festuca	myuros - rattail sixweeks grass	<1%	
Fes	tuca perennis - rye grass	<1%	
Hordeum marinum s	ssp. gussoneanum - Mediterranean barley	<1%	
Lythro	um hyssopifolia - grass poly	10-25%	
Polypogon	monspeliensis - rabbitfoot grass	<1%	

Cover of Nonnative Species in Basin: 10-25%

Schismus barbatus - Mediterranean schismus

Nonnative Species Richness in Basin: 8

<1%

Additional Information:

Bare Ground Cover in Basin: 5-10%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:

Fiscal Year: 2024

Complex Name: Clayton Parcel (J2)

VP ID: 876

2024 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
Amaranthus albus - tumbleweed
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Avena barbata - slender wild oat
Baccharis salicifolia - mule fat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus rubens - red brome
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Euphorbia maculata - spotted spurge
Euphorbia serpens - matted sandmat
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Grindelia camporum - gumplant
Hedypnois rhagadioloides - crete weed
Heterotheca grandiflora - telegraph weed
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lepidium nitidum - shining peppergrass
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Melilotus indicus - annual yellow sweetclover
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Plagiobothrys sp.
Pogogyne nudiuscula - Otay mesa mint

Fiscal Year: 2024

Complex Name: Clayton	Parcel (J2)	VP ID: 876
	Pseudognaphalium stramineum - cotton-batting plant	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
	Rhus integrifolia - lemonade berry	
	Salsola tragus - Russian thistle	
	Salvia apiana - white sage	
	Selaginella cinerascens - ashy spike-moss	
	Sonchus asper ssp. asper - prickly sow thistle	
	Yucca schidigera - Mojave yucca	
VP ID: 1255

Fiscal Year: 2024

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

complex manie		, 15, 10 25, 24 20)			VF ID. 1255
2003 Baseline S	Survey Data				
Baseline Cover	of ERAR: 25.0	Baseline Cover of I	NAFO: 0.0	Baseline Cove	er of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0					
2024 Quantitat	tive Monitoring Data				
Survey Date: 5/	/22/2024 Survey Star	t Time: 04:15 PM	Survey End	Time: 04:50 PM	
Surveyors: Jaso	on Allen, Adam Skinner				
VPHCP Covered	d Species Present: ERAR				
Cover	of ERAR in Basin: 25-50%	Cover of NAFO in E	Basin:	Cover of ORCA in Basin	n:
Cover	of POAB in Basin:	Cover of PONU in I	Basin:		
Cover	of Native Species in Basin:	50-75% I	Native Species F	Richness in Basin: 20	
Other Native S	pecies in Pool:				
	Speci	es Name		Cov	ver
	Adenostoma fasciculatum - chamise			<1	%
	Bloomeria clevelandii - San Diego goldenstar			<1	%
	Calochortus splender	s - splendid mariposa	a lily	<1	%
	Crassula aquatica - water pygmyweed			<1	%
	Crassula connata - pygmy-weed			<1	%
	Deinandra fasciculata - fascicled tarweed			1-5	5%
	Deschampsia danthonioides - annual hair grass			1-5	5%
	Juncus bufonius - toad rush			<1	%
	Lysimachia minima - chaffweed			<1	%
	Navarretia hamata - hooked skunkweed			<1	%
	Plantago elongata - prairie plantain			<1	%
Ps	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads			<1	%
	Psilocarphus tenellus - slender woolly-marbles			<1	%
	Quercus dumosa - Nuttall's scrub oak			<1	%
	Rhus integrifolia - lemonade berry			<1	%
	Selaginella cineras	<i>cens</i> - ashy spike-mos	S	<1	%
	Sisyrinchium bellum -		rass	<1	%
		oothill needle grass		<1	%
	Zeltnera venusta	- California centaury		1-5	%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Logfia gallica - daggerleaf cottonrose	<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: 6

Fiscal Year: 2024		
Complex Name: Del Mar Mesa (H 1-10, 13-15	, 18-23, 24-26)	VP ID: 1255
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: <1%
Days Since Last Rain: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

VP ID: 1255

2024 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
Apiastrum angustifolium - mock-parsley
Baccharis pilularis - coyote brush
Bloomeria clevelandii - San Diego goldenstar
Bromus hordeaceus - soft chess
Calochortus splendens - splendid mariposa lily
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
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
Galium aparine - goose grass
Gamochaeta stagnalis - desert cudweed
Gastridium phleoides - nit grass
Heteromeles arbutifolia - toyon
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Myosurus minimus ssp. apus - little mouse tail
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Quercus dumosa - Nuttall's scrub oak
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: 2024			
Complex Name: Del Mar Mesa (H 1-10, 13	8-15, 18-23, 24-26)	VP ID: 1260	
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: 0.0	Baseline Cover of PONU: 0.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/22/2024 Survey Star	t Time: 03:20 PM Survey End	d Time: 04:15 PM	
Surveyors: Jason Allen, Adam Skinner			
VPHCP Covered Species Present: ERAR, PO	AB		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:		
Cover of Native Species in Basin:	>75% Native Species	Richness in Basin: 18	
Other Native Species in Pool:			
Speci	es Name	Cover	
Bloomeria cleveland	Bloomeria clevelandii - San Diego goldenstar		
Brodiaea Orcutti	Brodiaea Orcuttii - Orcutt's brodiaea		
Crassula aquatica	Crassula aquatica - water pygmyweed		
Deinandra fasciculo	Deinandra fasciculata - fascicled tarweed		
Deschampsia danthor	Deschampsia danthonioides - annual hair grass		
Elatine brachyspermo	Elatine brachysperma - short-seed waterwort		
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush		
	Juncus bufonius - toad rush		
Lysimachia mi	Lysimachia minima - chaffweed		
Navarretia hamata	<1%		
	Plantago elongata - prairie plantain		
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
	Selaginella cinerascens - ashy spike-moss		
	Sisyrinchium bellum - western blue-eyed-grass		
	ourple needle grass	<1%	
Zeltnera venusta	- California centaury	<1%	
Nonnative Species in Pool:			
	- News		

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Spergularia sp.	<1%

Cover of Nonnative Species in Basin: <1%

Nonnative Species Richness in Basin: 6

Fiscal Year: 2024		
Complex Name: Del Mar Mesa (H 1-10, 13-15	, 18-23, 24-26)	VP ID: 1260
Additional Information:		
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	
Dead Species Present in Pool:		

Fiscal Year: 2024

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

VP ID: 1260

2024 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
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Bloomeria clevelandii - San Diego goldenstar
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
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
Galium aparine - goose grass
Gastridium phleoides - nit grass
Heteromeles arbutifolia - toyon
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
Plantago elongata - prairie plantain
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium californicum - California everlasting
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
Sonchus asper ssp. asper - prickly sow thistle
Spergularia sp.

Fiscal Year: 2024

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

VP ID: 1260

Stipa pulchra - purple needle grass *Zeltnera venusta* - California centaury

Complex Name: Del Mar Mesa (H 1-1	0, 13-15, 18-23, 24-26)	VP ID: 1264	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 15.0	Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/22/2024 Survey	Start Time: 11:19 AM Survey End Ti	ime: 12:24 PM	
Surveyors: Jason Allen, Adam Skinner	, Clara Swanson		
VPHCP Covered Species Present: ERA	R		
Cover of ERAR in Basin: 25-5	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Cover of Native Species in B	asin: 50-75% Native Species Ri	chness in Basin: 18	
Other Native Species in Pool:			
:	Species Name	Cover	
Callitriche marg	nata - winged water-starwort	<1%	
Crassula aqu	atica - water pygmyweed	<1%	
Deinandra fas	ciculata - fascicled tarweed	<1%	
Deschampsia da	nthonioides - annual hair grass	1-5%	
Elatine brachys	erma - short-seed waterwort	<1%	
Eleocharis ma	crostachya - pale spike-rush	5-10%	
Galium	aparine - goose grass	<1%	
Juncus	<i>bufonius</i> - toad rush	1-5%	
Lysimach	<i>ia minima</i> - chaffweed	<1%	
Navarretia ho	mata - hooked skunkweed	1-5%	
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	1-5%	
Psilocarphus ten	ellus - slender woolly-marbles	<1%	
Quercus dui	nosa - Nuttall's scrub oak	1-5%	
Rhus integ	<i>rifolia</i> - lemonade berry	<1%	
Selaginella cir	erascens - ashy spike-moss	<1%	
Stipa pulch	ra - purple needle grass	<1%	
Zeltnera ver	usta - California centaury	<1%	
Nonnative Species in Pool:			
1	Species Name	Cover	
Bromus I	ordeaceus - soft chess	<1%	
Bromu	<i>s rubens</i> - red brome	<1%	
Festuca myu	ros - rattail sixweeks grass	<1%	
Hypochaeris	glabra - smooth cat's-ear	<1%	
Polypoaon mo	nspeliensis - rabbitfoot grass	1-5%	

264
1-5%

Fiscal Year: 2024

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

VP ID: 1264

2024 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
Baccharis pilularis - coyote brush
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Callitriche marginata - winged water-starwort
Centaurea melitensis - tocalote
Crassula aquatica - water pygmyweed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Galium aparine - goose grass
Gastridium phleoides - nit grass
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lysimachia minima - chaffweed
Myosurus minimus ssp. apus - little mouse tail
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Quercus dumosa - Nuttall's scrub oak
Rafinesquia californica - California chicory
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

Fiscal Year: 2024

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

VP ID: 1264

Zeltnera venusta - California centaury

VP ID: 1272

Fiscal Year: 2024

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

complex Name: Del Mar IV	nesa (n 1-10, 13	-13, 10-23, 24-20)	1		VP ID: 1272
2003 Baseline Survey Data					
Baseline Cover of ERAR: 10.0Baseline Cover of NAFO: 0.0			Baseline	Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.	0	Baseline Cover	of PONU: 0.0		
2024 Quantitative Monitor	ring Data				
Survey Date: 5/22/2024	Survey Star	t Time: 01:00 PM	Survey End	d Time: 02:00 PM	
Surveyors: Jason Allen, Ada	ım Skinner				
VPHCP Covered Species Pre	esent: ERAR				
Cover of ERAR in E	Basin: 25-50%	Cover of NAFO i	n Basin:	Cover of ORCA in	Basin:
Cover of POAB in I	Basin:	Cover of PONU	in Basin:		
Cover of Native Sp	ecies in Basin:	50-75%	Native Species	Richness in Basin:	21
Other Native Species in Po	ol:				
	Speci	es Name			Cover
A	denostoma fas	<i>ciculatum</i> - chamis	se		<1%
Cr	assula aquatica	- water pygmywe	ed		<1%
	Crassula conne	<i>ata</i> - pygmy-weed			<1%
Deir	nandra fascicul	ata - fascicled tarw	veed		1-5%
Descho	ampsia danthor	<i>nioides</i> - annual ha	ir grass		<1%
Elatin	e brachyspermo	a - short-seed wate	erwort		<1%
Eleo	charis macrost	achya - pale spike-	rush		1-5%
	Juncus bufo	<i>nius</i> - toad rush			1-5%
	Juncus dubius	s - mariposa rush			10-25%
	Lysimachia mi	nima - chaffweed			<1%
Microseris doug	Microseris douglasii ssp. platycarpha - small-flowered microseris				<1%
Myosı	Myosurus minimus ssp. apus - little mouse tail				<1%
Nai	Navarretia hamata - hooked skunkweed				<1%
Psilocarphus b	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads				5-10%
Psiloco	arphus tenellus	- slender woolly-n	narbles		<1%
Q	uercus dumosa	- Nuttall's scrub o	ak		1-5%
	Rhus integrifoli	a - lemonade berr	У		<1%
Selc	aginella cineras	<i>cens</i> - ashy spike-r	noss		<1%
	Stipa pulchra - p	ourple needle gras	S		<1%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit 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: 5

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)				
Additional Information:				
Cover of Rocks/Cobble in Basin: 25-50%	Cover of Litter in Basin: 1-5%			
Ponded Water Present: no				
	Cover of Rocks/Cobble in Basin: 25-50%			

Fiscal Year: 2024

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

VP ID: 1272

2024 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	
Bloomeria clevelandii - San Diego goldenstar	
Bromus hordeaceus - soft chess	
Bromus rubens - red brome	
Calochortus splendens - splendid mariposa lily	
Centaurea melitensis - tocalote	
Crassula aquatica - water pygmyweed	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Eriogonum fasciculatum - California buckwheat	
Eryngium aristulatum var. parishii - San Diego button-celery	У
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Gastridium phleoides - nit grass	
Hypochaeris glabra - smooth cat's-ear	
Juncus bufonius - toad rush	
Juncus dubius - mariposa rush	
Lactuca serriola - prickly lettuce	
Logfia gallica - daggerleaf cottonrose	
Lysimachia minima - chaffweed	
Myosurus minimus ssp. apus - little mouse tail	
Navarretia hamata - hooked skunkweed	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium californicum - California everlasting	
Psilocarphus brevissimus var. brevissimus - dwarf woollyhead	ds
Psilocarphus tenellus - slender woolly-marbles	
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	

Fiscal Year: 2024

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

VP ID: 2441 2004 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 2024 Quantitative Monitoring Data Survey Date: 5/22/2024 Survey Start Time: 02:14 PM Survey End Time: 02:33 PM Surveyors: Jason Allen, Adam Skinner VPHCP Covered Species Present: ERAR **Cover of ERAR in Basin:** <1% Cover of ORCA in Basin: Cover of NAFO in Basin: Cover of POAB in Basin: Cover of PONU in Basin: **Cover of Native Species in Basin:** 1-5% Native Species Richness in Basin: 9 9 **Other Native Species in Pool: Species Name** Cover Baccharis pilularis - coyote brush <1% Crassula aquatica - water pygmyweed <1% Deinandra fasciculata - fascicled tarweed <1% Eleocharis macrostachya - pale spike-rush <1% Juncus bufonius - toad rush <1% Pseudognaphalium stramineum - cotton-batting plant <1% Quercus dumosa - Nuttall's scrub oak 1-5%

Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: <1%

Rhus integrifolia - lemonade berry

Nonnative Species Richness in Basin: 2

<1%

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

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

```
VP ID: 2441
```

2024 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
Deinandra conjugens - Otay tarplant
Eleocharis macrostachya - pale spike-rush
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Sonchus asper ssp. asper - prickly sow thistle

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		VP ID: 2468
2004 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	
2024 Quantitative Monitoring Data		
Survey Date: 5/22/2024 Survey	Start Time: 10:14 AM Survey En	d Time: 11:07 AM
Surveyors: Adam Skinner, Jason Allen,	Clara Swanson	
VPHCP Covered Species Present: ERAR	R	
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:	
Cover of Native Species in Ba	sin: 5-10% Native Specie	s Richness in Basin: 15
Other Native Species in Pool:		
S	pecies Name	Cover
Adenostoma	Adenostoma fasciculatum - chamise	
Baccharis p	Baccharis pilularis - coyote brush	
Callitriche margin	Callitriche marginata - winged water-starwort	
Crassula aqua	Crassula aquatica - water pygmyweed	
Deinandra fasc	<i>ciculata</i> - fascicled tarweed	<1%
Elatine brachyspe	Elatine brachysperma - short-seed waterwort	
Juncus b	<i>pufonius</i> - toad rush	<1%
Lysimachie	Lysimachia minima - chaffweed	
Navarretia har	Navarretia hamata - hooked skunkweed	
Pseudognaphalium stramineum - cotton-batting plant		<1%
Psilocarphus tenellus - slender woolly-marbles		<1%
Quercus dum	Quercus dumosa - Nuttall's scrub oak	
Selaginella cine	Selaginella cinerascens - ashy spike-moss	
Zeltnera venu	Zeltnera venusta - California centaury	
Nonnative Species in Pool:		
	pecies Name	Cover

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: <1% Nonnative Species Richness in Basin: 2

Additional Information:

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:

Fiscal Year: 2024

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

VP ID: 2468

2024 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
Cneoridium dumosum - bushrue
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gamochaeta stagnalis - desert cudweed
Hooveria parviflora
Juncus bufonius - toad rush
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus tenellus - slender woolly-marbles
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
Zeltnera venusta - California centaury

Fiscal Year: 2024 Complex Name: Goat Mesa (J16-18) **VP ID:** 1141 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 2024 Quantitative Monitoring Data Survey Date: 5/15/2024 Survey Start Time: 01:03 PM Survey End Time: 01:37 PM Surveyors: Amy Matson, Jonathan Mercado VPHCP Covered Species Present: NAFO, ERAR **Cover of ERAR in Basin:** 10-25% **Cover of NAFO in Basin:** 1-5% Cover of ORCA in Basin: Cover of POAB in Basin: Cover of PONU in Basin: **Cover of Native Species in Basin:** 50-75% Native Species Richness in Basin: 14 **Other Native Species in Pool: Species Name** Cover Crassula aquatica - water pygmyweed <1% Deinandra fasciculata - fascicled tarweed <1% Elatine brachysperma - short-seed waterwort <1% Erythranthe latidens - broad-tooth monkeyflower <1% Juncus bufonius - toad rush <1% Lysimachia minima - chaffweed <1% Myosurus minimus ssp. apus - little mouse tail <1% Pilularia americana - American pillwort <1% Plagiobothrys acanthocarpus - adobe popcornflower <1% Plantago rhodosperma - red-seed plantain <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 1-5% Zeltnera venusta - California centaury 10-25% Nonnative Species in Pool:

Species Name	Cover
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	10-25%
Erodium cicutarium - redstem filaree	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 7

Additional Information:

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 6-15 Dead Species Present in Pool: Cover of Rocks/Cobble in Basin: 1-5% Ponded Water Present: no **Cover of Litter in Basin:** <1%

Fiscal Year: 2024

Complex Name: Goat Mesa (J16-18)

VP ID: 1141

2024 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
Erigeron canadensis - horseweed
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
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Melilotus indicus - annual yellow sweetclover
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Fiscal Year: 2024		
Complex Name: Goat Mesa (J16-18)	VP ID: 1142	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0 Baseline Cover	r of NAFO: 0.0 Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0 Baseline Cover	r of PONU: 0.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/15/2024 Survey Start Time: 01:43 PM	A Survey End Time: 02:16 PM	
Surveyors: Amy Matson, Jonathan Mercado		
VPHCP Covered Species Present: NAFO, ERAR		
Cover of ERAR in Basin: 1-5% Cover of NAFO	D in Basin: <1% Cover of ORCA in Basin:	
Cover of POAB in Basin: Cover of PONU	J in Basin:	
Cover of Native Species in Basin: 50-75%	Native Species Richness in Basin: 12	
Other Native Species in Pool:		
Species Name	Cover	
Brodiaea terrestris ssp. kernensis - Kern dwa	varf brodiaea <1%	
Crassula aquatica - water pygmywe	veed <1%	
Deinandra fasciculata - fascicled tarv	rweed 25-50%	
Erythranthe latidens - broad-tooth monk	keyflower 1-5%	
Juncus bufonius - toad rush	<1%	
Lysimachia minima - chaffweed	d <1%	
Myosurus minimus ssp. apus - little mo	ouse tail 1-5%	
Plagiobothrys acanthocarpus - adobe popo	pcornflower <1%	
Psilocarphus brevissimus var. brevissimus - dwa	varf woollyheads 1-5%	
Zeltnera venusta - California centa	aury <1%	
Nonnative Species in Pool:		
Species Name	Cover	
Bromus hordeaceus - soft chess	s <1%	
Erodium botrys - long-beak filaree/sto	orksbill 1-5%	
Erodium cicutarium - redstem filar	aree <1%	

Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Melilotus indicus - annual yellow sweetclover	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Additional Information:

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

Fiscal Year: 2024

Complex Name: Goat Mesa (J16-18)

```
VP ID: 1142
```

2024 Quantitative Monitoring Data continued

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

Species Name
Brodiaea terrestris ssp. kernensis - Kern dwarf brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Medicago polymorpha - California burclover
Melilotus indicus - annual yellow sweetclover
Plagiobothrys acanthocarpus - adobe popcornflower
Plantago rhodosperma - red-seed plantain
Pseudognaphalium sp.
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Spergularia bocconi - Boccone's sand-spurrey
Zeltnera venusta - California centaury

Notes: Herbivory observed on Sonchus flower heads.

Fiscal Year: 2024

Fiscal Year: 2024			
Complex Name: Goat Mesa (J16-18)		VP ID: 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 PONU: 0.0		
2024 Quantitative Monitoring Data			
Survey Date: 5/15/2024 Survey Start	Time: 09:10 AMSurvey End	Time: 10:13 AM	
Surveyors: Amy Matson, 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:		
Cover of Native Species in Basin:	50-75% Native Species	Richness in Basin: 14	
Other Native Species in Pool:			
Species	s Name	Cover	
Crassula aquatica -	Crassula aquatica - water pygmyweed		
Deinandra fasciculat	Deinandra fasciculata - fascicled tarweed		
Elatine brachysperma -	Elatine brachysperma - short-seed waterwort		
Juncus bufoni	Juncus bufonius - toad rush		
Lasthenia gracilis -	Lasthenia gracilis - common goldfields		
Lepidium nitidum - s	Lepidium nitidum - shining peppergrass		
Logfia filaginoides - (Logfia filaginoides - California cottonrose <1%		
Myosurus minimus ssp.	. apus - little mouse tail	<1%	
Navarretia hamata -	- hooked skunkweed	<1%	
Pilularia americana	- American pillwort	1-5%	
Plagiobothrys acanthocar	Plagiobothrys acanthocarpus - adobe popcornflower		
Psilocarphus brevissimus var. b	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads10-25%		
Triglochin scilloides	Triglochin scilloides - flowering-quillwort<1%		
Nonnative Species in Pool:			
	s Name	Cover	

Species Name	Cover
Bromus madritensis - foxtail chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
<i>Erodium</i> sp.	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	<1%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 9

VP ID: 1189

Fiscal Year: 2024

Complex Name: Goat Mesa (J16-18)

Additional Information:

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: 6-15Ponded Water Present: noDead Species Present in Pool:

2024 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 diandrus - ripgut grass
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lamarckia aurea - golden-top
Lasthenia californica - California goldfields
Logfia filaginoides - California cottonrose
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Plantago erecta - dot-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus

Notes: Lots of ERAR seedlings in pool. Some ERAR outside of the pool this year.

Fiscal Ye	ar: 2024				
Complex	x Name: Goat Mesa (J16-18)				VP ID: 1775
2003 Ba	seline Survey Data				
Baseline	Cover of ERAR: 0.0	Baseline Cover of	f NAFO: 0.0	Baseline	Cover of ORCA: 0.0
Baseline	Cover of POAB: 0.0	Baseline Cover of	f PONU: 0.0		
2024 Qu	antitative Monitoring Data				
Survey D	Date: 5/15/2024 Survey Star	t Time: 10:20 AM	Survey En	d Time: 11:07 AM	
Surveyo	r s: Amy Matson, Jonathan Mercad	0			
VPHCP C	overed 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	n Basin:		
	Cover of Native Species in Basin:	25-50%	Native Specie	s Richness in Basin:	16
Other Na	ative Species in Pool:				
	Speci	es Name			Cover
	Crassula aquatica	- water pygmywee	ed		<1%
	Deinandra fasciculo	ata - fascicled tarwe	eed		<1%
	Elatine brachyspermo	a - short-seed wate	rwort		<1%
	Juncus bufo	<i>nius</i> - toad rush			<1%
	Lasth	ienia sp.			<1%
	Lepidium nitidum	 shining peppergra 	ISS		<1%
	Marsilea vestita	- hairy waterclover	~		<1%
	Myosurus minimus ss	p. <i>apus -</i> little mou	se tail		<1%
	Pilularia american	<i>a</i> - American pillwo	ort		<1%
	Plagiobothrys acanthoca	rpus - adobe popco	ornflower		<1%
	Plantago erecta	- dot-seed plantair	1		<1%

Triglochin scilloides - flowering-quillwort Verbena bracteata - bract vervain Zeltnera venusta - California centaury

Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Lamarckia aurea - golden-top	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lythrum hyssopifolia - grass poly	10-25%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 11

25-50%

1-5%

<1% <1%

VP ID: 1775

Fiscal Year: 2024

Complex Name: Goat Mesa (J16-18)

Additional Information:

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: 6-15Ponded Water Present: noDead Species Present in Pool:

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lasthenia californica - California goldfields
Lepidium nitidum - shining peppergrass
Logfia filaginoides - California cottonrose
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Mirabilis laevis var. crassifolia - wishbone bush
Plagiobothrys acanthocarpus - adobe popcornflower
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Sisyrinchium bellum - western blue-eyed-grass

Notes: Psilocarphus seedlings outside the pool. More VP indicators inside pool this year.

Fiscal Year: 2024		
omplex Name: Goat Mesa (J16-18)		VP ID: 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	
2024 Quantitative Monitoring Data		
Survey Date: 5/15/2024 Surve	ey Date: 5/15/2024 Survey Start Time: 11:13 AM Survey End Time: 11:44 AM	
Surveyors: Amy Matson, Jonathan M	lercado	
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:	
Cover of Native Species in E	Basin: >75% Native Specie	s Richness in Basin: <u>11</u>
Other Native Species in Pool:		
	Species Name	Cover
Crassula aq	uatica - water pygmyweed	<1%
Deinandra fa	Deinandra fasciculata - fascicled tarweed	
Elatine brachys	Elatine brachysperma - short-seed waterwort	
Juncus	Juncus bufonius - toad rush	
Lepidium nit	Lepidium nitidum - shining peppergrass	
Myosurus minir	Myosurus minimus ssp. apus - little mouse tail	
Pilularia am	Pilularia americana - American pillwort	
Plagiobothrys acar	thocarpus - adobe popcornflower	<1%
Plantago e	elongata - prairie plantain	<1%
Psilocarphus brevissimu	s var. brevissimus - dwarf woollyheads	>75%
Zeltnera ve	Zeltnera venusta - California centaury <1%	
Nonnative Species in Pool:		
	Species Name	Cover
Bromus	hordeaceus - soft chess	<1%
Erodium botry	Erodium botrys - long-beak filaree/storksbill	

Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	1-5%
Spergularia bocconi - Boccone's sand-spurrey	<1%

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

Additional Information:

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

Fiscal Year: 2024

Complex Name: Goat Mesa (J16-18)

VP ID: 1920

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Festuca myuros - rattail sixweeks grass
Hedypnois rhagadioloides - crete weed
Hypochaeris glabra - smooth cat's-ear
Lamarckia aurea - golden-top
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
Phalaris sp.
Plagiobothrys acanthocarpus - adobe popcornflower
Plantago erecta - dot-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Spergularia sp.
Unknown
Zeltnera venusta - California centaury

Notes: Unknown broadleaved seedlings between the pool and road observed that need ID; it might be invasive. More Myosurus inside pool this year.

Fiscal Year: 2024				
Complex Name: Goat Mesa (J16-18))			VP ID: 2642
2005 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		
2024 Quantitative Monitoring Data				
Survey Date: 5/15/2024 Surve	ey Start Time: 12:08 PM	Survey End	Time: 12:58 PM	
Surveyors: Amy Matson, Jonathan N	lercado			
VPHCP Covered Species Present: NA	FO,ERAR			
Cover of ERAR in Basin: 50	-75% Cover of NAFO	in Basin: 5-10%	Cover of ORCA in	Basin:
Cover of POAB in Basin:	Cover of PONU	in Basin:		
Cover of Native Species in I	Basin: >75%	Native Species	Richness in Basin:	12
Other Native Species in Pool:				
	Species Name			Cover
Brodiaea terrestris s	sp. <i>kernensis -</i> Kern dwa	arf brodiaea		<1%
Crassula aq	uatica - water pygmywe	eed		<1%
Deinandra fa	sciculata - fascicled tarv	weed		1-5%
Juncu	<i>s bufonius</i> - toad rush			<1%
Lysimac	<i>hia minima</i> - chaffweed			<1%
Myosurus minii	<i>mus</i> ssp. <i>apus</i> - little mo	use tail		<1%
Pilularia am	<i>ericana</i> - American pillv	vort		<1%
Plagiobothrys acar	nthocarpus - adobe pop	cornflower		<1%
Simmo	ndsia chinensis - jojoba			<1%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Centaurea melitensis - tocalote	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Erodium sp.	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Melilotus indicus - annual yellow sweetclover	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

Zeltnera venusta - California centaury

Nonnative Species Richness in Basin: 8

Additional Information:

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 6-15 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: 2024

Complex Name: Goat Mesa (J16-18)

```
VP ID: 2642
```

2024 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 hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lasthenia gracilis - common goldfields
Lythrum hyssopifolia - grass poly
Navarretia fossalis - spreading navarretia

Complex Name: Greystone Torrey Highlands (H39)		VP ID: 1177	
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		
2024 Quantitative Monitoring Data			
Survey Date: 5/21/2024 Survey Start Time: 03:13 PM Survey End Time: 03:13 PM		l Time: 03:58 PM	
Surveyors: Jason Allen, Adam Skinner	, Clara Swanson		
VPHCP Covered Species Present: POA	B,ERAR		
Cover of ERAR in Basin: 10-2	25% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 5-10	% Cover of PONU in Basin:		
Cover of Native Species in Ba	Asin: 50-75% Native Species	Richness in Basin: 10	
Other Native Species in Pool:			
	Species Name	Cover	
Brodiaea Ol	<i>rcuttii</i> - Orcutt's brodiaea	<1%	
Deinandra fas	Deinandra fasciculata - fascicled tarweed		
Deschampsia dar	Deschampsia danthonioides - annual hair grass		
Eleocharis ma	Eleocharis macrostachya - pale spike-rush		
Juncus	<i>bufonius</i> - toad rush	1-5%	
Opuntia litt	oralis - coast prickly-pear	<1%	
Pilularia ame	<i>ricana</i> - American pillwort	1-5%	
PI	agiobothrys sp.	<1%	
Nonnative Species in Pool:			
	Species Name	Cover	
	 long-beak filaree/storksbill 	<1%	
Festuca myu	ros - rattail sixweeks grass	<1%	
Hypochaeris	glabra - smooth cat's-ear	<1%	
Lythrum h	<i>yssopifolia</i> - grass poly	1-5%	
Polypogon mol	nspeliensis - rabbitfoot grass	1-5%	
		<1%	

Additional Information:

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

Fiscal Year: 2024

Complex Name: Greystone Torrey Highlands (H39)

VP ID: 1177

2024 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
Artemisia californica - California sagebrush
Baccharis pilularis - coyote brush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus rubens - red brome
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Geranium carolinianum - Carolina geranium
Helminthotheca echioides - bristly ox-tongue
Heteromeles arbutifolia - toyon
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium californicum - California everlasting
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Sisyrinchium bellum - western blue-eyed-grass
Solanum sp.
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

omplex Name: Greystone Torrey Highlar	lus (H39)	VP ID: 1180
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 3.0	Baseline Cover of PONU: 0.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/21/2024 Survey Star	rt Time: 12:50 PM Survey End	Time: 02:00 PM
urveyors: Jason Allen, Adam Skinner, Clar	ra Swanson	
/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:	
Cover of Native Species in Basin:	10-25% Native Species	Richness in Basin: 24
Other Native Species in Pool:		
Speci	ies Name	Cover
Acmispon glaber v	var. glaber - deerweed	<1%
Artemisia californic	Artemisia californica - California sagebrush	
Bahiopsis laciniat	Bahiopsis laciniata - San Diego viguiera	
Callitriche marginata	Callitriche marginata - winged water-starwort	
Crassula aquatico	Crassula aquatica - water pygmyweed	
Croton seti	Croton setiger - doveweed	
Deinandra fascicul	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthor	Deschampsia danthonioides - annual hair grass	
Elatine brachysperme	Elatine brachysperma - short-seed waterwort	
Eleocharis macrost	<i>achya</i> - pale spike-rush	<1%
Encelia californic	a - California encelia	<1%
Erigeron canac	densis - horseweed	<1%
Holocarpha virgata ssp.	<i>elongata</i> - graceful tarplant	<1%
Isocoma menziesi	i - coastal goldenbush	<1%
Juncus bufo	Juncus bufonius - toad rush	
Navarretia hamata	Navarretia hamata - hooked skunkweed	
Opuntia littoralis	Opuntia littoralis - coast prickly-pear	
Plagiol	Plagiobothrys sp.	
Plantago elongo	ata - prairie plantain	<1%
Pseudognaphalium califor	rnicum - California everlasting	<1%
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	1-5%
Rhus integrifoli	a - lemonade berry	<1%
Triglochin scilloide	s - flowering-quillwort	<1%

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Logfia gallica - daggerleaf cottonrose	<1%

Fiscal Year: 2024

Complex	Name: Greystone Torrey Highlands (H39)		VP ID: 1180
	Lythrum hyssopifolia - grass poly		<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

Additional Information:

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: 16Ponded Water Present: no

Dead Species Present in Pool: Isocoma menziesii

Fiscal Year: 2024

Complex Name: Greystone Torrey Highlands (H39)

VP ID: 1180

2024 Quantitative Monitoring Data continued

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

Species Name	
Acmispon americanus var. americanus - Spanish lotus	
Artemisia californica - California sagebrush	
Baccharis pilularis - coyote brush	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus rubens - red brome	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Croton setiger - doveweed	
Deinandra fasciculata - fascicled tarweed	
Dittrichia graveolens - stinkwort	
Encelia californica - California encelia	
Erigeron canadensis - horseweed	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Festuca myuros - rattail sixweeks grass	
Gazania linearis - treasure flower	
Helminthotheca echioides - bristly ox-tongue	
Holocarpha virgata ssp. elongata - graceful tarplant	
Hypochaeris glabra - smooth cat's-ear	
Juncus bufonius - toad rush	
Logfia filaginoides - California cottonrose	
Logfia gallica - daggerleaf cottonrose	
Lythrum hyssopifolia - grass poly	
Opuntia littoralis - coast prickly-pear	
Pogogyne abramsii - San Diego mesa mint	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium californicum - California everlasting	
Pseudognaphalium luteoalbum - fragrant everlasting cudweed	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Salvia mellifera - black sage	
Sonchus asper ssp. asper - prickly sow thistle	

Complex Name: Greystone Torrey Highlands (H39)			VP ID: 1188	
2003 Bas	seline Survey Data			
Baseline Cover of ERAR: 0.0 Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 1.0Baseline Cover of PONU: 0.0		Baseline Cover of PONU: 0.0		
2024 Qu	antitative Monitoring Data			
Survey D	Date: 5/21/2024 Survey Star	t Time: 02:08 PM Survey End	Time: 03:08 PM	
urveyo	rs: Jason Allen, Adam Skinner, Cla	ra Swanson		
ИРНСР С	Covered Species Present: POAB, EF	AR		
	Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
	Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:		
	Cover of Native Species in Basin:	50-75% Native Species F	Richness in Basin: 18	
Other Na	ative Species in Pool:			
	Spec	es Name	Cover	
	Artemisia californic	a - California sagebrush	<1%	
	Crassula aquatico	a - water pygmyweed	<1%	
	Deinandra fascicul	ata - fascicled tarweed	<1%	
	Deschampsia dantho	nioides - annual hair grass	<1%	
	Elatine brachysperm	a - short-seed waterwort	<1%	
	Eleocharis macrost	<i>achya</i> - pale spike-rush	25-50%	
	Eriogonum fasciculati	<i>ım</i> - California buckwheat	<1%	
	Isoetes orcuttii	- Orcutt's quillwort	5-10%	
	Juncus bufo	<i>nius</i> - toad rush	<1%	
	Juncus dubiu	s - mariposa rush	<1%	
	Lysimachia m	inima - chaffweed	<1%	
	Opuntia littorali.	s - coast prickly-pear	1-5%	
	Pilularia americar	aa - American pillwort	<1%	
	Plagio	bothrys sp.	<1%	
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	5-10%	
	Selaginella cineras	<i>cens</i> - ashy spike-moss	<1%	
Nonnativ	ve Species in Pool:			
	Spec	es Name	Cover	
	Amaranthus a	<i>lbus</i> - tumbleweed	<1%	
	Festuca myuros -	rattail sixweeks grass	<1%	
	Hypochaeris glab	ra - smooth cat's-ear	<1%	
	<i>Logfia gallica</i> - d	aggerleaf cottonrose	<1%	
	Lythrum hysso	pifolia - grass poly	<1%	
	Polypogon monspe	liensis - rabbitfoot grass	1-5%	
	Sonchus asper ssp. a	sper - prickly sow thistle	<1%	

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7
Fiscal Year: 2024		
Complex Name: Greystone Torrey Highlands	VP ID: 1188	
Additional Information:		
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	
Dead Species Present in Pool: Sonch	us asper	

Fiscal Year: 2024

Complex Name: Greystone Torrey Highlands (H39)

VP ID: 1188

2024 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 rubens - red brome
Crassula aquatica - water pygmyweed
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Helminthotheca echioides - bristly ox-tongue
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Opuntia littoralis - coast prickly-pear
Pilularia americana - American pillwort
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Pseudognaphalium stramineum - cotton-batting plant
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Fiscal Year: 2024				
Complex Name: Cubic (U19) VP ID: 771				
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			
2024 Quantitative Monitoring Data				
Survey Date: 5/28/2024 Survey S	tart Time: 02:50 PM Survey End	Time: 03:30 PM		
Surveyors: Jason Allen, Adam Skinner				
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:			
Cover of Native Species in Bas	n: 25-50% Native Species	Richness in Basin: 13		
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 danti	nonioides - annual hair grass	10-25%		
Downingia cuspi	Downingia cuspidata - toothed downingia			
Elatine brachysperma - short-seed waterwort		<1%		
Juncus bufonius - toad rush		5-10%		
Lysimachia	Lysimachia minima - chaffweed			
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	<1%		
Sisyrinchium bellur	n - western blue-eyed-grass	1-5%		
Triglochin scillo	des - flowering-quillwort	10-25%		
Zeltnera venus	ta - California centaury	<1%		
Nonnative Species in Pool:				
Sp	ecies Name	Cover		
Avena barbo	ata - slender wild oat	<1%		
Bromus ho	deaceus - soft chess	<1%		
Erodium botrys -	ong-beak filaree/storksbill	<1%		
Festuca myuro	s - rattail sixweeks grass	<1%		
Festuca p	erennis - rye grass	1-5%		
Gastridium	Gastridium phleoides - nit grass			
Hordeum marinum ssp. gu	Hordeum marinum ssp. gussoneanum - Mediterranean barley			
Lythrum hys	sopifolia - grass poly	5-10%		
Polypogon monspeliensis - rabbitfoot grass1-5%				
Cover of Nonnative Species in	Basin: 10-25% Nonnative Spec	cies Richness in Basin: 9		

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 9

Additional Information:

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 1-5 **Dead Species Present in Pool:**

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

Ponded Water Present: no

Fiscal Year: 2024

Complex Name: Cubic (U19)

VP ID: 771

2024 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
Adenostoma fasciculatum - chamise
Avena barbata - slender wild oat
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus rubens - red brome
Croton setiger - doveweed
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Pennisetum setaceum - crimson fountain grass
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Fiscal Year: 2024		
Complex Name: Cubic (U19) VP ID: 778		
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	
2024 Quantitative Monitoring Data		
Survey Date: 6/10/2024 Survey Star	t Time: 01:30 PM Survey E	nd Time: 02:30 PM
Surveyors: Jason Allen, Adam Skinner		
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:	
Cover of Native Species in Basin:	50-75% Native Speci	es Richness in Basin: 10
Other Native Species in Pool:		
Speci	es Name	Cover
Baccharis sarothro	ides - broom baccharis	<1%
Brodiaea Orcutti	ii - Orcutt's brodiaea	<1%
Crassula aquatica	Crassula aquatica - water pygmyweed	
Deschampsia danthor	Deschampsia danthonioides - annual hair grass	
Elatine brachysperma - short-seed waterwort		<1%
Eleocharis macrostachya - pale spike-rush		25-50%
Juncus bufo	nius - toad rush	<1%
Lysimachia mi	inima - chaffweed	<1%
Stipa pulchra - p	ourple needle grass	<1%
Triglochin scilloide	Triglochin scilloides - flowering-quillwort	
Nonnative Species in Pool:		
Speci	es Name	Cover
Eroc	Erodium sp.	
Festuca myuros -	Festuca myuros - rattail sixweeks grass	
Festuca pere	Festuca perennis - rye grass	
Gastridium ph	leoides - nit grass	<1%
Hordeum marinum ssp. gusso	oneanum - Mediterranean barley	<1%
Lythrum hysso	<i>pifolia</i> - grass poly	<1%
Cover of Nonnative Species in Ba	sin: 5-10% Nonnative Sp	pecies Richness in Basin: 6

Additional Information:

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

Fiscal Year: 2024

Complex Name: Cubic (U19)

VP ID: 778

Complex	x Name: Cubic (019)	VP ID: 778
2024 Qu	uantitative Monitoring Data continued	
Associat	ted Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)	
	Species Name	
	Acmispon glaber var. glaber - deerweed	
	Avena barbata - slender wild oat	
	Baccharis sarothroides - broom baccharis	
	Brodiaea Orcuttii - Orcutt's brodiaea	
	Bromus rubens - red brome	
	Croton setiger - doveweed	
	Deinandra fasciculata - fascicled tarweed	
	Erigeron canadensis - horseweed	
	Eriogonum fasciculatum - California buckwheat	
	Erodium botrys - long-beak filaree/storksbill	
	Erodium sp.	
	Festuca myuros - rattail sixweeks grass	
	Festuca perennis - rye grass	
	Gastridium phleoides - nit grass	
	Hooveria parviflora	
	Juncus bufonius - toad rush	
	Logfia gallica - daggerleaf cottonrose	
	Lythrum hyssopifolia - grass poly	
	Pseudognaphalium californicum - California everlasting	
	Salsola tragus - Russian thistle	

Stipa pulchra - purple needle grass

Selaginella cinerascens - ashy spike-moss Sisyrinchium bellum - western blue-eyed-grass

Fiscal Year: 2024		
Complex Name: Cubic (U19)		VP ID: 790
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	
2024 Quantitative Monitoring Data		
Survey Date: 5/28/2024 Survey Sta	rt Time: 03:30 PM Survey End	1 Time: 04:15 PM
Surveyors: Jason Allen, Adam Skinner		
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:	
Cover of Native Species in Basin	: 1-5% Native Species	Richness in Basin: 9 9
Other Native Species in Pool:		
Spec	cies Name	Cover
Acmispon americanus va	Acmispon americanus var. americanus - Spanish lotus	
Brodiaea Orcut	Brodiaea Orcuttii - Orcutt's brodiaea	
Croton set	Croton setiger - doveweed <1%	
Deinandra fascicu	lata - fascicled tarweed	<1%
Eleocharis macrostachya - pale spike-rush		1-5%
Erigeron cana	Erigeron canadensis - horseweed	
Juncus bufe	onius - toad rush	<1%
Zeltnera venusta - California centaury		<1%
Nonnative Species in Pool:		
Spec	cies Name	Cover
Avena fa	<i>ntua</i> - wild oat	<1%
<i>Erodium botrys</i> - lo	Erodium botrys - long-beak filaree/storksbill	
Festuca myuros	Festuca myuros - rattail sixweeks grass	
Festuca pe	rennis - rye grass	25-50%
Lythrum hyss	opifolia - grass poly	1-5%
Pennisetum setaceur	<i>m</i> - crimson fountain grass	<1%
Cover of Nonnative Species in B	asin: >75% Nonnative Spe	cies Richness in Basin: 6

Additional Information:

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

Fiscal Year: 2024

Complex Name: Cubic (U19)

VP ID: 790

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon americanus var. americanus - Spanish lotus
Acmispon glaber var. glaber - deerweed
Avena fatua - wild oat
Baccharis sarothroides - broom baccharis
Bromus diandrus - ripgut grass
Bromus rubens - red brome
Crocanthemum scoparium - peak rush-rose
Croton setiger - doveweed
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hooveria parviflora
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Pennisetum setaceum - crimson fountain grass
Pseudognaphalium beneolens - fragrant everlasting
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

iscal Year: 2024				
Complex Name: Lopez Ridge (E	7-8)			VP ID: 706
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.5	Baseline Cove	r of NAFO: 0.0	Baseline Cov	ver of ORCA: 0.0
Baseline Cover of POAB: 2.0		r of PONU: 0.0		
2024 Quantitative Monitoring	Data			
Survey Date: 5/9/2024	Survey Start Time: 11:10 Al	VI Survey End	Time: 12:40 PM	
Surveyors: Jason Allen, Sara Alle	en, Mark Berninger, Clara S	wanson		
/PHCP Covered Species Presen	t: POAB			
Cover of ERAR in Basir	Cover of NAFC	D in Basin:	Cover of ORCA in Bas	in:
Cover of POAB in Basi	10-25% Cover of PON	U in Basin:		
Cover of Native Specie	s in Basin: 25-50%	Native Species	Richness in Basin: 2	0
Other Native Species in Pool:				
	Species Name		Co	ver
Allium	haematochiton - red-skin c	onion	<	1%
Brodi	<i>aea Orcuttii</i> - Orcutt's brodi	iaea	5-:	10%
Castilleja ex	serta ssp. exserta - purple o	wl's clover	<	1%
	<i>la aquatica</i> - water pygmyw		<	1%
	<i>lra fasciculata</i> - fascicled ta			1%
	<i>sia danthonioides</i> - annual l	-		5%
_	<i>jia cuspidata -</i> toothed dow	-		25%
	achysperma - short-seed wa			1%
	um intercedens - bobtail ba	•		1%
	tes orcuttii - Orcutt's quillw	ort		5%
	uncus bufonius - toad rush			1%
	imachia minima - chaffwee			5%
	etia hamata - hooked skunk			1%
	<i>tia littoralis</i> - coast prickly-p			1%
	lemmonii - Lemmon's canar			5%
	rys collinus - Cooper's pope			1%
-	ssimus var. brevissimus - dv			1%
	ella cinerascens - ashy spike			1%
Zenne	<i>ra venusta</i> - California cent	aury	<	1%
Nonnative Species in Pool:				
	Species Name			ver
	<i>na barbata</i> - slender wild o			1%
	mus hordeaceus - soft ches			1%
	a myuros - rattail sixweeks			1%
	stridium phleoides - nit gras			1%
	haeris glabra - smooth cat's			1%
	nrum hyssopifolia - grass po			5%
Sonchus c	<i>sper</i> ssp. <i>asper</i> - prickly sov	w thistle	<	1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Fiscal Year: 2024				
Complex Name: Lopez Ridge (B7-8)				
Additional Information:				
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: <1%		
Days Since Last Rain: 1-5	Ponded Water Present: no			
Dead Species Present in Pool:				

Fiscal Year: 2024

Complex Name: Lopez Ridge (B7-8)

VP ID: 706

2024 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
Acmispon micranthus - Grab Lotus
Adenostoma fasciculatum - chamise
Allium haematochiton - red-skin onion
Amsinckia intermedia - common fiddleneck
Antirrhinum nuttallianum - Nuttall's Snapdragon
Avena barbata - slender wild oat
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Callitriche marginata - winged water-starwort
Calochortus splendens - splendid mariposa lily
Castilleja densiflora ssp. gracilis - graceful owl's clover
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
Downingia cuspidata - toothed downingia
Elatine brachysperma - short-seed waterwort
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Gazania linearis - treasure flower
Hedypnois rhagadioloides - crete weed
Hooveria parviflora
Hordeum intercedens - bobtail barley
Hypochaeris glabra - smooth cat's-ear
Isoetes orcuttii - Orcutt's quillwort
Juncus bufonius - toad rush
Lasthenia californica - California goldfields
Logfia gallica - daggerleaf cottonrose
Lupinus bicolor - miniature lupine
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Microseris douglasii ssp. platycarpha - small-flowered microseris

Fiscal Year: 2024

Complex Name: Lopez Ridge (B7-8)

```
VP ID: 706
```

Muilla maritima - common muilla
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Phalaris lemmonii - Lemmon's canary grass
Plantago erecta - dot-seed plantain
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium canescens - everlasting cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Senecio vulgaris - common groundsel
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria diegensis - San Diego wreath-plant
Stipa pulchra - purple needle grass
Uropappus lindleyi - silver puffs
Zeltnera venusta - California centaury

amplex Name: Long Pidge (P7.9)	VP ID: 712
Complex Name: Lopez Ridge (B7-8)	VP ID. /12
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 ORCA: 0.0
Baseline Cover of POAB: 1.0Baseline Cover of PONU: 0.02024 Quantitative Monitoring Data	
	d Time: 02:30 PM
Survey Start Time. 01.43 PM Survey En	
/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: 10-25% Cover of PONU in Basin:	
10 20,0 11 10 10 10	s Richness in Basin: 18
Other Native Species in Pool:	
Species Name	Cover
Brodiaea Orcuttii - Orcutt's brodiaea	<1%
Castilleja densiflora ssp. gracilis - graceful owl's clover	<1%
Crassula aquatica - water pygmyweed	<1%
Deinandra fasciculata - fascicled tarweed	<1%
Deschampsia danthonioides - annual hair grass	<1%
Elatine brachysperma - short-seed waterwort	<1%
Juncus bufonius - toad rush	<1%
Lysimachia minima - chaffweed	<1%
<i>Muilla maritima</i> - common muilla	<1%
Navarretia hamata - hooked skunkweed	1-5%
Osmadenia tenella - osmadenia	<1%
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta	<1%
Plantago elongata - prairie plantain	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	10-25%
Selaginella cinerascens - ashy spike-moss	<1%
Sisyrinchium bellum - western blue-eyed-grass	<1%
Zeltnera venusta - California centaury	<1%
Ionnative Species in Pool:	
Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	1-5%
Lythrum hyssopifolia - grass poly	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Fiscal Year: 2024		
Complex Name: Lopez Ridge (B7-8)		VP ID: 712
Additional Information:		
Bare Ground Cover in Basin: 25-50%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: <1%
Days Since Last Rain: 1-5	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Lopez Ridge (B7-8)

VP ID: 712

2024 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
Agrostis microphylla - small-leaf bent grass
Antirrhinum nuttallianum - Nuttall's Snapdragon
Avena barbata - slender wild oat
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Castilleja densiflora ssp. gracilis - graceful owl's clover
Ceanothus tomentosus - Ramona-Iilac
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
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
<i>Lysimachia minima</i> - chaffweed
Malosma laurina - laurel sumac
Microseris douglasii ssp. platycarpha - small-flowered microseris
Muilla maritima - common muilla
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Pentagramma glanduloviscida - San Diego silverback fern
Plantago elongata - prairie plantain

Plantago erecta - dot-seed plantain

Pogogyne abramsii - San Diego mesa mint

Pseudognaphalium californicum - California everlasting

Fiscal Year: 2024

mplex Name: Lopez Ridge (B7-8)		VP ID: 712
	Psilocarphus tenellus - slender woolly-marbles	
	Selaginella cinerascens - ashy spike-moss	
	Senecio vulgaris - common groundsel	
	Sisyrinchium bellum - western blue-eyed-grass	
	Sonchus asper ssp. asper - prickly sow thistle	
	Sonchus oleraceus - common sow thistle	
	Stipa pulchra - purple needle grass	
	Stylocline gnaphaloides - everlasting neststraw	
	Xylococcus bicolor - mission manzanita	
	Zeltnera venusta - California centaury	

Fiscal Year: 2024 Complex Name: Montgomery Field (N5		VP ID: 4256
	-0)	VF 10. 4250
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 ORCA: 0.0
Baseline Cover of POAB: 1.0 2024 Quantitative Monitoring Data	Baseline Cover of PONU: 0.0	
	tart Time: 11:13 AM Survey En	d Time: 11:51 AM
Survey Date. 5/29/2024 Survey S	-	
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:	
Cover of Native Species in Bas		s Richness in Basin: 19
Other Native Species in Pool:		
	ecies Name	Cover
	<i>uttii</i> - Orcutt's brodiaea	<1%
Crassula aquat	Crassula aquatica - water pygmyweed	
	etiger - doveweed	<1%
Deschampsia danti	honioides - annual hair grass	<1%
Downingia cuspi	data - toothed downingia	<1%
Elatine brachysper	rma - short-seed waterwort	<1%
Eleocharis macro	o <i>stachya</i> - pale spike-rush	5-10%
Holocarpha virgata s	sp. <i>elongata</i> - graceful tarplant	<1%
Isoetes howe	<i>llii</i> - Howell's quillwort	5-10%
Isoetes orcut	tii - Orcutt's quillwort	10-25%
Juncus bu	<i>ıfonius</i> - toad rush	<1%
Lysimachia	Lysimachia minima - chaffweed	
Pilularia americ	Pilularia americana - American pillwort Plagiobothrys sp.	
Plag		
	Pogogyne abramsii - San Diego mesa mint	
	ar. <i>brevissimus</i> - dwarf woollyheads	<1%
	ceolatum - vinegar weed	<1%
Triglochin scillo	ides - flowering-quillwort	<1%
Nonnative Species in Pool:		
Sp	ecies Name	Cover

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Euphorbia maculata - spotted spurge	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 4

VP ID: 4256

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

Additional Information:

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

Dead Species Present in Pool:

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon americanus var. americanus - Spanish lotus
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Euphorbia maculata - spotted spurge
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hedypnois rhagadioloides - crete weed
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Lythrum hyssopifolia - grass poly
Polypogon monspeliensis - rabbitfoot grass
Selaginella cinerascens - ashy spike-moss
Silene gallica - windmill pink
Spergularia bocconi - Boccone's sand-spurrey
Stephanomeria diegensis - San Diego wreath-plant
Trichostema lanatum - woolly blue curls

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

complex Name. Montgomery neid (NS-0)		VF 10. 4390
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0 Baselin	ne Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.5 Baseline	ne Cover of PONU: 0.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/29/2024 Survey Start Time: 2	LO:18 AM Survey End T	ime: 10:49 AM
Surveyors: J. R. Sundberg, Frank Santana		
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:	
Cover of Native Species in Basin: 25-50%	Native Species R	ichness in Basin: 12
Other Native Species in Pool:		
Species Name	Species Name	
Brodiaea Orcuttii - Orcut	t's brodiaea	1-5%
Crassula aquatica - water	pygmyweed	<1%
Deschampsia danthonioides -	Deschampsia danthonioides - annual hair grass	
Downingia cuspidata - tootl	ned downingia	5-10%
Elatine brachysperma - short-	seed waterwort	<1%
Eleocharis macrostachya - p	Eleocharis macrostachya - pale spike-rush Isoetes howellii - Howell's quillwort Isoetes orcuttii - Orcutt's quillwort Juncus bufonius - toad rush Pogogyne abramsii - San Diego mesa mint	
Isoetes howellii - Howell		
Isoetes orcuttii - Orcutt'		
Juncus bufonius - toa		
Pogogyne abramsii - San Die		
Psilocarphus brevissimus var. brevissin	nus - dwarf woollyheads	<1%
Nonnative Species in Pool:		
Species Name		Cover
Bromus hordeaceus - s	oft chess	<1%

Dead Species Present in Pool:

Days Since Last Rain: 16

Additional Information:

Ponded Water Present: no

Gastridium phleoides - nit grass

Lythrum hyssopifolia - grass poly

Polypogon monspeliensis - rabbitfoot grass

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

<1%

<1%

<1%

VP ID: 4596

Nonnative Species Richness in Basin: 4

Cover of Nonnative Species in Basin: 1-5%

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 4596

2024 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
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Deschampsia danthonioides - annual hair grass
Downingia cuspidata - toothed downingia
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Isoetes orcuttii - Orcutt's quillwort
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle

VP ID: 5352

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

Baseline Cover of ERAR: 0.0Baseline Cover of NAFO: 0.0Baseline Cover of POAB: 0.5Baseline Cover of PONU: 0.0		Baseline Cover of ORCA: 0.0
2024 Quantitative Monitoring Data		
Survey Date: 5/29/2024 Survey	Start Time: 12:18 PM Survey En	d Time: 12:52 PM
Surveyors: J. R. Sundberg, Frank Santa	na	
/PHCP Covered Species Present: POA	В	
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:	
Cover of Native Species in Ba	sin: 10-25% Native Species	s Richness in Basin: <u>1</u> 4
Other Native Species in Pool:		
S	Species Name	
Brodiaea Or	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aque	atica - water pygmyweed	<1%
Croton	setiger - doveweed	<1%
Deschampsia dan	thonioides - annual hair grass	<1%
Downingia cus	<i>bidata</i> - toothed downingia	<1%
Elatine brachysp	erma - short-seed waterwort	<1%
Eleocharis mac	Eleocharis macrostachya - pale spike-rush	
Isoetes orci	Isoetes orcuttii - Orcutt's quillwort	
Juncus I	Juncus bufonius - toad rush	
Plc	Plagiobothrys sp.	
	Pogogyne abramsii - San Diego mesa mint	
	Ŭ	
	var. brevissimus - dwarf woollyheads	<1%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Euphorbia maculata - spotted spurge	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 5

Additional Information:

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	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5352

2024 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Downingia cuspidata - toothed downingia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Galium aparine - goose grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Zeltnera venusta - California centaury

Fiscal Year: 2024 Complex Name: Montgomery Field (N5-6) **VP ID:** 5355 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 2024 Quantitative Monitoring Data Survey Date: 5/29/2024 Survey Start Time: 11:55 PM Survey End Time: 12:15 PM Surveyors: J. R. Sundberg, Frank Santana VPHCP Covered Species Present: POAB Cover of ERAR in Basin: Cover of ORCA in Basin: Cover of NAFO in Basin: **Cover of POAB in Basin:** <1% Cover of PONU in Basin: Cover of Native Species in Basin: 5-10% Native Species Richness in Basin: 14 **Other Native Species in Pool: Species Name** Cover Brodiaea Orcuttii - Orcutt's brodiaea <1% Deschampsia danthonioides - annual hair grass <1% Elatine brachysperma - short-seed waterwort <1% Isoetes orcuttii - Orcutt's quillwort 1-5% Juncus bufonius - toad rush <1% Lysimachia minima - chaffweed <1% Navarretia hamata - hooked skunkweed <1% Plagiobothrys sp. 1-5% Plantago erecta - dot-seed plantain <1% Pogogyne abramsii - San Diego mesa mint <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads <1% Selaginella cinerascens - ashy spike-moss <1% Zeltnera venusta - California centaury <1% **Nonnative Species in Pool:** Species Name Cover

Species Name	COVEI
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 4

Additional Information:

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	
Dead Species Present in Pool:		

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5355

2024 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 hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hedypnois rhagadioloides - crete weed
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Plantago erecta - dot-seed plantain
Selaginella cinerascens - ashy spike-moss
Zeltnera venusta - California centaury

Fiscal Year: 2024 Complex Name: Montgomery Field (N5-6) VP ID: 5356 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 2024 Quantitative Monitoring Data Survey Date: 5/30/2024 Survey Start Time: 10:12 AM Survey End Time: 10:38 AM Surveyors: J. R. Sundberg, Frank Santana 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: Cover of Native Species in Basin: 10-25% Native Species Richness in Basin: 15 **Other Native Species in Pool: Species Name** Cover Brodiaea Orcuttii - Orcutt's brodiaea <1% Crassula aquatica - water pygmyweed <1% Croton setiger - doveweed <1% Deschampsia danthonioides - annual hair grass <1% *Elatine brachysperma* - short-seed waterwort <1% Eleocharis macrostachya - pale spike-rush <1% Holocarpha virgata ssp. elongata - graceful tarplant <1% Isoetes orcuttii - Orcutt's quillwort 5-10% Juncus bufonius - toad rush <1% Phalaris lemmonii - Lemmon's canary grass <1% Pilularia americana - American pillwort 1-5% Pogogyne abramsii - San Diego mesa mint 1-5%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Euphorbia maculata - spotted spurge	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 1-5%

Psilocarphus tenellus - slender woolly-marbles

Veronica peregrina ssp. xalapensis - purslane speedwell

Nonnative Species Richness in Basin: 5

5-10%

<1%

Additional Information:

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

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5356

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon americanus var. americanus - Spanish lotus
Acmispon glaber var. glaber - deerweed
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
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
Hypochaeris glabra - smooth cat's-ear
Isoetes orcuttii - Orcutt's quillwort
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Pennisetum setaceum - crimson fountain grass
Phalaris lemmonii - Lemmon's canary grass
Pogogyne abramsii - San Diego mesa mint
Rumex crispus - curly dock
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

VP ID: 5358

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

complex	Nongomery Held (No 0)		VI 10. 5550
2003 Base	eline Survey Data		
Baseline Cover of ERAR: 0.0Baseline Cover of NAFO: 0.0		Baseline Cover of ORCA: 0.0	
Baseline (Cover of POAB: 30.0	Baseline Cover of PONU: 0.0	
2024 Qua	antitative Monitoring Data		
Survey Da	ate: 5/30/2024 Survey Star	t Time: 10:46 AM Survey En	id Time: 11:16 AM
Surveyors	s: J. R. Sundberg, Frank Santana		
VPHCP Co	overed Species Present: POAB		
C	Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
C	Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
C	Cover of Native Species in Basin:	25-50% Native Specie	es Richness in Basin: 16
Other Na	tive Species in Pool:		
	Specie	es Name	Cover
	Brodiaea Orcuttii - Orcutt's brodiaea		<1%
	Crassula aquatica - water pygmyweed		<1%
	Cyperus eragro	stis - tall flatsedge	<1%
	Deinandra fasciculata - fascicled tarweed		<1%
	Deschampsia danthonioides - annual hair grass		<1%
	Elatine brachyspermo	 short-seed waterwort 	<1%
	Eleocharis macrostachya - pale spike-rush		1-5%
	Holocarpha virgata ssp. elongata - graceful tarplant		<1%
	Isoetes orcuttii - Orcutt's quillwort		5-10%
	Juncus bufonius - toad rush		<1%
	Lysimachia minima - chaffweed		<1%
	Phalaris lemmonii - Lemmon's canary grass		<1%
	Pogogyne abramsii - San Diego mesa mint		5-10%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%

Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	5-10%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 3

Additional Information:

Bare Ground Cover in Basin: 25-50%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:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5358

2024 Quantitative Monitoring Data continued

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

at	Europice Name	
Species Name		
	Acmispon americanus var. americanus - Spanish lotus	
	Avena barbata - slender wild oat	
	Baccharis sarothroides - broom baccharis	
	Brodiaea Orcuttii - Orcutt's brodiaea	
	Bromus hordeaceus - soft chess	
	Bromus rubens - red brome	
	Centaurea melitensis - tocalote	
	Croton setiger - doveweed	
	Cyperus eragrostis - tall flatsedge	
	Daucus pusillus - rattlesnake weed	
	Deinandra fasciculata - fascicled tarweed	
	Deschampsia danthonioides - annual hair grass	
	Dittrichia graveolens - stinkwort	
	Eleocharis macrostachya - pale spike-rush	
	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	
	Hypochaeris glabra - smooth cat's-ear	
	Juncus bufonius - toad rush	
	Juncus sp.	
	Lactuca serriola - prickly lettuce	
	Lythrum hyssopifolia - grass poly	
	Marah macrocarpa - chilicothe	
	Navarretia hamata - hooked skunkweed	
	Nuttallanthus texanus - blue toadflax	
	Opuntia littoralis - coast prickly-pear	
	Pennisetum setaceum - crimson fountain grass	
	Pogogyne abramsii - San Diego mesa mint	
	Polypogon monspeliensis - rabbitfoot grass	
	Pseudognaphalium californicum - California everlasting	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
	Sonchus oleraceus - common sow thistle	
	Stephanomeria sp.	
	Zeltnera venusta - California centaury	

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)	VP ID: 5363
2003 Baseline Survey Data	
Baseline Cover of ERAR: 0.0 Baseline Cover of ERAR: 0.0	of NAFO: 0.0 Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 30.0 Baseline Cover of	of PONU: 0.0
2024 Quantitative Monitoring Data	
Survey Date: 5/30/2024 Survey Start Time: 08:16 AM	Survey End Time: 09:05 AM
Surveyors: J. R. Sundberg, Frank Santana	
VPHCP Covered Species Present: POAB	
Cover of ERAR in Basin: Cover of NAFO i	in Basin: Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5% Cover of PONU	in Basin:
Cover of Native Species in Basin: 25-50%	Native Species Richness in Basin: 18
Other Native Species in Pool:	
Species Name	Cover
Brodiaea Orcuttii - Orcutt's brodiae	aea <1%
Crassula aquatica - water pygmywe	eed <1%
Deinandra fasciculata - fascicled tarw	weed <1%
Deschampsia danthonioides - annual ha	air grass <1%
Downingia cuspidata - toothed down	ningia <1%
Elatine brachysperma - short-seed wate	terwort <1%
Eleocharis macrostachya - pale spike-	e-rush <1%
Holocarpha virgata ssp. elongata - gracefu	ul tarplant <1%
Isoetes orcuttii - Orcutt's quillwor	rt 5-10%
Juncus bufonius - toad rush	1-5%
Lysimachia minima - chaffweed	4 <1%
Navarretia hamata - hooked skunkw	veed <1%
Phalaris lemmonii - Lemmon's canary	r grass <1%
Pilularia americana - American pillw	vort <1%
Pogogyne abramsii - San Diego mesa	a mint 1-5%
Psilocarphus brevissimus var. brevissimus - dwa	arf woollyheads 5-10%
Trichostema lanceolatum - vinegar w	weed <1%
Nonnative Species in Pool:	
Species Name	Cover
Bromus hordeaceus - soft chess	s <1%
Festuca myuros - rattail sixweeks gr	rass <1%
Lythrum hyssopifolia - grass poly	у 1-5%

Cover of Nonnative Species in Basin: 10-25%

Polypogon monspeliensis - rabbitfoot grass

Nonnative Species Richness in Basin: 4

5-10%

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5363

2024 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 diandrus - ripgut grass	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Croton setiger - doveweed	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
Downingia cuspidata - toothed downingia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Festuca myuros - rattail sixweeks grass	
Hypochaeris glabra - smooth cat's-ear	
Juncus bufonius - toad rush	
Lythrum hyssopifolia - grass poly	
Microseris douglasii ssp. platycarpha - small-flowered microseris	
Navarretia hamata - hooked skunkweed	
Nuttallanthus texanus - blue toadflax	
Pogogyne abramsii - San Diego mesa mint	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium beneolens - fragrant everlasting	
Pseudognaphalium californicum - California everlasting	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Selaginella cinerascens - ashy spike-moss	
Silene gallica - windmill pink	
Sonchus asper ssp. asper - prickly sow thistle	
Stebbinsoseris heterocarpa - grassland silverpuffs	
Zeltnera venusta - California centaury	

VP ID: 5369

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

complex nume. Montgomery rield (No o))	VI 10:0000
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	
2024 Quantitative Monitoring Data		
Survey Date: 5/30/2024 Survey Star	rt Time: 11:58 PM Survey End	d Time: 12:42 PM
Surveyors: J. R. Sundberg, Frank Santana		
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:	
Cover of Native Species in Basin:	25-50% Native Species	Richness in Basin: 16
Other Native Species in Pool:		
Speci	ies Name	Cover
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquatico	a - water pygmyweed	5-10%
Croton seti	Croton setiger - doveweed	
Cyperus eragro	ostis - tall flatsedge	<1%
Deinandra fascicul	ata - fascicled tarweed	<1%
Deschampsia danthor	nioides - annual hair grass	<1%
Downingia cuspida	ta - toothed downingia	<1%
Elatine brachysperma - short-seed waterwort		<1%
Eleocharis macrostachya - pale spike-rush		5-10%
Isoetes orcuttii - Orcutt's quillwort		5-10%
Juncus bufo	Juncus bufonius - toad rush	
Phalaris lemmonii -	Phalaris lemmonii - Lemmon's canary grass	
Plagiol	Plagiobothrys sp.	
Pogogyne abramsii	Pogogyne abramsii - San Diego mesa mint	
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 1-5%	
Nonnative Species in Pool:		
Spec	ies Name	Cover

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Cotula coronopifolia - brass-buttons	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Plantago coronopus - cut-leaf plantain	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Rumex crispus - curly dock	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Fiscal Year: 2024

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon americanus var. americanus - Spanish lotus
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Castilleja exserta ssp. exserta - purple owl's clover
Centaurea melitensis - tocalote
Croton setiger - doveweed
Cyperus eragrostis - tall flatsedge
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Galium aparine - goose grass
Gazania linearis - treasure flower
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Rumex crispus - curly dock
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stebbinsoseris heterocarpa - grassland silverpuffs
Zeltnera venusta - California centaury

VP ID: 5371

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

complex Mame. Montgomery Field (NS-	.0)	VP ID. 55/1
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	
2024 Quantitative Monitoring Data		
Survey Date: 5/29/2024 Survey St	art Time: 01:55 PM Survey End	d Time: 02:22 PM
Surveyors: J. R. Sundberg, Frank Santana	1	
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:	
Cover of Native Species in Basi	n: 25-50% Native Species	s Richness in Basin: 15
Other Native Species in Pool:		
Spe	cies Name	Cover
Acmispon americanus	Acmispon americanus var. americanus - Spanish lotus	
Brodiaea Orcu	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquati	Crassula aquatica - water pygmyweed	
Cyperus erag	Cyperus eragrostis - tall flatsedge	
Deinandra fascic	Deinandra fasciculata - fascicled tarweed	
Deschampsia danth	Deschampsia danthonioides - annual hair grass	
Downingia cuspidata - toothed downingia		<1%
Holocarpha virgata ss	Holocarpha virgata ssp. elongata - graceful tarplant	
Isoetes orcuttii - Orcutt's quillwort		1-5%
Juncus buj	Juncus bufonius - toad rush	
Lysimachia i	Lysimachia minima - chaffweed	
Phalaris lemmonii	Phalaris lemmonii - Lemmon's canary grass	
Plantago elon	Plantago elongata - prairie plantain	
Psilocarphus brevissimus və	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads<1%	
Nonnative Species in Pool:		
Spe	cies Name	Cover
Bromus hore	Bromus hordeaceus - soft chess	

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Cotula coronopifolia - brass-buttons	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gazania linearis - treasure flower	<1%
Hypochaeris glabra - smooth cat's-ear	<1%
Lythrum hyssopifolia - grass poly	<1%
Plantago coronopus - cut-leaf plantain	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 9

VP ID: 5371

Cover of Litter in Basin: 1-5%

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

Additional Information:

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

Days Since Last Rain: 16 Ponded Water Present: no

Dead Species Present in Pool:

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon americanus var. americanus - Spanish lotus
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Brachypodium distachyon - purple false brome
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Centaurea melitensis - tocalote
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Gazania linearis - treasure flower
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Pennisetum setaceum - crimson fountain grass
Plantago coronopus - cut-leaf plantain
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Fiscal Year: 2024 Complex Name: Montgomery Field (N5-6) **VP ID: 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 2024 Quantitative Monitoring Data Survey Date: 5/29/2024 Survey Start Time: 08:07 AM Survey End Time: 09:32 AM Surveyors: J. R. Sundberg, Frank Santana 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: Cover of Native Species in Basin: 10-25% Native Species Richness in Basin: 21 **Other Native Species in Pool: Species Name** Cover Brodiaea Orcuttii - Orcutt's brodiaea <1% Crassula aquatica - water pygmyweed <1% Deschampsia danthonioides - annual hair grass 1-5% Downingia cuspidata - toothed downingia <1% Elatine brachysperma - short-seed waterwort <1% Holocarpha virgata ssp. elongata - graceful tarplant <1% Hooveria parviflora <1% Isoetes orcuttii - Orcutt's quillwort 1-5% Juncus bufonius - toad rush 1-5% Lysimachia minima - chaffweed <1% Muilla maritima - common muilla <1% Navarretia hamata - hooked skunkweed <1% Osmadenia tenella - osmadenia <1% Pilularia americana - American pillwort <1% Plagiobothrys sp. <1% Plantago elongata - prairie plantain <1% Pogogyne abramsii - San Diego mesa mint <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads <1% Selaginella cinerascens - ashy spike-moss 1-5% Trifolium depauperatum var. amplectens - pale sack clover <1% Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	1-5%
Hypochaeris glabra - smooth cat's-ear <1%	
Lythrum hyssopifolia - grass poly	<1%
Spergularia sp.	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 6

Fiscal Year: 2024

2024 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
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Deschampsia danthonioides - annual hair grass
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
Malosma laurina - laurel sumac
Muilla maritima - common muilla
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Selaginella cinerascens - ashy spike-moss
VP ID: 5423

Fiscal Year: 2024

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: 0.5 Baseline Cover of PONU: 0.0 2024 Quantitative Monitoring Data Survey Date: 5/29/2024 Survey Start Time: 09:55 AM Survey End Time: 10:08 AM Surveyors: J. R. Sundberg, Frank Santana VPHCP Covered Species Present: POAB Cover of ERAR in Basin: Cover of ORCA in Basin: Cover of NAFO in Basin: **Cover of POAB in Basin:** <1% Cover of PONU in Basin: Cover of Native Species in Basin: 5-10% Native Species Richness in Basin: 14 **Other Native Species in Pool: Species Name** Cover Brodiaea Orcuttii - Orcutt's brodiaea <1% Crassula aquatica - water pygmyweed <1% Deschampsia danthonioides - annual hair grass <1% Downingia cuspidata - toothed downingia <1% Isoetes orcuttii - Orcutt's quillwort 1-5% Juncus bufonius - toad rush 1-5% Lysimachia minima - chaffweed <1% Navarretia hamata - hooked skunkweed <1% Pilularia americana - American pillwort <1% Plantago elongata - prairie plantain <1% Pogogyne abramsii - San Diego mesa mint <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads <1% Selaginella cinerascens - ashy spike-moss <1%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	1-5%
Lythrum hyssopifolia - grass poly	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 5

Additional Information:

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: 16Ponded Water Present: noDead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 5423

2024 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss

Fiscal Year: 2024 Complex Name: Montgomery Field (N5-6) **VP ID:** 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 2024 Quantitative Monitoring Data Survey Date: 5/29/2024 Survey Start Time: 01:27 PM Survey End Time: 01:38 PM Surveyors: J. R. Sundberg, Frank Santana VPHCP Covered Species Present: POAB Cover of ERAR in Basin: Cover of ORCA in Basin: Cover of NAFO in Basin: **Cover of POAB in Basin:** <1% Cover of PONU in Basin: Cover of Native Species in Basin: 10-25% Native Species Richness in Basin: 9 9 **Other Native Species in Pool: Species Name** Cover Croton setiger - doveweed <1% Cyperus eragrostis - tall flatsedge <1% Deschampsia danthonioides - annual hair grass <1% *Elatine brachysperma* - short-seed waterwort 1-5% Isoetes orcuttii - Orcutt's quillwort 5-10% Juncus bufonius - toad rush 1-5% Pogogyne abramsii - San Diego mesa mint <1% Veronica peregrina ssp. xalapensis - purslane speedwell <1% Nonnative Species in Pool: **Species Name** Cover Bromus hordeaceus - soft chess <1% Erodium botrys - long-beak filaree/storksbill <1%

Euphorbia maculata - spotted spurge	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 7

Additional Information:

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

Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 6351

2024 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
Baccharis sarothroides - broom baccharis
Brachypodium distachyon - purple false brome
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Croton setiger - doveweed
Cyperus eragrostis - tall flatsedge
Deschampsia danthonioides - annual hair grass
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Euphorbia maculata - spotted spurge
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Pennisetum setaceum - crimson fountain grass
Polypogon monspeliensis - rabbitfoot grass
Quercus berberidifolia - scrub oak
Sonchus asper ssp. asper - prickly sow thistle

VP ID: 6384

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

complex nume. Montgomery ne	10 (113-0)			VI 10.0304
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0	Baseline Co	ver of NAFO: 0.0	Baseline (Cover of ORCA: 0.0
Baseline Cover of POAB: 20.0	Baseline Co	ver of PONU: 0.0		
2024 Quantitative Monitoring Da	ta			
Survey Date: 5/30/2024 Sur	rvey Start Time: 09:21	AM Survey End	Time: 10:04 AM	
Surveyors: J. R.Sundberg				
VPHCP Covered Species Present:	POAB			
Cover of ERAR in Basin:	Cover of NA	AFO in Basin:	Cover of ORCA in E	Basin:
Cover of POAB in Basin:	5-10% Cover of PC	NU in Basin:		
Cover of Native Species in	n Basin: 25-50%	Native Species	Richness in Basin:	15
Other Native Species in Pool:				
	Species Name			Cover
Brodiae	<i>a Orcuttii</i> - Orcutt's bro	odiaea		<1%
Crassula	<i>aquatica</i> - water pygm	nyweed		<1%
Deinandra	<i>fasciculata</i> - fascicled	tarweed		<1%
Deschampsia	danthonioides - annua	al hair grass		<1%
Downingia	<i>cuspidata</i> - toothed d	owningia		1-5%
Elatine brack	<i>hysperma</i> - short-seed	waterwort		<1%
Holocarpha virg	gata ssp. elongata - gra	aceful tarplant		<1%
Isoetes	<i>orcuttii</i> - Orcutt's quil	lwort		5-10%
June	<i>cus bufonius</i> - toad rus	sh		<1%
Phalaris len	<i>nmonii -</i> Lemmon's car	nary grass		1-5%
Pilularia c	<i>americana</i> - American	pillwort		<1%
	Plagiobothrys sp.			<1%
Pogogyne d	<i>abramsii</i> - San Diego m	nesa mint		5-10%

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5%

Nonnative Species Richness in Basin: 4

Additional Information:

Bare Ground Cover in Basin: 25-50%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:

Fiscal Year: 2024

Complex Name: Montgomery Field (N5-6)

VP ID: 6384

2024 Quantitative Monitoring Data continued

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

-	
	Species Name
	Acmispon americanus var. americanus - Spanish lotus
	Acmispon glaber var. glaber - deerweed
	Avena barbata - slender wild oat
	Baccharis sarothroides - broom baccharis
	Brodiaea Orcuttii - Orcutt's brodiaea
	Bromus hordeaceus - soft chess
	Bromus rubens - red brome
	Croton setiger - doveweed
	Daucus pusillus - rattlesnake weed
	Deinandra fasciculata - fascicled tarweed
	Deschampsia danthonioides - annual hair grass
	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
	Hypochaeris glabra - smooth cat's-ear
	Juncus bufonius - toad rush
	Lythrum hyssopifolia - grass poly
	Melilotus indicus - annual yellow sweetclover
	Navarretia hamata - hooked skunkweed
	Osmadenia tenella - osmadenia
	Phalaris lemmonii - Lemmon's canary grass
	Plagiobothrys sp.
	Polypogon monspeliensis - rabbitfoot grass
	Pseudognaphalium californicum - California everlasting
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Selaginella cinerascens - ashy spike-moss
	Silene gallica - windmill pink
	Sonchus asper ssp. asper - prickly sow thistle
	Stephanomeria sp.
	Stipa pulchra - purple needle grass
	Zeltnera venusta - California centaury

iscal Year: 2024		
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	
2024 Quantitative Monitoring Data		
Survey Date: 5/28/2024 Survey Sta	art Time: 11:00 AM Survey End	l Time: 12:00 PM
Surveyors: Adam Skinner, Jason Allen		
/PHCP Covered Species Present: POAB,N	IAFO	
Cover of ERAR in Basin:	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin: <1%	Cover of PONU in Basin:	
Cover of Native Species in Basin	: 50-75% Native Species	Richness in Basin: 16
Other Native Species in Pool:		
Spe	cies Name	Cover
Brodiaea Orcut	tii - Orcutt's brodiaea	<1%
Crassula aquatio	ca - water pygmyweed	<1%
Croton set	<i>iger</i> - doveweed	<1%
Deinandra fascicu	llata - fascicled tarweed	<1%
Deschampsia dantho	onioides - annual hair grass	1-5%
Downingia cuspid	ata - toothed downingia	<1%
Eleocharis macros	Eleocharis macrostachya - pale spike-rush	
Holocarpha virgata ssp	. <i>elongata</i> - graceful tarplant	<1%
Isoetes orcutti	ii - Orcutt's quillwort	10-25%
Juncus buf	onius - toad rush	<1%
Lysimachia n	ninima - chaffweed	<1%
Phalaris lemmonii	 Lemmon's canary grass 	<1%
Plagiobothrys acanthoo	arpus - adobe popcornflower	1-5%
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%
Nonnative Species in Pool:		
Spe	cies Name	Cover
Cotula coronop	<i>ifolia</i> - brass-buttons	5-10%
Erc	odium sp.	<1%
Festuca myuros	- rattail sixweeks grass	<1%
Gastridium p	hleoides - nit grass	<1%
Hypochaeris gla	bra - smooth cat's-ear	<1%
Lythrum hyss	opifolia - grass poly	5-10%
Polypogon monspe	eliensis - rabbitfoot grass	1-5%
		.40/
Sonchus asper ssp.	asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 9

Fiscal Year: 2024		
Complex Name: Nobel Drive (X5)		VP ID: 666
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 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: 2024

Complex Name: Nobel Drive (X5)

VP ID: 666

2024 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Cotula coronopifolia - brass-buttons
Crassula connata - pygmy-weed
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium brachycarpum - short-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Phalaris lemmonii - Lemmon's canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria diegensis - San Diego wreath-plant
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Fiscal Ye	ar: 2024		
Complex Name: Otay Lakes (K5) VP ID: 208			
2003 Ba	seline 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	
2024 Qu	antitative Monitoring Data		
Survey D	Date: 5/14/2024 Survey Star	rt Time: 01:58 PM Survey End	Time: 02:40 PM
Surveyo	rs: Amy Matson, Jonathan Mercac	lo	
VPHCP C	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:	
	Cover of Native Species in Basin:	25-50% Native Species	Richness in Basin: 17
Other N	ative Species in Pool:		
	Speci	ies Name	Cover
	Brodiaea terrestris ssp. ke	rnensis - Kern dwarf brodiaea	<1%
	Castilleja exserta ssp. e	xserta - purple owl's clover	<1%
	Crassula aquatica - water pygmyweed		<1%
	Cressa truxille	ensis - alkali weed	<1%
	Deinandra fasciculata - fascicled tarweed		1-5%
	Deschampsia danthonioides - annual hair grass		1-5%
	Downingia cuspidata - toothed downingia		<1%
	Elatine brachysperma - short-seed waterwort		<1%
	Eleocharis macrost	<i>achya</i> - pale spike-rush	25-50%
	Juncus bufo	<i>nius</i> - toad rush	<1%
	Lasti	henia sp.	<1%
	Lepidium nitidum	- shining peppergrass	<1%
	Lysimachia minima - chaffweed		<1%
	Pilularia americana - American pillwort		<1%
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%
	Zeltnera venusta - California centaury<1%		
<u>Nonnati</u>	ve Species in Pool:		
	Speci	ies Name	Cover
	Ave	ena sp.	<1%
	Bromus horde	<i>paceus</i> - soft chess	1-5%
	Festuca myuros -	rattail sixweeks grass	1-5%
	Festuca per	ennis - rye grass	10-25%
	Lysimachia arven	sis - scarlet pimpernel	<1%

Cover of Nonnative Species in Basin: 50-75%

Lythrum hyssopifolia - grass poly

Nonnative Species Richness in Basin: 6

10-25%

Fiscal Year: 2024

Complex Name: Otay Lakes (K5)

Additional Information:

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

Cover of Rocks/Cobble in Basin: 5-10% **Cover of Litter in Basin:** <1% Ponded Water Present: no

VP ID: 208

Dead Species Present in Pool:

2024 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
Avena sp.
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Convolvulus simulans - small-flowered morning-glory
Cressa truxillensis - alkali weed
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hordeum sp.
Isocoma menziesii - coastal goldenbush
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Melilotus indicus - annual yellow sweetclover
Plantago rhodosperma - red-seed plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Notes: More vernal pool indicators than last year despite understory of Lythrum and Eleocharis.

Fiscal Year: 2024			
mplex Name:Otay Lakes (K5)VP ID: 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	.0	
2024 Quantitative Monitoring Data			
Survey Date: 5/14/2024 Survey St	art Time: 11:45 AM Survey End	I Time: 12:35 PM	
Surveyors: Amy Matson, Jonathan Merc	ado		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 5-10%		Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Cover of Native Species in Basi	n: 25-50% Native Species	Richness in Basin: 21	
Other Native Species in Pool:			
Spe	ecies Name	Cover	
Bloomeria clevelai	ndii - San Diego goldenstar	<1%	
	oomeria sp.	<1%	
Brodiaea terrestris ssp.	<i>kernensis</i> - Kern dwarf brodiaea	<1%	
Calochortus splend	<i>ens</i> - splendid mariposa lily	<1%	
Crassula aquat	ica - water pygmyweed	<1%	
Cressa trux	illensis - alkali weed	<1%	
Cuscuta califor	nica - chaparral dodder	<1%	
Deinandra fascic	ulata - fascicled tarweed	<1%	
Deschampsia danth	onioides - annual hair grass	<1%	
	cedens - bobtail barley	<1%	
	esii - coastal goldenbush	<1%	
	fonius - toad rush	<1%	
Lysimachia	<i>minima</i> - chaffweed	<1%	
Phalaris lemmoni	i - Lemmon's canary grass	<1%	
_	<i>ta</i> - dot-seed plantain	<1%	
-	ar. <i>brevissimus</i> - dwarf woollyheads	<1%	
	Sisyrinchium bellum - western blue-eyed-grass <1%		
Stipa pulchra	Stipa pulchra - purple needle grass<1%		
Zeltnera venus	ta - California centaury	<1%	
Nonnative Species in Pool:			
Spe	ecies Name	Cover	
A	lveng sp.	<1%	

Species Name	Cover
Avena sp.	<1%
Bromus hordeaceus - soft chess	10-25%
Erodium botrys - long-beak filaree/storksbill	<1%
Erodium sp.	5-10%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Helminthotheca echioides - bristly ox-tongue	<1%
Hypochaeris glabra - smooth cat's-ear	<1%

Fiscal Year: 2024

mplex Name: Otay Lakes (K5)	VP ID: 656
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Silene gallica - windmill pink	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 25-50% Nonnative Species Richness in Basin: 12

Additional Information:

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

Fiscal Year: 2024

Complex Name: Otay Lakes (K5)

VP ID: 656

Complex Name: Otay Lakes (K5)	VP ID: 656
2024 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 crocea - common goldenstar	
Bloomeria sp.	
Bromus diandrus - ripgut grass	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Calochortus splendens - splendid mariposa lily	
Cressa truxillensis - alkali weed	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium moschatum - greenstem filaree	
Erodium sp.	
Eryngium aristulatum var. parishii - San Diego button-c	elery
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Gastridium phleoides - nit grass	
Hedypnois rhagadioloides - crete weed	
Hordeum intercedens - bobtail barley	
Hypochaeris glabra - smooth cat's-ear	
Isocoma menziesii - coastal goldenbush	
Lasthenia gracilis - common goldfields	
Lysimachia arvensis - scarlet pimpernel	
Plagiobothrys acanthocarpus - adobe popcornflowe	er
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Stipa pulchra - purple needle grass	
Zeltnera venusta - California centaury	

Notes: Gopher activity and dry Erodium observed.

Fiscal Year	: 2024			
Complex N	nplex Name: Otay Lakes (K5)		VP ID: 891	
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		
2024 Quar	ntitative Monitoring Data			
Survey Dat	te: 5/14/2024 Survey Star	t Time: 09:28 AM Survey End	Time: 10:32 AM	
Surveyors:	: Amy Matson, Jonathan Mercad	0		
	vered Species Present: ERAR			
-	over of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
	over of POAB in Basin:	Cover of PONU in Basin:		
C	over of Native Species in Basin:	10-25% Native Species F	Richness in Basin: 17	
Other Nati	ive Species in Pool:			
	•	es Name	Cover	
	•	rnensis - Kern dwarf brodiaea	<1%	
		<i>er</i> - doveweed	<1%	
	Deinandra fasciculata - fascicled tarweed		1-5%	
	Deschampsia danthonioides - annual hair grass		<1%	
	Hooveria parviflora		<1%	
	Hordeum intercedens - bobtail barley		<1%	
	Juncus bufor	<i>nius</i> - toad rush	<1%	
	Lasth	enia sp.	<1%	
	-	nima - chaffweed	<1%	
	Phalaris lemmonii -	Lemmon's canary grass	<1%	
		<i>a</i> - American pillwort	<1%	
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%	
	Selaginella cineraso	cens - ashy spike-moss	<1%	
	Stipa pulchra - p	ourple needle grass	<1%	
		olatum - vinegar weed	<1%	
	Zeltnera venusta	- California centaury	<1%	
lonnative	Species in Pool:			
	Specie	es Name	Cover	
	Bromus horde	aceus - soft chess	5-10%	
	Erodium botrys - long	g-beak filaree/storksbill	<1%	
	Erod	ium sp.	<1%	
	Festuca myuros - I	rattail sixweeks grass	<1%	

Cover of Nonnative Species in Basin: 10-25%

Gastridium phleoides - nit grass

Lamarckia aurea - golden-top

Logfia gallica - daggerleaf cottonrose

Lythrum hyssopifolia - grass poly

Nonnative Species Richness in Basin: 8

<1%

<1%

<1%

1-5%

Fiscal Year: 2024		
Complex Name: Otay Lakes (K5)		VP ID: 891
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: 10-25%	Cover of Litter in Basin: <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Otay Lakes (K5)

VP ID: 891

2024 Quantitative Monitoring Data continued

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

Species Name	
Armichan alabar yar alabar doorwood	
Acmispon glaber var. glaber - deerweed	
Allium sp. Artemisia californica - California sagebrush	
Baccharis sarothroides - broom baccharis	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Calochortus splendens - splendid mariposa lily	
Centaurea melitensis - tocalote	
Croton setiger - doveweed	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
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	
Gastridium phleoides - nit grass	
Hooveria parviflora	
Hypochaeris glabra - smooth cat's-ear	
Isocoma menziesii - coastal goldenbush	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
<i>Lamarckia aurea</i> - golden-top	
Lasthenia californica - California goldfields	
Logfia gallica - daggerleaf cottonrose	
Lythrum hyssopifolia - grass poly	
Phalaris lemmonii - Lemmon's canary grass	
Rhus integrifolia - lemonade berry	
Selaginella cinerascens - ashy spike-moss	
Silene gallica - windmill pink	
Sonchus asper ssp. asper - prickly sow thistle	
<i>Stipa</i> sp.	
Trichostema lanatum - woolly blue curls	
Zeltnera venusta - California centaury	

Notes: Gopher activity observed.

Fiscal Year: 2024	
Complex Name: Otay Lakes (K5)	VP ID: 892
2003 Baseline Survey Data	
Baseline Cover of ERAR: 1.0 Baseline Cover of NAFO:	1.0 Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU:	: 0.0
2024 Quantitative Monitoring Data	
Survey Date: 5/14/2024 Survey Start Time: 10:34 AM Survey Start Time: 10:34 AM	rvey End Time: 11:31 AM
Surveyors: Amy Matson, Jonathan 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:	
Cover of Native Species in Basin: 25-50% Native	Species Richness in Basin: 16
Other Native Species in Pool:	
Species Name	Cover
Allium sp.	<1%
Brodiaea terrestris ssp. kernensis - Kern dwarf brodia	ea <1%
Deinandra fasciculata - fascicled tarweed	1-5%
Deschampsia danthonioides - annual hair grass	1-5%
Eleocharis macrostachya - pale spike-rush	5-10%
Eriogonum fasciculatum - California buckwheat	<1%
Hordeum intercedens - bobtail barley	<1%
<i>Juncus bufonius</i> - toad rush	1-5%
Lasthenia gracilis - common goldfields	<1%
<i>Lysimachia minima</i> - chaffweed	<1%
Phalaris lemmonii - Lemmon's canary grass	<1%
Pilularia americana - American pillwort	<1%
Psilocarphus brevissimus var. brevissimus - dwarf woolly	
Trichostema lanceolatum - vinegar weed	<1%
Zeltnera venusta - California centaury	<1%
Nonnative Species in Pool:	
Species Name	Cover
Bromus hordeaceus - soft chess	10-25%
Erodium sp.	<1%

Cover of Nonnative Species in Basin: 10-25%

Festuca myuros - rattail sixweeks grass

Festuca perennis - rye grass

Gastridium phleoides - nit grass

Logfia gallica - daggerleaf cottonrose

Lythrum hyssopifolia - grass poly

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 8

<1%

<1%

<1%

<1%

<1%

<1%

Fiscal Year: 2024

Complex Name: Otay Lakes (K5)

Additional Information:

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

VP ID: 892

Cover of Litter in Basin: <1%

Dead Species Present in Pool: 2024 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.
Bloomeria clevelandii - San Diego goldenstar
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Cressa truxillensis - alkali weed
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hooveria parviflora
Hordeum depressum - low barley
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass
Trichostema lanceolatum - vinegar weed
Zeltnera venusta - California centaury

omplex Name: Otay Lakes (K5)		VP ID: 1801	
003 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		
2024 Quantitative Monitoring Data			
Survey Date: 5/14/2024 Survey Sta	rt Time: 01:14 PM Survey Er	nd Time: 01:49 PM	
Surveyors: Amy Matson, Jonathan Merca	do		
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:		
Cover of Native Species in Basin:	1-5% Native Specie	es Richness in Basin: 15	
Other Native Species in Pool:			
Spec	ies Name	Cover	
Crassula aquatic	a - water pygmyweed	<1%	
Croton seti	<i>ger</i> - doveweed	<1%	
Deinandra fascicu	lata - fascicled tarweed	1-5%	
Deschampsia dantho	nioides - annual hair grass	<1%	
Downingia cuspido	Downingia cuspidata - toothed downingia		
Elatine brachysperm	Elatine brachysperma - short-seed waterwort		
Eriogonum fasciculat	Eriogonum fasciculatum - California buckwheat		
Juncus bufo	Juncus bufonius - toad rush		
Lysimachia m	Lysimachia minima - chaffweed		
Pilularia america	Pilularia americana - American pillwort		
Plagiobothrys acanthoc	Plagiobothrys acanthocarpus - adobe popcornflower		
Psilocarphus brevissimus var	. <i>brevissimus</i> - dwarf woollyheads	<1%	
Sisyrinchium bellum	- western blue-eyed-grass	<1%	
Zeltnera venusta	Zeltnera venusta - California centaury		
Nonnative Species in Pool:			
Spec	ies Name	Cover	
Avena barbata	a - slender wild oat	<1%	
Bromus horde	eaceus - soft chess	<1%	
Festuca myuros -	Festuca myuros - rattail sixweeks grass		
Gastridium pl	Gastridium phleoides - nit grass		
-	<i>Lysimachia arvensis</i> - scarlet pimpernel <1%		
	opifolia - grass poly	>75%	
	liensis - rabbitfoot grass	5-10%	
Silene gallic	Silene gallica - windmill pink <1%		

Fiscal Year: 2024

Complex Name: Otay Lakes (K5)

Additional Information:

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: 6-15 Dead Species Present in Pool: Cover of Rocks/Cobble in Basin: <1%

Ponded Water Present: no

Cover of Litter in Basin: <1%

VP ID: 1801

2024 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
Acmispon micranthus - Grab Lotus
Adenostoma fasciculatum - chamise
Avena barbata - slender wild oat
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Polypogon monspeliensis - rabbitfoot grass
Selaginella cinerascens - ashy spike-moss
Silene gallica - windmill pink
Sisyrinchium bellum - western blue-eyed-grass
<i>Stipa</i> sp.

Notes: Recent maintenance noticed outside the pools. Maintenance is needed within pools.

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5) **VP ID: 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 2024 Quantitative Monitoring Data Survey Date: 5/23/2024 Survey Start Time: 11:44 AM Survey End Time: 12:34 PM Surveyors: Jason Allen, Adam Skinner VPHCP Covered Species Present: ERAR, NAFO **Cover of ERAR in Basin:** 1-5% Cover of ORCA in Basin: **Cover of NAFO in Basin:** <1% Cover of POAB in Basin: Cover of PONU in Basin: Cover of Native Species in Basin: 10-25% Native Species Richness in Basin: 10 **Other Native Species in Pool: Species Name** Cover Deinandra conjugens - Otay tarplant <1% Elatine brachysperma - short-seed waterwort <1% Eleocharis macrostachya - pale spike-rush 1-5% Epilobium campestre - smooth boisduvalia 5-10% Juncus bufonius - toad rush <1% Myosurus minimus ssp. apus - little mouse tail <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 1-5% Zeltnera venusta - California centaury <1% Nonnative Species in Pool:

Species Name	Cover
Brassica nigra - black mustard	<1%
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	<1%
Glebionis coronaria - crown daisy	<1%
Helminthotheca echioides - bristly ox-tongue	25-50%
Lactuca serriola - prickly lettuce	<1%
Lamarckia aurea - golden-top	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	5-10%
Melilotus indicus - annual yellow sweetclover	<1%
Polypogon monspeliensis - rabbitfoot grass	5-10%
Silene gallica - windmill pink	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 50-75%

Nonnative Species Richness in Basin: 16

Fiscal Year: 2024		
Complex Name: Robinhood Ridge (J4-5)		VP ID: 1580
Additional Information:		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: <1%
Days Since Last Rain: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

VP ID: 1580

2024 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 rubens - red brome	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Cylindropuntia prolifera - coast cholla	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
Eriogonum fasciculatum - California buckwheat	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Gastridium phleoides - nit grass	
Glebionis coronaria - crown daisy	
Helminthotheca echioides - bristly ox-tongue	
Hypochaeris glabra - smooth cat's-ear	
Isocoma menziesii - coastal goldenbush	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Logfia arizonica - Arizona cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssopifolia - grass poly	
Matricaria discoidea - pineapple weed	
Myosurus minimus ssp. apus - little mouse tail	
Opuntia littoralis - coast prickly-pear	
Polypogon monspeliensis - rabbitfoot grass	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Zeltnera venusta - California centaury	

Fiscal Year: 2024

FISCAL TE	al: 2024			
Complex	Complex Name:Robinhood Ridge (J4-5)VP ID: 1598		VP ID: 1598	
2003 Ba	seline Survey Data			
Baseline	e Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	Baseline Cover	of ORCA: 0.0
	e Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2024 Qu	antitative Monitoring Data			
Survey [Date: 5/8/2024 Survey Star	t Time: 12:50 PM Survey En	d Time: 01:40 PM	
Surveyo	rs: Jason Allen, Sara Allen			
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: 1-5%		
	Cover of Native Species in Basin:	10-25% Native Specie	s Richness in Basin: 10	
Other N	ative Species in Pool:			
	Speci	es Name	Cover	
	Callitriche marginata	- winged water-starwort	<1%	
	Elatine brachyspermo	a - short-seed waterwort	<1%	
	Myosurus minimus ss	p. <i>apus</i> - little mouse tail	<1%	
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%	
	Sisyrinchium bellum -	western blue-eyed-grass	<1%	
	Stipa pulchra - p	ourple needle grass	<1%	
	Triglochin scilloide	s - flowering-quillwort	<1%	
	Zeltnera venusta	- California centaury	<1%	
Nonnati	ve Species in Pool:			
		es Name	Cover	
	Bromus horde	aceus - soft chess	<1%	
	Festuca myuros -	rattail sixweeks grass	<1%	
	Gastridium ph	leoides - nit grass	<1%	
	Helminthotheca echi	oides - bristly ox-tongue	<1%	

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

<1%

5-10%

<1%

Nonnative Species Richness in Basin: 7

Dead Species Present in Pool:

Days Since Last Rain: 1-5

Additional Information:

Cover of Nonnative Species in Basin: 10-25%

Lysimachia arvensis - scarlet pimpernel

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

```
VP ID: 1598
```

2024 Quantitative Monitoring Data continued

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

Acmispon americanus var. americanus - Spanish lotus Ansinckia intermedia - common fiddleneck Artemisia californica - California sagebrush Artemisia californica - San Diego viguiera Bahiopsis laciniata - San Diego viguiera Bromus hordeaceus - soft chess Bromus norbers - red brome Calachortus splendien - splendid mariposa Illy Centaurea melitensis - tocalote Cylindrapuntia prolifera - cass cholla Daucus pusillus - rattlesnake weed Deinondro fasciculatur - fascicled tarweed Dittrichia graveolens - stinkwort Eriogonum fasciculatur - fascicled tarweed Erongonum fasciculatur - redistem filaree Erongonum fasciculatur - fascicled tarweed Dittrichia graveolens - stinkwort Eriogonum fasciculatur - fasci devidento- relery Festuca myuros - rattali shxweeks grass Gastridium phleoides - nit grass Gastridium phleoides - nit grass Gastridium phleoides - nit grass Gastridium phleoides - stinky ox-tongue Logfia arizonica - Arizona cattotnrose Logfia galica - daggerleaf cottonrose Logfia galica - daggerleaf cottonrose Lysinachia arvensis - scalte pimpernel Myosurus minimur - little-seeded canary gra	Species Name
Artemisia californica - California sagebrushAtriplex pacifica - south coast saltscaleBahiopsis lacinitat - San Diego viguieraBronus hordeaceus - soft chessBronus rubens - red bromeCalacchortus splendend mariposa lilyCalacchortus splendend mariposa lilyCentaurea melitensis - tocaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatEriogonum fasciculatum - California buckwheatErynglum aristulatum var. parishi - San Diego button-celeryFestuca myrors - ratali sixweeks grassFestuca merons - rye grassGastridium phleoides - nit grassGastridium phleoides - nit grassCalacthia arizonica - Arizona cottonroseLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggeleaf cottonroseLogfia panism sminus ssp. apus - little mouse tailMyosurus minimus ssp. apus - little mouse tailPholaris minor - little-seeded canary grassPolypagon monspeliensis - rabibifoot grassPolypagon monspeliensis - lojobaSalvinchilur melilera - baker segelSalvinelliler a- baker segelSalvinelliler a- baker segelSalvinellilera - baker segelSalvinellilera - baker segelSalvinellilera - baker segelConstrumentilera - baker segelConstrumentilera - baker segelConstrumentilera - ba	Acmispon americanus var. americanus - Spanish lotus
Attiplex pacifica - south coast saltscale Bahiopsis laciniata - San Diego viguiera Bromus hardeaceus - soft chess Bromus rubens - red brome Calachortus splendens - selendid mariposa lily Centourea melitensis - tocalote Crassula connata - pygmy-weed Cylindropuntia prolifera - coast cholla Deinondra fasciculata - fascicled tarweed Deinondra fasciculata - fascicled tarweed Dittrichia graveolens - stinkwort Eriogonum fasciculatum - California buckwheat Eriogonum fasciculatum - California buckwheat Erongum aristulatum var. parishi - San Diego button-celery Festuca perennis - reg grass Gastridium phleoides - nit grass Gastridium phleoides - nit grass Gagerleaf cottonrose Logfia arizonica - Arizona cottonrose Logfia galica - daggerleaf cottonrose Lysimachia arvensis - scalet pimpernel Lytimum hyssopifolia - grass Pohyogon monspellensis - rabibitoot grass Pohyogon monspellensis - choking plant Pholaris minor - little-seeded canary grass Polyogon monspellensis - rabibitoot grass Polyopogn monspellensis - rabibitoot grass Polyopogn monspellensis - rabibitoot grass	Amsinckia intermedia - common fiddleneck
Bahiopsis laciniata - San Diego viguiera Bromus hordeaceus - soft chess Bromus rubens - red brome Calachortus splendens - splendid mariposa lily Centaurea melitensis - tocalote Crassula connato - pygmy-weed Cylindropuntia prolifera - coast cholla Daucus pusillus - rattlesnake weed Deinondra fasciculata - fascicle tarweed Dittrichia graveolens - stinkwort Eriogonum fasciculatum - california buckwheat Erodium cicutarium - redstine lilaree Eryngium aristulatum var. parishi - San Diego button-celery Festuca prennis - rye grass Gastridium pileoides - nit grass Gastridium paleides - nit grass Gastridium paleides - nit grass Gastridium paleide - daggerleaf cottonrose Lagfia gallica - daggerleaf cottonrose Lagfia gallica - daggerleaf cottonrose Lysimachia arvensis - scarlet pimpernel Lysimachia is var. crassifolia - wishbone bush Myosurus minimus ssp. apus - little mouse tail Pholaris minor - little-seeded canary grass Polypogon monspeliensis - rabbitfoot grass Polypogon monspeliensis - valuet woollyheads Salvia mellifera - black sage Selaginella cinerascens - ashy spike-moss <td>Artemisia californica - California sagebrush</td>	Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess Bromus rubens - red brome Calachortus splendens - splendid mariposa lily Centaurea melitensis - tocalote Crassula connata - pygmy-weed Cylindropuntia prolifera - coast cholla Daccus pusillus - rattiensake weed Debinandro fasciculata - fascicled tarweed Dittrichia graveolens - stinkwort Eriogonum fasciculatur - California buckwheat Eroigum aristulatum var. parishii - San Diego button-celery Festuca prennis - riye grass Gastridium pheoides - nit grass Gastridium pheoides - bristly ox-tongue Logfia arizonica - Arizona cottonrose Logfia arizonica - Arizona cottonrose Logfia arizonica - arizona jerise y grass Polypogon monspeliensis - scalet pimpernel Lythrum hyssopifolia - grass poly Mirabils laevis var. crassifolio - wishbone bush Myosurus minimus ssp. apus - little mouse tail Phalaris minor - little-seeded canary grass Polypogon monspeliensis - rabbitfoot grass Polypogon sciencens - saly spike-moss Salvia mellifera - black sage Selaginella cinerascens - ashy spike-moss Signinchia mertensis - jojoba	Atriplex pacifica - south coast saltscale
Bromus rubens - red brome Calochortus splendens - splendid mariposa lily Centaurea melitensis - tocalote Crassula connata - pygmy-weed Cylindropuntia prolifera - coast cholla Dacus pusillus - rattlesnake weed Deinandra fasciculata - fascicled tarweed Deinandra fasciculata - fasciclet tarweed Deinandra fasciculata - fasciclet tarweed Eriogonum fasciculatum - California buckwheat Erodium cicutarium - redstem filaree Eryngium aristulatum var. parishii - San Diego button-celery Festuca myuros - rattali sixweeks grass Gastridium phleoides - nit grass Gastridium palustre - lowland cudweed Helminthotheca echioides - hit grass Caloglia arizonica - Arizona cottonrose Logfia arizonica - Arizona cottonrose Logfia gallica - daggerleaf cottonrose Lysimachia arvensis - scarlet pimpernel Lysimachia arvensis - scarlet pimpernel Mirabilis laevis var. crassifolia - wishbone bush Myosurus minimus ssp. apus - little mouse tail Pholaris minor - little-seeded canary grass Polypogon monspeliensis - rabbitfoot grass Polypogon monspeliensis - rabbitfoot grass Salvia mellifera - black sage Salvia mellifera	Bahiopsis laciniata - San Diego viguiera
Calachartus splendens - splendid mariposa IliyCentaurea melitensis - tocaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatEriogonum arsciulatum - California buckwheatEryngium aristulatum var. parishi - San Diego button-celeryFestuca myuros - rattail sixweeks grassGastridium phleoides - nit grassGastridium phleoides - nit grassGastridium palustre - lowland cudweedHeliminthotheca echioldes - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia arizonica - Arizona cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPholaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfor grassSalvia mellifera - black sageSalvia mellifera - black sageSalvia mellifera - black sageSalvia mellifera - black sageSelaginella chinensis - jojobaSityninchium bellum - western blue-eyed-grassStipa Lepida - foothill needle grass	Bromus hordeaceus - soft chess
Centuurea melitensis - tocaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatEroigum aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassGastridium phleoides - nit grassGastridium phleoides - nit grassGastridium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia arizonica - Arizona cottonroseLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - akng wollyheadsSalvia mellifera - black sageSelaginella cineracense - salvy spike-mossSilvia mellifera - black sageSilvia mellifera - black sageStipa lepida - foothill needle grass	Bromus rubens - red brome
Crassula connata - pygmy-weedC/vlindropuntia prolifera - coast chollaDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeErynglum aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassGastridium phleoides - nit grassGastridium phleoides - nit grassGastridium galustre - lowland cudweedHelminthotheca echicides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLysimachia arvensis - scarlet pimpernelLysimachia inum sysopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canry grassPolypogon monspeliensis - rabitifoot grassPolypogon monspeliensis - abitifoot grassSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSitipa lepida - foothill needle grass	Calochortus splendens - splendid mariposa lily
Cylindropuntia prolifera - coast chollaDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatErodium cicutorium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassGastridium phleoides - nit grassGastridium phleoides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scalet pimpernelLysimachia sixwar. rassifolia - yrass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded carary grassPolypogon monspeliensis - rabitifoot grassPolypogon monspeliensis - sabitifoot grassSalvia mellifera - black sageSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSitipa lepida - foothill needle grass	Centaurea melitensis - tocalote
Daucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassGastridium phleoides - nit grassGastridium phleoides - nit grassGastridium phleoides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbilfoot grassSalvia mellifera - black sageSalvia mellifera - black sageSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweedDittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGastridium palustre - lowland cudweedHelminthatheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPolypogon monspeliensis - rabbilfoot grassPolypogon monspeliensis - rabbilfoot grassSalvia mellifera - black sageSalvia mellifera - black sageSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Cylindropuntia prolifera - coast cholla
Dittrichia graveolens - stinkwortEriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGnaphalium palustre - lowland cudweedLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushPhalaris minor - little -seeded canary grassPolypogon monspeliensis - rabitfoot grassPolypogon monspeliensis - rabitfoot grassSalvia mellifera - black sageSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Daucus pusillus - rattlesnake weed
Eriogonum fasciculatum - California buckwheatErodium cicutarium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGnaphalium palustre - lowland cudweedLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushPhalaris minor - little -seeded canary grassPolypogon monspeliensis - rabitfoot grassPolypogon monspeliensis - rabitfoot grassSalvia mellifera - black sageSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grassStipa lepida - foothill needle grass	Deinandra fasciculata - fascicled tarweed
Erodium cicutarium - redstem filareeEryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGanphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPseudognaphalium stramineum - cotton-batting plantPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaStipa lepida - foothill needle grass	Dittrichia graveolens - stinkwort
Eryngium aristulatum var. parishii - San Diego button-celeryFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGanphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLuyimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassSalvia mellifera - black sageSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Eriogonum fasciculatum - California buckwheat
Festuca myuros - rattail sixweeks grassFestuca perennis - rye grassGastridium phleoides - nit grassGnaphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Erodium cicutarium - redstem filaree
Festuca perennis - rye grassGastridium phleoides - nit grassGnaphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMirabilis laevis var. crassifolia - wishbone bushPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Eryngium aristulatum var. parishii - San Diego button-celery
Gastridium phleoides - nit grassGnaphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPoseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Festuca myuros - rattail sixweeks grass
Gnaphalium palustre - lowland cudweedHelminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPoseudognaphalium stramineum - cotton-batting plantPseudognaphalium stramineum - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Festuca perennis - rye grass
Helminthotheca echioides - bristly ox-tongueLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Gastridium phleoides - nit grass
Logfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPoseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaStipa lepida - foothill needle grass	Gnaphalium palustre - lowland cudweed
Logfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonroseLysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPseudognaphalium stramineum - dwarf woollyheadsSalvia mellifera - black sageSalvia mellifera - black sageSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Helminthotheca echioides - bristly ox-tongue
Lysimachia arvensis - scarlet pimpernelLythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Logfia arizonica - Arizona cottonrose
Lythrum hyssopifolia - grass polyMirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Logfia gallica - daggerleaf cottonrose
Mirabilis laevis var. crassifolia - wishbone bushMyosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPoseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Lysimachia arvensis - scarlet pimpernel
Myosurus minimus ssp. apus - little mouse tailPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Lythrum hyssopifolia - grass poly
Phalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Mirabilis laevis var. crassifolia - wishbone bush
Polypogon monspeliensis - rabbitfoot grass Pseudognaphalium stramineum - cotton-batting plant Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Salvia mellifera - black sage Selaginella cinerascens - ashy spike-moss Simmondsia chinensis - jojoba Stisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Myosurus minimus ssp. apus - little mouse tail
Pseudognaphalium stramineum - cotton-batting plantPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSalvia mellifera - black sageSelaginella cinerascens - ashy spike-mossSimmondsia chinensis - jojobaSisyrinchium bellum - western blue-eyed-grassStipa lepida - foothill needle grass	Phalaris minor - little-seeded canary grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Salvia mellifera - black sage Selaginella cinerascens - ashy spike-moss Simmondsia chinensis - jojoba Sisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Polypogon monspeliensis - rabbitfoot grass
Salvia mellifera - black sage Selaginella cinerascens - ashy spike-moss Simmondsia chinensis - jojoba Sisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Pseudognaphalium stramineum - cotton-batting plant
Selaginella cinerascens - ashy spike-moss Simmondsia chinensis - jojoba Sisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba Sisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Salvia mellifera - black sage
Sisyrinchium bellum - western blue-eyed-grass Stipa lepida - foothill needle grass	Selaginella cinerascens - ashy spike-moss
Stipa lepida - foothill needle grass	Simmondsia chinensis - jojoba
	Sisyrinchium bellum - western blue-eyed-grass
Stipa pulchra - purple needle grass	Stipa lepida - foothill needle grass
	Stipa pulchra - purple needle grass

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

VP ID: 1598

Zeltnera venusta - California centaury

Fiscal Year: 2024		
Complex Name: Robinhood Ridge (J4-5)		VP ID: 1668
2003 Baseline Survey Data		
Baseline Cover of ERAR: 75.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/8/2024 Survey Sta	rt Time: 09:44 AM Survey End	d Time: 11:37 AM
Surveyors: Sara Allen, Amy Matson, Jonat	han Mercado, Jason Allen, Mark Be	rninger, Whitney Haluza
VPHCP Covered Species Present: ERAR, NA	AFO,PONU	
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Cover of Native Species in Basin	S0-75% Native Species	Richness in Basin: 13
Other Native Species in Pool:		
Spec	ies Name	Cover
Artemisia californio	ca - California sagebrush	<1%
Crassula aquatic	a - water pygmyweed	<1%
Deinandra fascicu	lata - fascicled tarweed	<1%
Deschampsia dantho	<i>nioides</i> - annual hair grass	<1%
Gnaphalium palus	stre - lowland cudweed	<1%
Juncus bufe	onius - toad rush	<1%
Lysimachia m	<i>inima</i> - chaffweed	<1%
Myosurus minimus s	sp. <i>apus</i> - little mouse tail	<1%
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%
Zeltnera venusto	a - California centaury	<1%
Nonnative Species in Pool:		
Spec	ies Name	Cover
Bromus hord	eaceus - soft chess	1-5%
Bromus rub	oens - red brome	<1%
Dittrichia gra	veolens - stinkwort	<1%
Festuca myuros -	rattail sixweeks grass	1-5%
Festuca per	rennis - rye grass	<1%
Lysimachia arven	<i>sis</i> - scarlet pimpernel	<1%
Lythrum hysso	opifolia - grass poly	1-5%

Cover of Nonnative Species in Basin: 5-10%

Phalaris minor - little-seeded canary grass

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 10

Additional Information:

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 1-5% Days Since Last Rain: 1-5 **Dead Species Present in Pool:**

Ponded Water Present: no

Cover of Litter in Basin: 1-5%

<1%

1-5%

<1%

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

VP ID: 1668

2024 Quantitative Monitoring Data continued

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

Species in Burlet - 20 100t of o meter radius around basin permeter /
Acmispon glaber var. glaber - deerweed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Erigeron canadensis - horseweed
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
Festuca perennis - rye grass
Gnaphalium palustre - lowland cudweed
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Laennecia coulteri - Coulter's horseweed
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Peritoma arborea - bladderpod
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Fiscal Year: 2024

Fiscal Year: 2024 Complex Name: Robinhood Ridge (J4-5)		VP ID: 1684
2003 Baseline Survey Data		VI 12. 1004
	aseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
	aseline Cover of PONU: 0.5	Desenne Cover of Orica. 0.0
2024 Quantitative Monitoring Data	aseline cover of PONO: 0.5	
Survey Date: 5/8/2024 Survey Start Ti	ime: 01:48 PM Survey End	Time: 02:44 PM
Surveyors: Jason Allen, Sara Allen		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75% C	over of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: C	over of PONU in Basin:	
Cover of Native Species in Basin: >7	75% Native Species	Richness in Basin: 7 7
Other Native Species in Pool:		
Species	Name	Cover
Cylindropuntia prolij	fera - coast cholla	<1%
Eleocharis macrostach	<i>ya</i> - pale spike-rush	1-5%
Juncus bufoniu	Juncus bufonius - toad rush	
Lysimachia minin	na - chaffweed	<1%
Psilocarphus brevissimus var. bre	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Psilocarphus tenellus - sl	Psilocarphus tenellus - slender woolly-marbles	
Nonnative Species in Pool:		
Species	Name	Cover
Bromus hordeace	Bromus hordeaceus - soft chess	
Cotula coronopifolio	a - brass-buttons	<1%
Festuca myuros - rati	tail sixweeks grass	<1%
Lysimachia arvensis -	<i>Lysimachia arvensis</i> - scarlet pimpernel	
	Lythrum hyssopifolia - grass poly	
Lythrum hyssopifo		<1%
Lythrum hyssopifo Phalaris minor - little-s	olia - grass poly	<1% <1%
	olia - grass poly seeded canary grass	

Additional Information:

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: 1-5	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

VP ID: 1684

2024 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 salicifolia - mule fat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Castilleja densiflora ssp. gracilis - graceful owl's clover
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erigeron canadensis - horseweed
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
Isocoma menziesii - coastal goldenbush
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mirabilis laevis var. crassifolia - wishbone bush
Oncosiphon pilulifer - stinknet
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Schismus barbatus - Mediterranean schismus
Senecio vulgaris - common groundsel
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa pulchra - purple needle grass

Fiscal Year: 2024

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: 10.0	
2024 Quantitative Monitoring Data		
Survey Date: 5/17/2024 Survey S	tart Time: 02:50 PM Survey En	d Time: 03:23 PM
Surveyors: Jason Allen, Sara Allen		
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:	
Cover of Native Species in Bas	in: 25-50% Native Species	s Richness in Basin: 4 4
Other Native Species in Pool:		
Sp	ecies Name	Cover
Cylindropuntic	a prolifera - coast cholla	<1%
Laennecia coult	eri - Coulter's horseweed	<1%
Psilocarphus brevissimus v	ar. brevissimus - dwarf woollyheads	<1%
Nonnative Species in Pool:		
Normative species in Pool.	ecies Name	Cover
	ecies Mairie	<1%
Sp	rdeaceus - soft chess	
Sp Bromus hol		<1%
Sp Bromus hol Bromus r	rdeaceus - soft chess	<1% <1%
Sp Bromus hor Bromus r Dittrichia gr	<i>rdeaceus</i> - soft chess <i>ubens</i> - red brome	
Sp Bromus hor Bromus r Dittrichia gu Lysimachia arv	rdeaceus - soft chess ubens - red brome raveolens - stinkwort	<1%

Additional Information:

 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: 1-5
 Ponded Water Present: no
 Ponded Water Present: no

Dead Species Present in Pool:

Carrichtera annua - Ward's weed Centaurea melitensis - tocalote Crassula connata - pygmy-weed Croton setiger - doveweed 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 Isocoma menziesii - coastal goldenbush Juncus bufonius - toad rush Lactuca serriola - prickly lettuce Laennecia coulteri - Coulter's horseweed Opuntia littoralis - coast prickly-pear Peritoma arborea - bladderpod Phalaris minor - little-seeded canary grass Pogogyne nudiuscula - Otay mesa mint Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Rhus integrifolia - lemonade berry Salvia mellifera - black sage Simmondsia chinensis - jojoba Sonchus asper ssp. asper - prickly sow thistle Stipa miliacea var. miliacea - smilo grass

Fiscal Year: 2024

Complex Name: Robinhood Ridge (J4-5)

VP ID: 1710

2024 Quantitative Monitoring Data continued				
Associat	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			
	Avena fatua - wild oat			
	Baccharis sarothroides - broom baccharis			
	Bahiopsis laciniata - San Diego viguiera			
	Bromus hordeaceus - soft chess			

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)	VP ID: 1235
2003 Baseline Survey Data	
Baseline Cover of ERAR: 0.0 Baseline Cover of NAFO	Baseline Cover of ORCA: 10.0
Baseline Cover of POAB: 0.0 Baseline Cover of PONU	J: 0.0
2024 Quantitative Monitoring Data	
Survey Date: 5/23/2024 Survey Start Time: 02:50 PM Survey Start Time: 02:50 PM	urvey End Time: 03:40 PM
Surveyors: Jason Allen, Adam Skinner	
VPHCP Covered Species Present: PONU,NAFO,ERAR,ORCA	
Cover of ERAR in Basin: <1% Cover of NAFO in Basin:	: <1% Cover of ORCA in Basin: <1%
Cover of POAB in Basin: Cover of PONU in Basin	: 1-5%
Cover of Native Species in Basin: 25-50% Native	e Species Richness in Basin: 18
Other Native Species in Pool:	
Species Name	Cover
Callitriche marginata - winged water-starwort	<1%
Crassula aquatica - water pygmyweed	<1%
Deinandra fasciculata - fascicled tarweed	<1%
Deschampsia danthonioides - annual hair grass	<1%
Elatine brachysperma - short-seed waterwort	<1%
Eleocharis macrostachya - pale spike-rush	1-5%
Epilobium campestre - smooth boisduvalia	1-5%
Juncus bufonius - toad rush	<1%
Malvella leprosa - alkali-mallow	10-25%
Myosurus minimus ssp. apus - little mouse tail	<1%
Pilularia americana - American pillwort	<1%
Plagiobothrys acanthocarpus - adobe popcornflow	ver <1%
Psilocarphus brevissimus var. brevissimus - dwarf wooll	yheads 10-25%
Triglochin scilloides - flowering-quillwort	<1%
Nonnative Species in Pool:	
Species Name	Cover

Species Name	Cover
Beta vulgaris ssp. maritima - sea beet	<1%
Cotula coronopifolia - brass-buttons	<1%
Festuca perennis - rye grass	<1%
Lactuca serriola - prickly lettuce	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	5-10%
Phalaris minor - little-seeded canary grass	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 8

Fiscal Year: 2024		
Complex Name: South Otay 1 acre (J13N)	VP ID: 1235	
Additional Information:		
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin: ${<}1\%$	Cover of Litter in Basin: 10-25%
Days Since Last Rain: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)

VP ID: 1235

2024 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
Baccharis salicifolia - mule fat
Bahiopsis laciniata - San Diego viguiera
Bromus diandrus - ripgut grass
Bromus rubens - red brome
Callitriche marginata - winged water-starwort
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Erodium cicutarium - redstem filaree
Erodium moschatum - greenstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Heterotheca grandiflora - telegraph weed
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Isoetes orcuttii - Orcutt's quillwort
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Lasthenia gracilis - common goldfields
Lepidium nitidum - shining peppergrass
Logfia arizonica - Arizona cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Malvella leprosa - alkali-mallow
Melilotus indicus - annual yellow sweetclover
Mesembryanthemum nodiflorum - slender-leaved iceplant
Myosurus minimus ssp. apus - little mouse tail
Navarretia fossalis - spreading navarretia
Orcuttia californica - California Orcutt grass
Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)	VP ID: 1235
Plagiobothrys acanthocarpus - adobe popcornflower	
Pogogyne nudiuscula - Otay mesa mint	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Spergularia bocconi - Boccone's sand-spurrey	
Stipa pulchra - purple needle grass	
Zeltnera venusta - California centaury	

Notes:

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13)	VP ID: 2339				
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				
2024 Quantitative Monitoring Data					
Survey Date: 5/23/2024 Survey St	art Time: 01:20 PM Survey End	Time: 02:48 PM			
Surveyors: Jason Allen, Adam Skinner					
VPHCP Covered Species Present: PONU,	ERAR,ORCA				
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin: <1%			
Cover of POAB in Basin:	Cover of PONU in Basin: <1%				
Cover of Native Species in Basin	n: 50-75% Native Species	Richness in Basin: 16			
Other Native Species in Pool:					
Spe	ecies Name	Cover			
Callitriche margina	<1%				
Crassula aquati	ica - water pygmyweed	<1%			
Deinandra fascic	Deinandra fasciculata - fascicled tarweed				
Deschampsia danth	Deschampsia danthonioides - annual hair grass				
Eleocharis macro	<i>stachya</i> - pale spike-rush	50-75%			
Erigeron can	adensis - horseweed	<1%			
Juncus bu	<i>fonius</i> - toad rush	1-5%			
Lysimachia i	<i>minima</i> - chaffweed	<1%			
Malvella lep	rosa - alkali-mallow	5-10%			
Myosurus minimus	ssp. <i>apus</i> - little mouse tail	<1%			
Pseudognaphalium stro	amineum - cotton-batting plant	<1%			
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads				
Triglochin scilloid	<1%				
Nonnative Species in Pool:					
Spe	ecies Name	Cover			
Dittrichia gro	aveolens - stinkwort	<1%			
Erodium cicuto	arium - redstem filaree	<1%			
Festuca pe	Festuca perennis - rye grass				

Festuca perennis - rye grass	<1%
Hordeum marinum ssp. gussoneanum - Mediterranean barley	<1%
Lythrum hyssopifolia - grass poly	5-10%
Melilotus indicus - annual yellow sweetclover	<1%
Phalaris minor - little-seeded canary grass	<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: 9

Fiscal Year: 2024		
Complex Name: South Otay 1 acre (J13N)		VP ID: 2339
Additional Information:		
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: ${<}1\%$	Cover of Litter in Basin: 10-25%
Days Since Last Rain: 16	Ponded Water Present: no	
Dead Species Present in Pool:		

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)

VP ID: 2339

2024 Quantitative Monitoring Data continued

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

	Species Name
	Artemisia californica - California sagebrush
	Artemisia palmeri - San Diego sagewort
	Baccharis salicifolia - mule fat
	Beta vulgaris ssp. maritima - sea beet
	Bromus diandrus - ripgut grass
	Bromus rubens - red brome
	Callitriche marginata - winged water-starwort
	Crassula aquatica - water pygmyweed
	Crassula connata - pygmy-weed
	Deinandra fasciculata - fascicled tarweed
	Distichlis spicata - salt grass
	Elatine brachysperma - short-seed waterwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Erigeron canadensis - horseweed
	Eriogonum fasciculatum - California buckwheat
	Erodium cicutarium - redstem filaree
	Erodium sp.
Erj	yngium aristulatum var. parishii - San Diego button-celery
	Festuca perennis - rye grass
Ног	rdeum marinum ssp. gussoneanum - Mediterranean barley
	Juncus bufonius - toad rush
	Laennecia coulteri - Coulter's horseweed
	Lysimachia arvensis - scarlet pimpernel
	Lythrum hyssopifolia - grass poly
	Malvella leprosa - alkali-mallow
	Melilotus indicus - annual yellow sweetclover
	Myosurus minimus ssp. apus - little mouse tail
	Navarretia fossalis - spreading navarretia
	Orcuttia californica - California Orcutt grass
	Peritoma arborea - bladderpod
	Phacelia cicutaria - caterpillar phacelia
	Phacelia minor - wild canterbury bells
	Plagiobothrys acanthocarpus - adobe popcornflower
	Pogogyne nudiuscula - Otay mesa mint
	Pseudognaphalium stramineum - cotton-batting plant
Psil	ocarphus brevissimus var. brevissimus - dwarf woollyheads
	Sisyrinchium bellum - western blue-eyed-grass

Fiscal Year: 2024

Complex Name: South Otay 1 acre (J13N)	VP ID: 2339
Spergularia bocconi - Boccone's sand-spurrey	
Stipa pulchra - purple needle grass	
Triglochin scilloides - flowering-quillwort	
Zeltnera venusta - California centaury	

Notes:

Fiscal Year: 2024	
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
2024 Quantitative Monitoring Data	
Survey Date: 6/4/2024 Survey Start Time: 08:46 AM Su	rvey End Time: 09:48 AM
Surveyors: Jason Allen, Diana Brand Ramirez, Adam Skinner	
VPHCP Covered Species Present: PONU, 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:	10-25%
Cover of Native Species in Basin: 50-75% Native	Species Richness in Basin: 12
Other Native Species in Pool:	
Species Name	Cover
Baccharis sarothroides - broom baccharis	<1%
Crassula aquatica - water pygmyweed	<1%
Croton setiger - doveweed	1-5%
Deinandra fasciculata - fascicled tarweed	1-5%
Festuca octoflora - sixweeks grass	1-5%
Juncus bufonius - toad rush	1-5%
Lysimachia minima - chaffweed	1-5%
Myosurus minimus ssp. apus - little mouse tail	1-5%
Plagiobothrys acanthocarpus - adobe popcornflowe	er <1%
Psilocarphus brevissimus var. brevissimus - dwarf woolly	heads 25-50%
Nonnative Species in Pool:	
Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Euphorbia serpens - matted sandmat	<1%
Festuca myuros - rattail sixweeks grass	5-10%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	1-5%
Spergularia bocconi - Boccone's sand-spurrey	<1%
Cover of Nonnative Species in Basin: 10-25% Nonna	tive Species Richness in Basin: 7

Additional Information:

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: 16 Ponded Water Present: no Dead Species Present in Pool:

Fiscal Year: 2024

Complex Name: West Otay C (J32)

VP ID: 1545

2024 Quantitative Monitoring Data continued

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

Species Name
Amaranthus albus - tumbleweed
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus rubens - red brome
Crassula aquatica - water pygmyweed
Crassula connata - pygmy-weed
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Euphorbia serpens - matted sandmat
Festuca myuros - rattail sixweeks grass
Heterotheca grandiflora - telegraph weed
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
<i>Lysimachia minima</i> - chaffweed
Lythrum hyssopifolia - grass poly
Myosurus minimus ssp. apus - little mouse tail
Oncosiphon pilulifer - stinknet
Peritoma arborea - bladderpod
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus sp.
Stipa lepida - foothill needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Appendix C-3

2024 Dry Soil Analysis Report

DRY SOIL ANALYSIS AND CYST CULTURING FOR THE DETECTION OF FEDERALLY-LISTED LARGE BRANCHIOPODS IN NEWLY DISCOVERED VERNAL POOLS WITHIN THE CITY OF SAN DIEGO, CALIFORNIA





CITY OF SAN DIEGO-PARKS AND REC DEPT. 9485 Aero Dr., MS 5D San Diego, CA 92123 *Contact:* Jason Allen (619) 685-1328 Prepared by: HELM Institution BIOLOGICAL CONSULTING Drawn 4600 Karchner Rd, Sheridan, CA 95681

HELM BIOLOGICAL CONSULTING 4600 Karchner Road Sheridan, CA 95681 *Contact*: Dr. Brent Helm (530) 633-0220

September 2024



DRY SOIL ANALYSIS AND CYST CULTURING FOR THE DETECTION OF FEDERALLY-LISTED LARGE BRANCHIOPODS IN NEWLY DISCOVERED VERNAL POOLS WITHIN THE CITY OF SAN DIEGO, CALIFORNIA

INTRODUCTION

Helm Biological Consulting (HBC), a division of Tansley Team, Inc., was contracted by the City of San Diego Parks and Recreation to perform an analysis of soils collected from dry seasonallyinundated depressions (hereafter "pools") at the Vernal Pool Habitat Conservation Plan (hereafter "Project"), for the presence of large branchiopods (fairy shrimp, tadpole shrimp) that are listed as threatened or endangered under the federal Endangered Species Act (e.g., the threatened San Diego fairy shrimp [*Branchinecta sandiegonensis*], the endangered Riverside fairy shrimp [*Streptocephalus woottoni*]).

The Project occurs within three different vernal pool complex locations (Dormouse, Topsail, and Ocean View Hills Pkwy [O.V.H. Pkwy]) within the City of San Diego, San Diego County, California. The locations are further described below.

The Dormouse Vernal Pool Complex occurs within an unsectioned portion of Township 14 South, Range 3 West, San Bernardino Base & Meridian, of the Del Mar, California United States Geological Survey 7.5-minute quadrangle map. Approximate Center Coordinates (WGS84) for Del Mar Mesa - Dormouse: Latitude 32.945512, Longitude -117.157425. (Figure 1). Topsail Vernal Pool Complex occurs within the northwest 1/4 of the southeast 1/4 of Section 19, Township 18 South, Range 1 West, San Bernardino Base & Meridian, Imperial Beach, California United States Geological Survey 7.5-minute quadrangle map. Approximate Center Coordinates (WGS84) for Topsail: Latitude 32.588169, Longitude -117.020517 (Figure 2). Ocean View Hills Pkwy Vernal Pool Complex occurs at the boundary between the northwest 1/4 of Section 30 and the southwest 1/4 of Section 19; Township 18 South and Range 1 West, San Bernardino Base & Meridian, Imperial Beach, California United States Geological Survey 7.5minute quadrangle map. Approximate Center Coordinates (WGS84) for Ocean View Hills Pkwy: Latitude 32.583452, Longitude -117.024427 (Figure 2).

The remainder of this report discusses the methods and results of the soil examinations and cyst culturing to determine the presence of federally- listed large branchiopods at the Project.



"We certify that the information in this survey report and attached exhibits fully and accurately represents our work."

Brent P. Helm Signature _ (TE-795930-12)	But theh	Date <u>9-13-2024</u>
City of San Diego Signature _ (TE-97791C-0)	Jason W. Allen	Date <u>9-13-2024</u>





Figure 1. Project Location - Del Mar Mesa

OCEAN VIEW HILLS VERNAL POOL COMPLEXES, SAN DIEGO, CALIFORNIA



Figure 2. Project Location - Ocean View Hills



METHODS

Methods followed USFWS's (2017) *Survey Guidelines for Listed Large Branchiopods* for dryseason sampling and consisted of first soil collection, then second soil processing and analysis, and lastly cyst culturing as described below.

SOIL COLLECTION

Dry soils were collected on November 14, 2023 by The City of San Diego (TE-97791C-0) as authorized by USFWS Section 10(a)(1)(A) of the federal Endangered Species Act (ESA), 16 U.S.C. 1531 et seq., and its implementing regulations (Appendix A). The collected soils were delivered to HBC for subsequent processing and analysis as described below.

SOIL PROCESSING AND ANALYSIS

Soil samples obtained from the City of San Diego were processed and analyzed by Dr. Brent Helm of HBC as authorized by the USFWS under recovery permit number TE-795930-12 of Section 10(a)(1)(A) of the federal ESA, 16 U.S.C. 1531 et seq., and its implementing regulations. In HBC's laboratory, a brine solution was prepared by mixing table salt (NaCl) with lukewarm tap water in a large container. The collected soil material was placed in the brine solution. The soil material was then gently worked by hand to breakdown any persistent soil structure. The organic material rising to the top of the brine solution was skimmed off and placed in a 600-micron diameter pore-size sieve stacked atop a 75-micron diameter pore-size sieve. The soil material was processed through the top sieve by flushing it with lukewarm tap water while gently rubbing it with a soft-bristle brush. The soil retained from the 75-micron diameter pore size sieve was then removed and thinly (\approx 1.0 mm) spread into plastic petri dishes.

The contents of each petri dish were examined under a 10 to 252-power zoom binocular microscope. A minimum of 0.5-hour was spent searching the contents of each petri dish for large branchiopod cysts (embryonic eggs). Dr. Helm's large branchiopod cyst reference collection and scanning electron micrographs of cysts (Belk 1989, Brendock *et al.* 2008, Gilchrist 1978, Hill and Shepard 1998, Mura 1991, Thiery *et al.* 1995, and Rabet 2010) were used to identify and compare any cysts observed within the soil samples. This processing method (described above) favors the detection of cysts belonging to the genera *Branchinecta, Lepidurus*, and *Streptocephalus* since these three genera have species that are federally listed. The presence of other aquatic macroinvertebrates encountered was also noted on the laboratory data sheet.

Because there are several species within the genus *Branchinecta* that could occur or are known to occur within the vicinity of the Project, cysts belonging to the genus *Branchinecta* observed within the soils, were cultured to determine species as described below.



CYST CULTURING

Petri dishes containing soils with *Branchinecta* cysts were placed into individual six-quart plastic containers. The soils were saturated with 50° F well water (non-chlorinated) and allowed to dry. This saturation and drying process was repeated three times. The soils were then inundated completely with 50° F well water. The containers holding the inundated soils were inserted into an environmental chamber. The environmental chamber controls were set to mimic the winter light, humidity, and temperature fluctuations of the Project's vicinity. The contents of the containers were monitored daily for fairy shrimp hatchlings (instars).

If no hatchlings were observed after ten (10) days, the containers were removed from the environmental chamber and the soils were allowed to completely dry before reinitiating the hatching process described above. A total of three hatching attempts were performed on each soil sample.

Fairy shrimp hatchlings were feed ground fish food and reared in the environmental chamber until they were mature enough to be identified using dichotomous keys and diagrams from "Fairy Shrimps of California's Puddles, Pools, and Playas" (Eriksen and Belk 1999) and two more recent publications concerning the identification of San Diego fairy shrimp (*Branchinecta sandiegonensis*) (Simovich *et al.* 2013, Patel *et al.* 2018); along with comparisons to Dr. Helm's large branchiopod reference collection. Representative mature listed large branchiopods specimens were obtained from each container and preserved in 95% ethanol as species vouchers.



RESULTS

SOIL COLLECTION

Soil samples were collected from a total of 31 pools by the City of San Diego (Exhibit A).

SOIL PROCESSING AND ANALYSIS

Visual examinations of the processed soils revealed the presence of cysts belonging to the genus *Branchinecta* in 19 of the 31 pools where soils were collected (Table 1). Cysts belonging to the genus *Streptocephalus* were observed in two of the processed soils (Pool 42 and Pool 46). Representative photographs of the pools sampled using dry-season techniques are provided in Appendix B.

CYST CULTURING

The federally-listed San Diego fairy shrimp (*Branchinecta sandiegonensis*) was hatched from nine of the 17 pool soils. No cyst culturing was performed from soils collected in pools 88 and 102 since their cysts were broken. After three hatching attempts a total of 101 fairy shrimps were hatched and 49 were raised to maturity and identified as the San Diego fairy shrimp (Tables 2a - 2c). Although three instars hatched from the *Streptocephalus* cysts from Pool 42, they died before reaching maturity, so positive identification of species was not possible. No cyst culturing was performed on soils from Pool 46, since the *Streptocephalus* cysts were broken.



Table 1. Results of Sc				Large Bra	nchiopod Cysts		
	Insect Exo-	Micro- Turbellaria	Cladocera	Branchinecta			
Basin No.	Skeletons	Cysts	Ephippia	sp.	Streptocephalus Wootini	Nematoda	Collembola
40-O.V.H. Prky	Х			Low			Х
42-0.V.H. Prky	Х			Low+Pieces	Medium+Instars		Х
45-0.V.H. Prky	Х						Х
46-O.V.H. Prky	Х				Low-Broken	Х	Х
47-0.V.H .Prky	Х						Х
48-O.V.H. Prky	Х			Low			Х
49-Topsail	Х			Low			Х
50-Topsail	Х						Х
51-Topsail	Х						Х
52-Topsail	Х						Х
53-Topsail	Х					Х	Х
55-Topsail	X X			Low		Х	Х
56-Topsail	Х						Х
57-Topsail	Х			Medium			Х
58-Topsail	Х						Х
60-Dormouse	Х		Х	High		Х	Х
69-Dormouse	Х		Х	High			Х
78-Dormouse	Х			High		Х	Х
79-Dormouse	Х			High		Х	Х
80-Dormouse	Х			High			Х
81-Dormouse	Х					Х	Х
85-Dormouse	Х			Medium			Х
86-Dormouse	Х						Х
88-Dormouse	Х			Low-Broken			Х
95-Dormouse	Х	Х					Х
99-Dormouse	Х	Х	Х	High			Х
102-Dormouse	Х			Low-Broken			Х
104-Dormouse	Х			High		Х	Х
105-Dormouse	Х			Low+Pieces		Х	Х
137-Dormouse	Х			Medium			Х
138-Dormouse	Х		Х	High			Х

X=Present

*Abundance categories are derived from USFWS's Survey Guidelines for the Listed Large Branchiopods - Section VI(d) (none = no cysts found in sample; low abundance = estimate of 1-10 cysts/100 ml soil; medium abundance = estimate of 11-50 cysts/100 ml soil; high abundance = estimate of more than 50 cysts/100 ml soil)



Table 2a. Cyst Culturing Results from Soils Collected at the City of San Diego, San Diego County, California

	Hatching Round 1					
	# of	DRSA			# of Identified STWO	
Pool #	BRsp Hatched	Male	Female	STsp Hatched	Male	Female
42-0.V.H. Prky	0	0	0	3	0	0
40-O.V.H. Prky	0	0	0	0	0	0
48-0.V.H. Prky	0	0	0	0	0	0
49-Topsail	0	0	0	0	0	0
55-Topsail	0	0	0	0	0	0
57-Topsail	0	0	0	0	0	0
60-Dormouse	0	0	0	0	0	0
69-Dormouse	3	1	2	0	0	0
78-Dormouse	3	1	1	0	0	0
79-Dormouse	3	3	0	0	0	0
80-Dormouse	5	0	3	0	0	0
85-Dormouse	0	0	0	0	0	0
99-Dormouse	0	0	0	0	0	0
104-Dormouse	3	2	0	0	0	0
105-Dormouse	0	0	0	0	0	0
137-Dormouse	0	0	0	0	0	0
138-Dormouse	0	0	0	0	0	0
Total	17	7	6	3	0	0

Note: BRsp = Branchinecta sp. Immature, BRSA = Branchinecta sandiegonensis (San Diego fairy shrimp), STsp = Streptocephalus sp. Immature, STWO = Streptocephalus woottoni (Riverside fairy shrimp)

		Hatching Round 2					
	# of	BRSA			# of Identified STWO		
Pool #	BRsp Hatched	Male	Female	STsp Hatched	Male	Female	
42-0.V.H. Prky	0	0	0	0	0	0	
40-0.V.H. Prky	1	1	0	0	0	0	
48-O.V.H. Prky	0	0	0	0	0	0	
49-Topsail	0	0	0	0	0	0	
55-Topsail	0	0	0	0	0	0	
57-Topsail	0	0	0	0	0	0	
60-Dormouse	0	0	0	0	0	0	
69-Dormouse	30	3	6	0	0	0	
78-Dormouse	10	3	5	0	0	0	
79-Dormouse	10	3	0	0	0	0	
80-Dormouse	10	6	3	0	0	0	
85-Dormouse	0	0	0	0	0	0	
99-Dormouse	5	0	0	0	0	0	
104-Dormouse	2	1	0	0	0	0	
105-Dormouse	0	0	0	0	0	0	
137-Dormouse	2	0	1	0	0	0	
138-Dormouse	5	1	1	0	0	0	
Total	75	18	16	0	0	0	

Table 2b. Cyst Culturing Results from Soils Collected at the City of San Diego, San Diego County, California



Table 2c. Cyst Culturing Results from Soils Collected at the City of San Diego, San Diego County, California

	Hatching Round 3						
	# of	# of Identified BRSA		# of	# of Identified STWO		
Pool #	BRsp Hatched	Male	Female	STsp Hatched	Male	Female	
42-O.V.H. Prky	0	0	0	0	0	0	
40-O.V.H. Prky	0	0	0	0	0	0	
48-O.V.H. Prky	0	0	0	0	0	0	
49-Topsail	0	0	0	0	0	0	
55-Topsail	0	0	0	0	0	0	
57-Topsail	0	0	0	0	0	0	
60-Dormouse	0	0	0	0	0	0	
69-Dormouse	1	0	0	0	0	0	
78-Dormouse	5	1	1	0	0	0	
79-Dormouse	3	0	0	0	0	0	
80-Dormouse	0	0	0	0	0	0	
85-Dormouse	0	0	0	0	0	0	
99-Dormouse	0	0	0	0	0	0	
104-Dormouse	0	0	0	0	0	0	
105-Dormouse	0	0	0	0	0	0	
137-Dormouse	0	0	0	0	0	0	
138-Dormouse	0	0	0	0	0	0	
Total	9	1	1	0	0	0	

= Streptocephalus sp. Immature, STWO = Streptocephalus woottoni (Riverside fairy shrimp)



DISCUSSION

Due to the fact that there are no other *Streptocephalus* species known within the San Diego area, the *Streptocephalus* cysts were assumed to belong to the Riverside fairy shrimp (*S. woottoni*).



LITERATURE CITED

- Belk, D. 1989. Identification of species in the Conchostraca genus *Eulimnadia* by egg shell morphology. Journal of Crustacean Biology. 9(1): 115-125.
- Brendock, L., D. C. Rogers, J. Olesen, S. Weeks, and W. R. Hoch. 2008. Global diversity of large branchiopods (Crustacea: Branchiopoda) in freshwater. Hydrobiologia. 595: 167-176.
- Eriksen, C. H., and D. Belk. 1999. Fairy shrimps of California's puddles, pools, and playas. Mad River Press, Inc. Eureka, California. 196 pp.
- Gilchrist, B. M. 1978. Scanning electron microscope studies of the egg shell in some Anostraca (Crustacea: Branchiopoda). Cell and Tissue Research. 193: 337-351.
- Hill, R. E., and W. D. Shepard. 1998. Observation on the identification of California anostracan cysts. Hydrobiologia. 359: 113-123.
- Mura, G. 1991. SEM morphology of resting eggs in the species of the genus *Branchinecta* from North America. Journal of Crustacean Biology. 11: 432-436.
- Patel, K.V., M. A. Simovich, N. S. Graige, and A. J. Bohonak. 2018. A clash of characters: The effect of variation on a morphological hybrid index for an endangered California fairy shrimp *Branchinecta sandiegonensis* (Fugate, 1993)(Crustacea: Anostraca). Journal of Crustacean Biology. 38(3): 349-353.
- Rabet, N. 2010. Revision of the egg morphology of *Eulimnadia* (Crustacea, Branchiopoda, Spinicaudata). Zoosystema. 32 (3): 373-391.
- Simovich, M. A., K. B. Davis, and A. J. Bohonak. 2013. Landscape homogenization threatens the genetic integrity of the endangered San Diego fairy shrimp *Branchinecta sandiegonensis* (Branchiopoda: Anostraca). Journal of Crustacean Biology. 33(5): 730-740.
- Thiery, A., J. Brtek, and C. Gasc. 1995. Cysts morphology of European branchiopods (Crustacea: Anostraca, Notostraca, Spinicaudata, Laevicaudata). Bulletin du Muséum national d'histoire naturelle.17 (1-2): 107-140.
- U.S. Department of the Interior, U.S. Fish and Wildlife Service (USFWS). 2017. Survey guidelines for the listed large branchiopods. 24 pp. Dated: 31 May 2015 (Revised November 13, 2017).



EXHIBIT A VERNAL POOL MAPS OF O.V.H. PARKWAY, TOPSAIL, AND DORMOUSE PROVIDED BY THE CITY OF SAN DIEGO

Figure 1 Del Mar Mesa - Dormouse Vernal Pool Complex

8099 8098 8107 8106 8105 8101 8100 8080 8102 8104 8076 8103 8078 8097 8067 8064 8063 8137 8093 8094 8095 8062 8060 8082 8079 8061 81088081 8083 80928084 8073 8070 8091 8085 80748075 8059 8071 8089 8086 8088 8087 8072 Dormouse Rd



reau. USDA.

Legend

Vernal Pool City of San Diego Open Space

0 0.01 0.02 0.04 Miles

Esri Community Maps Contributors, SanGIS, California Sta IomTom, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NAS/

Roan Rd



8056 ₈₀₅₇ 8055 8054 ₈₀₅₈ 8053

> 8051 8050 8052

> > 8049

Black Coral Way

Dennery Rd

-

Legend Vernal Pool

City of San Diego Open Space

0 0.01 0.02 0.04 Miles

Esri Community Maps Contributors, City of Chula Vista, SanGIS, California State Parks, ⊙ OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmín, Foursquare, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Maxar

Dennery Rd

Topsail Dr

pside Ln

Denn

Survey Location

Tijuana

EPA, NPS, USFWS, Esri, CGIAR, USGS

City of Chula Vista, SanGS, California State Parks, CONANP, Esri, TomTom, Garmin, Foursquare, SafeGraph,

FAO, METI/NASA, USGS, Bureau of Land Management,

o Chula Vista

San Diego

Figure 3 Ocean View Hills - Ocean View Hills Pkwy Vernal Pool Complex

Otay Mesa OS

8045

8048 8047

8046

Ocean View Hills Plans

Daysailor Ct

Otay Mesa Open Space

IS PLANY

The Plany

Ν

8044 8043 80<mark>4</mark>2

> 8041 8040



Esri Community Maps Contributors, City of Chula Vista, SanGIS, California State Parks, © OpenStreetMap, Microsoft, CONANP, Esri, TomTom, Garmin, Foursquare, SafeGraph, GeoTechnologies, Inc. METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, USFWS, Maxar

Legend Vernal Pool City of San Diego Open Space

0 0.01 0.02 0.04 Miles



APPENDIX A. USFWS AUTHORIZATION LETTER

Subject: Re: [EXTERNAL] RE: 15-Day Notification to Conduct Dry Season Surveys for Listed Vernal Pool Branchiopods



Zoutendyk, David <David_Zoutendyk@fws.gov> to Allen, Jason, Eng, Anita

Thu, Oct 19, 2023, 10:06 AM

This email came from an external source. Be cautious about clicking on any links in this email or opening attachments.

Yes you are good to go. In future pls work directly with Anita Eng (cc'd) on these. thx

David

David Zoutendyk (He/His/Him)

Division Supervisor

U.S. Fish and Wildlife Service

Carlsbad Fish and Wildlife Office

2177 Salk Avenue, Suite 250

Carlsbad, CA 92008

(760) 431-9440 x222

david_zoutendyk@fws.gov

I am currently working from home and infrequently checking my office voicemail. Please email me if you'd like to schedule a phone call or meeting.

From: Allen, Jason <<u>JWAllen@sandiego.gov</u>>

Sent: Thursday, October 19, 2023 8:10 AM

To: Gower, Patrick patrick_gower@fws.gov; Zoutendyk, David

<<u>David_Zoutendyk@fws.gov</u>>

Cc: Berninger, Mark <<u>MBerninger@sandiego.gov</u>>



APPENDIX B. Representative Photographs



Photograph of Pool 47-O.V.H. Pkwy facing north taken by Jason Allen.



Photograph of Pool 58-Topsail facing north taken by Jason Allen.



Photograph of Pool 138-Dormouse facing north taken by Jason Allen.

Appendix C-4

2024 Fairy Shrimp Monitoring Results

2024 Fairy Shrimp Presence Surveys in Vernal Pools within the City of San Diego, California

Prepared for: City of San Diego

Prepared by:

Parks and Recreation Department Open Space Division 9485 Aero Drive San Diego, Ca 92123 619-685-1328

Prepared By:

Jason W. Allen

Jason W. Allen, Vernal Pool Biologist Project Manager and Report Author

Table of Contents

Executive Summary	
1.0 Introduction	
1.1 Site Area/Background	
1.2 Species Information	
2.0 Methods	
2.1 Presence Surveys	14
3.0 Results	14
3.1 Presence Surveys	14
4.0 Discussion	
5.0 Certification	16
6.0 References	
Appendix A	

List of Tables

Table 1. Sampling visits for the Fairy Shrimp Surveys13Table 2. Sampling Results for the Fairy Shrimp Surveys15	
List of Figures	
Figure 1-7 Vernal Pool Survey Sites5-11	
List of Appendices	
Appendix A 2024 Photo Log17	

Executive Summary

The City of San Diego conducted presence surveys at seven locations for listed vernal pool branchiopods: Branchinecta sandiegonensis (San Diego fairy shrimp) and Streptocephalus woottoni (Riverside fairy shrimp). Surveys were conducted at Calle de Vida East (formerly Mission Trails Regional Park School District), Greystone Torrey Highlands, Hidden Trails, Lake Murray, Serra Mesa Library, South Otay J13S and Wruck Canyon vernal pool complexes located in the City of San Diego, CA. Calle de Vida East (formerly Mission Trails Regional Park School District) Vernal Pool Complex (Q2) has two basins, Greystone Torrey Highlands (H39) has 21 basin, Hidden Trails (J31) has 66 basins, Lake Murray (KK1) has one basin, Serra Mesa Library (N7) has 26 basins, South Otay J13S (J13S) has eight basins and Wruck Canyon Vernal Pool Complex (J5) has six basins with previously undocumented populations of both San Diego fairy shrimp (SDFS) and/or Riverside fairy shrimp (RFS). The purpose of the presence surveys was to sample a subset of existing inundated vernal pools located within the vernal pool complexes to determine the occurrence of these species for VPHCP management and monitoring purposes. These species had not been documented in these complexes since baseline surveys were conducted in the early 2000s (City of San Diego 2002-2003). The current 2024 presence surveys were conducted by United States Fish and Wildlife Service (USFWS) Permitted Vernal Pool Biologist Jason W. Allen under the City of San Diego permit (TE-97791C-0). Surveys began after approval was granted by USFWS on February 1, 2024. This report presents the results of the 2024 presence surveys.

At the Calle de Vida East site SDFS were detected in two of the two basins surveyed, at Greystone Torrey Highlands in four of the four basins surveyed, at Hidden Trails in five of the five basins surveyed, at Lake Murray in one of the one basin surveyed, at Serra Mesa Library in two of the two basins surveyed, at South Otay J13S in two of the two basins surveyed, at Wruck Canyon in one of the one basin surveyed. RFS were observed swimming in one of one basin surveyed at Wruck Canyon.

1.0 Introduction

The City of San Diego Parks and Recreation Vernal Pool Biologist conducted analysis of fairy shrimp collected from seasonally inundated depressions (hereafter "pools") at the Vernal Pool Habitat Conservation Plan (hereafter "Project"), for the presence of large branchiopods (fairy shrimp, tadpole shrimp) that are listed as threatened or endangered under the federal Endangered Species Act (e.g., the endangered San Diego fairy shrimp [*Branchinecta sandiegonensis*], the endangered Riverside fairy shrimp [*Streptocephalus woottoni*]).

1.1 Site Area/Background

The Project occurs within seven different vernal pool complex locations (Calle de Vida East, Greystone Torrey Highlands, Hidden Trails, Lake Murray, Serra Mesa Library, South Otay J13S and Wruck Canyon) within the City of San Diego, San Diego County, California. The locations are further described below.

Calle de Vida East formerly called Mission Trails Regional Park (School District) (Q 2) is on the far Western edge of a 9,696-acre open space park owned and managed by the City of San Diego Parks and Recreation Department (Figure 1). The park is located both north and south of SR-52 and west of Santee. The vernal pools at this site are located North of the junction of Calle De Vida and Colina Dorada Drive.

Greystone Torrey Highlands (H 39) is a 3.5-acre vernal pool preserve and creation site located within a residential development of the same name (Figure 2). The site borders Camino del Sur and SR-56, and is accessed via Torrey Meadows Drive and Torrey Gardens Place.

Hidden Trails (J 31) is located east of Hidden Trails Road and north of Seaglen Way in Otay Mesa (Figure 3). The vernal pool areas, on a north and south mesa, total 5.5 acres within a 130-acre Preserve. The Hidden Trails vernal pools occur between a large residential development and conserved portions of Dennery Canyon, northwest of the Cal Terraces vernal pool preserve.

Lake Murray (KK1) is located South of Murray Park Drive and West of the Lake Murray Baseball Fields. The site is managed by the City of San Diego Parks and Recreation Department (Figure 4).

The Serra Mesa Library (N 7) site is located directly south of Montgomery Field Airport across Aero Drive West of the Serra Mesa Library and parking lot in a fence area (Figure 5). Twenty-six vernal pools occur on this 9.2-acre site.

South Otay J 13 S (City) (J 13 S) is located on the mesa between Spring Canyon and Dennery Canyon in Otay Mesa (Figure 6). The parcels within these complexes are located within the Southwest Village of the Otay Mesa community planning area. The City of San Diego

managed J 13 South is located on 1 parcel covering approximately 1 acre on the mesa between Spring Canyon and Dennery Canyon in Otay Mesa.

Wruck Canyon (J 16-18) is a 9.3-acre parcel on a mesa top West of Cactus Court located in the Wruck Canyon/Spring Canyon area of Otay Mesa along the U.S. border with Mexico (Figure 7).



Figure 1. Calle De Vida East Vernal Pool Survey Site


Figure 2. Greystone Torrey Highlands Vernal Pool Survey Site



Figure 3. Hidden Trails Vernal Pool Survey Site



Figure 4. Lake Murray Vernal Pool Survey Site



Figure 5. Serra Mesa Library Vernal Pool Survey Site



Figure 6. South Otay J13S Vernal Pool Survey Site



Figure 7. Wruck Canyon Vernal Pool Survey Site

1.2 Species Information

San Diego fairy shrimp was listed as endangered by the United States Fish and Wildlife Service on February 3, 1997 (USFWS 2012) and is a Vernal Pool Habitat Conservation Planand MSCP-covered species. A member of the family Brachinectidae and order Anostraca, immature fairy shrimp exist in the soil of vernal pools and other non-vegetated ephemeral pools (2-12 inches in depth) in a dormant state known as a cyst until the pool is inundated with seasonal precipitation. The juvenile fairy shrimp reach maturity within 7-14 days of rainfall filling the pool and measure approximately 16 millimeters in length with 11 pairs of legs. After mating the eggs are laid and remain as a cyst in the soil until the next inundation (Eriksen and Belk 1999). Development of the species is closely tied to water temperature and chemistry along with a host of other environmental cues. Seasonal rainfall between January and March typically triggers the hatching of fairy shrimp cysts (Simovich and Hathaway 1996).

Riverside fairy shrimp was listed as endangered by the United States Fish and Wildlife Service on August 3, 1993 (USFWS 2012) and is a Vernal Pool Habitat Conservation Plan– and MSCP–covered species. A member of the family Streptocephalidae and order Anostraca, immature fairy shrimp exist in the soil of vernal pools and other non–vegetated ephemeral pools (2–12 inches in depth) in a dormant state known as a cyst until the pool is inundated with seasonal precipitation. The juvenile fairy shrimp reach maturity within 48–56 days of rainfall filling the pool and measure approximately 14–23 millimeters in length. After mating the eggs are laid and remain as a cyst in the soil until the next inundation (Eriksen and Belk 1999). Development of the species is closely tied to water temperature and chemistry along with a host of other environmental cues. Seasonal rainfall between January and March typically triggers the hatching of fairy shrimp cysts (Simovich and Hathaway 1996).

2.0 Methods

Prior to initiating the surveys, pre-notification correspondence was sent to the U.S. Fish and Wildlife Service-Carlsbad Field Office requesting permission to conduct surveys for the presence of listed fairy shrimp. When USFWS permission was granted February 1, 2024, Vernal Pool Biologist Jason Allen conducted the surveys.

The 2024 fairy shrimp presence surveys were conducted at the seventeen basins at the seven listed vernal pool complexes to identify which basins currently support listed fairy shrimp species. During the presence surveys, the basins were examined for live fairy shrimp, and if observed, shrimp were collected and identified to species level. If the presence of a listed species was confirmed, no additional sampling for that species occurred for that basin. The wet season field surveys commenced in February 2024 and were considered complete in March 2024 with USFWS approval. Table 1 outlines brief descriptions of the presence survey methods.

Table 1 Sampling Visits							
Date	Location	Basin Number	Activity				
2/7/24	Lake Murray	2485	Sample inundated basin.				
2/12/24	Serra Mesa Library	726	Sample inundated basin.				
2/12/24	Serra Mesa Library	727	Sample inundated basin.				
2/15/24	Greystone Torrey Highlands	1145	Sample inundated basin.				
2/15/24	Greystone Torrey Highlands	1177	Sample inundated basin.				
2/15/24	Greystone Torrey Highlands	1182	Sample inundated basin.				
2/15/24	Greystone Torrey Highlands	2330	Sample inundated basin.				
2/20/24	Calle de Vida East	2519	Sample inundated basin.				
2/20/24	Calle de Vida East	2520	Sample inundated basin.				
2/23/24	Hidden Trails	2572	Sample inundated basin.				
2/23/24	Hidden Trails	2573	Sample inundated basin.				
2/23/24	Hidden Trails	2574	Sample inundated basin.				
2/23/24	Hidden Trails	2577	Sample inundated basin.				
2/23/24	Hidden Trails	2579	Sample inundated basin.				
2/26/24	South Otay J13S	1207	Sample inundated basin.				
2/26/24	South Otay J13S	1216	Sample inundated basin.				
3/8/24	Wruck Canyon	1070	Sample inundated basin.				

2.1 Presence Surveys

Presence sampling commenced after approval was granted by USFWS on February 1, 2024. The biologist visited pools to document when a pool was inundated. During each visit, portions of the pool bottom, edges and the vertical water column were sampled using a seine, dip net or aquarium net appropriate for the size of the pool. Mesh size was no larger than 1/8 inch. Sampling tools were examined and emptied at each basin. Voucher specimens of all listed vernal pool branchiopods captured, if present, were collected and all other specimens were returned to the pool.

Voucher specimens were collected only once for each individual basins or feature sampled during a single wet season. No more than 5 specimens or less than 50% of the estimated population present in the water column were collected from each individual basin or feature during the 2024 presence survey. Voucher specimens were identified to species level using a dissecting microscope (AmScope SM-2BT, 0.7-4.5X). Voucher specimens were stored in screw- cap glass vials containing 90% ethyl alcohol. These species will be submitted to an USFWS approved institution. If a federally listed fairy shrimp was recovered from any of the basins during the wet season sampling, the fairy shrimp survey for that basin was considered completed.

3.0 Results

Calle de Vida East Vernal Pool Complex (Q2): SDFS were detected in 2 of the 2 basins surveyed during the presence sampling. Greystone Torrey Highlands Vernal Pool Complex (H39): SDFS were detected in 4 of the 4 basins surveyed during the presence sampling. Hidden Trails Vernal Pool Complex (J31): SDFS were detected in 5 of the 5 basins surveyed during the presence sampling. Lake Murray Vernal Pool Complex (KK1): SDFS were detected in 1 of the 1 basin surveyed during the presence sampling. Serra Mesa Library Vernal Pool Complex (N7): SDFS were detected in 2 of the 2 basins surveyed during the presence sampling. South Otay J13S Vernal Pool Complex (J13S): SDFS were detected in 2 of the 2 basins surveyed during the presence sampling. Wruck Canyon Vernal Pool Complex (J5): SDFS and RFS were detected in 1 of the 1 basin surveyed during the presence sampling. Survey area photographs are provided in Appendix A. Below are the results for the 2024 presence surveys.

3.1 Presence Surveys

After surveying the twenty-seven basins at Calle de Vida East, Greystone Torrey Highlands, Hidden Trails, Lake Murray, Serra Mesa Library, South Otay J13S and Wruck Canyon, all surveyed basins held water long enough to sample. SDFS were observed swimming in two of the two basins surveyed at Calle de Vida East Vernal Pool Complex (2519, 2520), in four of the four basins at Greystone Torrey Highlands Vernal Pool Complex (1145, 1177, 1182, 2330), in five of the five basins at Hidden Trails Vernal Pool Complex (2572, 2573, 2574, 2577, 2579), in one of the one basin at Lake Murray Vernal Pool Complex (2485), in two of the two basins at Serra Mesa Library Vernal Pool Complex (726, 727), in two of the two basins at South Otay J13S Vernal Pool Complex (1207, 1216), in one of the one basin at Wruck Canyon (1070). RFS were

observed swimming in one of one basin at Wruck Canyon (1070). A summary of basin sampling is provided in Table 2.

Table 2 Resul	ts of Specimen Identificat	ion		
	-		Large Branchiopods	
Date	Location	Basin	Branchinecta	Streptocephalus
Collected		Number	sandiegonensis	woottoni
2/7/24	Lake Murray	2485	X	
2/12/24	Serra Mesa Library	726	X	
2/12/24	Serra Mesa Library	727	X	
2/15/24	Greystone Torrey Highlands	1145	Х	
2/15/24	Greystone Torrey Highlands	1177	Х	
2/15/24	Greystone Torrey Highlands	1182	Х	
2/15/24	Greystone Torrey Highlands	2330	Х	
2/20/24	Calle de Vida East	2519	X	
2/20/24	Calle de Vida East	2520	X	
2/23/24	Hidden Trails	2572	X	
2/23/24	Hidden Trails	2573	X	
2/23/24	Hidden Trails	2574	X	
2/23/24	Hidden Trails	2577	X	
2/23/24	Hidden Trails	2579	X	
2/26/24	South Otay J13S	1207	X	
2/26/24	South Otay J13S	1216	X	
3/8/24	Wruck Canyon	1070	X	X

4.0 Discussion

SDFS were observed swimming in two of the two basins surveyed at Calle de Vida East Vernal Pool Complex, in four of the four basins at Greystone Torrey Highlands Vernal Pool Complex in five of the five basins at Hidden Trails Vernal Pool Complex, in one of the one basin at Lake Murray Vernal Pool Complex, in two of the two basins at Serra Mesa Library Vernal Pool Complex, in two of the two basins at South Otay J13S Vernal Pool Complex, in one of the one basin at Wruck Canyon. RFS were observed swimming in one of one basin at Wruck Canyon.

The purpose of the survey was to survey existing vernal pools and road ruts located within the vernal pool complexes to determine the occurrence of these species. The survey results confirm SDFS and RFS populations exist in these vernal pools. New populations of SDFS and RFS have been discovered in the vernal pool basins since the last surveys were done in the early 2000s. These survey results confirm that Adaptive Management is working and these VPHCP vernal pool preserves are thriving healthy ecosystems.

5.0 Certification

"I certify that the information in this survey report and attached exhibits fully and accurately represents my work."

City of San Diego Signature _____ (TE-97791C-0)

Jason W. Allen Date 12-1-2024

Jason W. Allen, Vernal Pool Biologist Project Manager and Report Author City of San Diego

1997. City of San Diego MSCP Subarea Plan.

2017. City of San Diego Vernal Pool Habitat Conservation Plan.

- Eriksen, C. and Belk, D. 1999. Fairy Shrimps of California's Puddles, Pools and Playas. Mad River Press, Eureka, California.
- Holland, R.F. 1986. Preliminary descriptions of the terrestrial natural communities of California. State of California, The Resources Agency.
- Oberbauer, Thomas, Meghan Kelly, and Jeremy Buegge. March 2008. Draft Vegetation Communities of San Diego County. Based on "Preliminary Descriptions of the Terrestrial Natural Communities of California", Robert F. Holland, Ph.D., October 1986.
- Simovich, M.A. and Hathaway, S.A. 1996. Diversified Bet-Hedging as a Reproductive Strategy of Some Ephemeral Pool Anostracans. Journal of Crustaceans Biology 17: 38-44.
- U.S. Army Corps of Engineers (USACE). 1997. Indicator Species for Vernal Pools. November.
- U.S. Fish and Wildlife Service

2012. Endangered and Threatened Wildlife and Plants; 5-Year Reviews of Species in California and Nevada. Federal Register. Vol. 77, No. 82. Available at <u>https://www.gpo.gov/fdsys/pkg/FR-2012-04-27/pdf/2012-10212.pdf</u>

2015. Survey Guidelines for the Listed Large Branchiopods. Sacramento, CA.

Appendix A

2024 Photo Log



Photograph of Pool 726 Serra Mesa Library facing South taken by Jason Allen 2/12/24.



Photograph of Pool 727 Serra Mesa Library taken by Jason Allen 2/12/24.



Photograph of Pool 727 Serra Mesa Library facing North taken by Jason Allen 2/12/24.



Photograph of Pool 2330 Greystone Torrey Highlands 2/15/24



Photograph of Pool 1177 Greystone Torrey Highlands 2/15/24



Photograph of Pool 1145 Greystone Torrey Highlands 2/15/24



Photograph of Pool 2520 Calle de Vida East 2/20/24



Photograph of Calle de Vida East 2/20/24



Photograph of Pool 2519 Calle de Vida East 2/20/24



Photograph of Pool 2579 Hidden Trails 2/23/24



Photograph of Pool 2577 Hidden Trails 2/23/24



Photograph of Hidden Trails 2/23/24



Photograph of Pool 1216 South Otay J13S 2/26/24



Photograph of Pool 1207 South Otay J13S 2/26/24



Photograph of Pool 1070 Wruck Canyon 3/8/24



Photograph of Pool 1070 Wruck Canyon 3/8/24

Appendix D-1

2024 Vernal Pool Management Photolog



Photo 1. Dry vernal pool.



Photo 2. Contracted crew performing plant installation.



Photo 3. City staff performing site check after property transfer.



Photo 4. Educational tour of vernal pools.



Photo 5. Vernal pool with focal species.

Photographic Documentation Photos 4 & 5



Photo 6. Vernal pool with focal species.



Photo 7. Contracted crew performing weed control.

Photographic Documentation Photos 6 & 7



Photo 8. Vernal pool filled with water.



Photo 9. Vernal pool filled with water.



Photo 10. Vernal pool with focal species.


Photo 11. Vernal pool filled with water.



Photo 12. Contracted crew performing weed control.



Photo 13. Vernal pool filled with water.

Photographic Documentation Photos 12 & 13



Photo 14. Vernal pool filled with water.



Photo 15. City staff performing habitat restoration maintenance.



Photo 16. Vernal pool with focal species.



Photo 17. City staff performing dry season sampling.



Photo 18. Vernal pool filled with water.

Photographic Documentation Photos 17 & 18



Photo 19. Vernal pool filled with water.



Photo 20. Vernal pool before maintenance.



Photo 21. Vernal pool after maintenance.



Photo 22. Vernal pool filled with water.



Photo 23. Vernal pool with focal species.



Photo 24. Vernal pool filled with water.



Photo 25. Vernal pool filled with water.



Photo 26. Fairy shrimp in vernal pool.



Photo 27. Vernal pool filled with water.



Photo 28. City staff performing plant installation.



Photo 29. Vernal pool filled with water.



Photo 30. Vernal pool before maintenance.



Photo 31. Vernal pool after maintenance.



Photo 32. Volunteers performing habitat restoration plant installation.



Photo 33. Vernal pool filled with water.

Photographic Documentation Photos 32 & 33



Photo 34. Vernal pool filled with water.



Photo 35. Western Toad in vernal pool.

Photographic Documentation Photos 34 & 35



Photo 36. City staff performing plant installation.



Photo 37. Vernal pool filled with water.



Photo 38. Vernal pool with vegetation.



Photo 39. Vernal pool filled with water.



Photo 40. Vernal pool filled with water.



Photo 41. Vernal pool filled with water.



Photo 42. Vernal pool filled with water.



Photo 43. Vernal pool filled with water.



Photo 44. Vernal pool before maintenance.



Photo 45. Vernal pool after maintenance.



Photo 46. Contracted crew performing seed collection.



Photo 47. Vernal pool with focal species.



Photo 48. Vernal pool filled with water.



Photo 49. Vernal pool visit with wildlife agencies.

Photographic Documentation Photos 48 & 49



Photo 50. Dry vernal pool.



Photo 51. Contracted crew performing plant installation.



Photo 52. Fairy shrimp in vernal pool.



Photo 53. California orcutt's grass.



Photo 54. City staff performing habitat restoration maintenance.



Photo 55. Contracted crew performing fence installation.



Photo 56. Vernal pool filled with water.



Photo 57. Dry vernal pool.



Photo 58. Vernal pool with focal species.



Photo 59. Vernal pool filled with water.



Photo 60. Contracted crew performing weed control.

Photographic Documentation Photos 59 & 60



Photo 61. Contracted crew performing habitat restoration plant installation.



Photo 62. Vernal pool behind fence.



Photo 63. Contracted crew performing weed control.



Photo 64. Vernal pool filled with water.

Appendix D-2

2024 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



Photo 9. Pool 445



Photo 10. Pool 447



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



Photo 21. Pool 490



Photo 22. Pool 502



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



Photo 30. Pool 2022



Photo 31. Pool 2025



Photo 32. Pool 2039



Photo 33. Pool 2043

Photographic Documentation Photos 32 & 33



Photo 34. Pool 2044



Photo 35. Pool 2185



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



Photo 41. Pool 1740



Photo 42. Pool 1743

Photographic Documentation Photos 41 & 42



Photo 43. Pool 1746



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 2441



Photo 50. Pool 2468

Photographic Documentation Photos 49 & 50



Photo 51. Pool 1141



Photo 52. Pool 1142

Photographic Documentation Photos 51 & 52



Photo 53. Pool 1189



Photo 54. Pool 1775

Photographic Documentation Photos 53 & 54



Photo 55. Pool 1920



Photo 56. Pool 2642

Photographic Documentation Photos 55 & 56



Photo 57. Pool 1177



Photo 58. Pool 1180

Photographic Documentation Photos 57 & 58



Photo 59. Pool 1188



Photo 60. Pool 771



Photo 61. Pool 778

Photographic Documentation Photos 60 & 61



Photo 62. Pool 790



Photo 63. Pool 706



Photo 64. Pool 712

Photographic Documentation Photos 63 & 64



Photo 65. Pool 4256



Photo 66. Pool 4596


Photo 67. Pool 5352



Photo 68. Pool 5355



Photo 69. Pool 5356



Photo 70. Pool 5358



Photo 71. Pool 5363



Photo 72. Pool 5369



Photo 73. Pool 5371



Photo 74. Pool 5388



Photo 75. Pool 5423



Photo 76. Pool 6351



Photo 77. Pool 6384



Photo 78. Pool 666



Photo 79. Pool 1801



Photo 80. Pool 208



Photo 81. Pool 656



Photo 82. Pool 891



Photo 83. Pool 892



Photo 84. Pool 1580



Photo 85. Pool 1598

Photographic Documentation Photos 84 & 85

2024 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report



Photo 86. Pool 1668



Photo 87. Pool 1684

Photographic Documentation Photos 86 & 87

2024 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report



Photo 88. Pool 1710

Photographic Documentation Photo 88



Photo 89. Pool 1235



Photo 90. Pool 2339

Photographic Documentation Photos 89 & 90

2024 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report



Photo 91. Pool 1545

Appendix E

Private Property Compliance Tracking

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements ¹	2024 Status
Handler	V.9 Vernal Pool	 Weed control (see success standards Fence and sign repair Trash and debris removal Remedial measures (invasive plant control, erosion control, additional fencing and vehicle barriers, seeding) 2 general maintenance visits per year Monthly weed control visits from January through May each year 	March, May) • Photographs at established photo points taken at each visit • Species cover and richness taken in pool and upland areas •Detailed status notes on maintenance needs	 multiflorum) ≤1% cover Total nonnative weed cover within pools ≤5% Total nonnative weed cover in upland area ≤5% Total nonnative grass cover in upland area ≤25% 	 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. Copies of the letter will be submitted to the MSCP, EAS, MMC, and other City staff, as appropriate. <i>MMRP</i> 	Grading permits were issued during 2019–2020. No reports were submitted in 2020. A status report on vernal pool restoration and mitigation was submitted on January 15, 2022.
Mesa Norte	Mesa Norte Vernal Pool Mitigation Plan (1998)	 Fence and sign repair will be conducted in perpetuity Trash and debris removal Remedial measures (invasive eradication, erosion control, additional fencing and vehicle barriers, fire suppression/damage repair, trampling repair) 2 weed control visits during spring (general and vernal pool basin) 		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 obligations remain. City staff conducted a site visit on April 28, 2023, to follow up on management activities. The City's Development Services Department (DSD) Mitigation Monitoring and Coordination (MMC) team addressed management enforcement during 2022–2023.
Rhodes Crossing	Rhodes Crossing Habitat Management Plan (2010)	 2 weed control visits during (once in January/February and again in April/May) Fence and sign repair, as-needed and informed by general quarterly surveys 	vernal pools within the preserve areas will be visited twice during the rainy	removed within 2 weeks of discovery • 'Moderate Tolerance Species' to be removed when cover increases 15% over baseline	 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. 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 man-made causes, management issues/tasks addressed during the last year, and tasks identified for the next year. 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. 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> 	Alden submitted the year 7 vernal pool restoration/mitigation report received in January 2024. No additional measures beyond regular maintenance and weed control were taken during year 7. No report submitted to City or WAs in FY24. According to property owner Mr. Keith Rhodes, a new Habitat Manager is pending USACE CE.

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements ¹	2024 Status
Salk Institute		 2 weed control visits annually in the spring Trash removal visits every other month Ongoing maintenance of barrier along Torrey Pines Scenic Drive 	pools (2008) • 2 monitoring visits per year during the rainy season (Feb- April); create species list with cover estimates	Institute Master Plan Habitat Management Plan • 'Zero Tolerance Species' to be removed within 2 weeks of discovery	 Reports due every other year by the 15th of January following the end of the preceding calendar year Copies provided to Salk Institute, USFWS, CDFW, and the City. The report will document: existing conditions in the preserve, wildlife use of the preserve, significant changes within the preserve, and recommended remedial measures. 	Grading, vernal pool mitigation, and protection measures have been completed. The project has been closed out. The City has not received any reports regarding long-term management activities. Ongoing (in perpetuity) reporting was not included as part of the project entitlements.
Shaw Lorenz	Snaw-Lorenz Project (2007)	generally in Spring	and vegetative cover) for CSS restoration; stratified random sampling with maps provided	areas will include: the appropriate species richness and cover criteria for all five years of monitoring; 0% weed cover for Cal IPC High or Moderate and <5% relative cover of all other exotic	 Annual reports will be submitted to the Service by Sept. 1 of each year of the 5-year monitoring program. Reports will assess both the attainment of yearly success criteria and progress toward the final success criteria. The reports will summarize the project's compliance with all Service biological opinion conservation measures and terms and conditions. BO 	Grading complete: project closed out. RECON is working with USFWS regarding fairy shrimp presence.

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements ¹	2024 Status
Merge 56	Merge 56 Development Project Vernal Pool Mitigation Plan (2016)	 5 year maintenance program; monthly site visits Trash Removal during maintenance events Weed control within and adjacent to the vernal pools will be performed with hands; no herbicide use within 5 feet of vernal pools Weeding in uplands of vernal pools will be removed by hand or with small machinery, focused herbicide application may be used Container stock, native grass plugs, and transplanted sensitive plants will be hand watered at least twice a month, as needed, during the first 2 years of maintenance 	 Vernal pools - monthly inspections during Year 1, every other month during Year 2, and every 3 months during the remainder of the monitoring period Fairy Shrimp - Wet season monitoring conducted every other week during the rainy season; Dry Season sampling of Fairy Shrimp egg presence and density will be measured Annual Monitoring visits of 	 5 year success criteria for upland and vernal pool restoration areas will include the appropriate species richness and cover criteria of all five years of monitoring (Table 14); for re- established vernal pool <1% for Cal-IPC High or Moderate and <5% relative cover of all other exotic weed species; for enhanced Vernal pool/Upland 0% weed cover for Cal-IPC High or Moderate, and <5% relative cover of all other weed species Hatched Fairy Shrimp and gravid density of restored pools must not differ significantly from the control pools for 3 wet seasons 	 Annual reports will be submitted by August 31 of each year These will include data collected throughout the year, data from the annual monitoring visit, comparisons of the monitoring data for the years that data are collected, and any recommendations for future work 	Year 4 Report was received and summarized as follows: • 22 of the 32 vernal pools authorized by the U.S. Fish and Wildlife Service
Nobel Drive	Nobel Research Park - Vernal Pool Maintenance Program (2002)	In general passive maintenance will be used onsite to help preserve the natural pools. • trash removal • fence installation • signage mounted to the fence stating the area is a vernal pool preserve • Weeding and removal of non- native species, especially landscape plants found on adjacent slopes or developed areas				Recon provided a Maintenance and Monitoring Report for the 2023/2024 year summarizing the following: - as-needed weed control performed - fairy shrimp observed in six of the vernal pool basins (not required by maintenance program)

¹Reporting 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 reporting Program

Appendix F

Take Summary Reports

Mitigation As-Built Memorandum for the Vernal Pool Mitigation Site for the La Media Road Improvement Project



May 7, 2024 Revised December 9 2024

Prepared for:



The City of San Diego 202 C Street San Diego, CA 92101

Prepared by:



Tierra Data Inc. 10110 W. Lilac Road Escondido, California 92026 This Page Intentionally Blank

Contents

1.0	Project Background
1.1	Project Location
1.2	Project Description
2.0	Project Construction Activities
2.1	Vernal Pool Mitigation Area
2.2	Planting
2.3	Vernal Pools
3.0	As-built Conditions
3.1	A) Date(s) all mitigation was installed and monitoring was initiated7
3.2 appr	B) Schedule for future mitigation monitoring and reporting pursuant to final, Corps roved mitigation plan
	C) Color photographs (including map of photopoints) taken at each mitigation site ore and after installation such that correct installation per final, Corps-approved mitigation a can be verified
	D) One copy of "as built" drawings for the entire project, including all mitigation sites. etronic submittal (Adobe PDF format) is preferred. All sheets must be signed, dated, and cale. If submitting paper copies, sheets must be no larger than 11 x 17 inches
3.5 any	E) Summary of compliance status with each special condition of this permit (including noncompliance that previously occurred or in ongoing)

1.0 Project Background

1.1 Project Location

The Vernal Pool Mitigation (VPM) for the La Media Road Improvement Project (Project) is to satisfy the mitigation requirements for the Project located along La Media Road between SR-905 and Siempre Viva Road, along a portion of Airway Road east and west of La Media Road, and a portion of Siempre Viva Road east of La Media Road in San Diego, California. This memorandum describes the installation, monitoring and compliance status of compensatory mitigation activities

The Project is located in the community of Otay Mesa in the City of San Diego (City) along La Media Road between SR-905 and Siempre Viva Road. The VPM site (mitigation site) is also located in the City's Otay Mesa community, south of the southern terminus of Caliente Avenue, adjacent to a city-owned unpaved road, south of Dillon Canyon, and approximately three miles west of the Project (Map 1).

1.2 Project Description

The goal of the VPM is restoration of vernal pools as mitigation for 0.150 acre of impacts caused by the Project (three vernal pool basins). These impacts are being mitigated through the establishment of 0.510 acre (22,229 square feet) of vernal pool surface area, re-establishment of 0.440 (19,171 square feet) of vernal pool surface area, enhancement of 0.431 acre (18,749 square feet) of existing vernal pools, and restoration of 6.249 acres of adjacent upland watershed at the vernal pool mitigation site (Map 2).

2.0 Project Construction Activities

2.1 Vernal Pool Mitigation Area

Site preparation (removal of debris, silt fence installation, storage container installation, etc.) began at the VPM site on 10 July 2023, after it was dry enough to begin work. Barbless wire fencing installation began on 12 August. The following week, vegetation clearing and grubbing, vernal pool demarcation, and chain link fence installation began. Following this, grading and shaping of vernal pools began on 28 August and concluded on 8 September, though some modification of vernal pools continued into the following week. Fence installation was finalized in the week of 18 September. The fence installation deviated from the plan in three ways (Figure 3). First, the entire fence appears slightly offset from the plan location in the As-built drawing (Figure 3) but the placement of the fence followed the surveyor staked limits of the site and parcels as delineated in the field. Second, the fence follows the top of the canyon instead of plunging down its steep slope at the northeast corner of the site as going down such a steep slope would not be safe or serve any meaningful purpose. Third, a small area of three stranded wire fence was installed instead of chain link fence at the northwest corner of the northern section of the site to pass over an existing vernal pool that the fence line crossed without impacting it. Herbicide spraying began on the week of 16 October and continued through the end of the year.

Signage was installed beginning in the week of 23 October. A platform for a water tank was built and the irrigation system was installed over the course of three weeks beginning on 6 November, after which plants began being delivered to the site, staged, and planted. The planting stage continued until the end of site construction and beginning of the Plant Establishment Period on March 28, 2024.

The Best Management Practices installed at the site include the silt fence erected around the site.

2.2 Planting

Tierra Data, Inc. (TDI) Restoration has completed planting at the VPM site to the standards of the Project Restoration Plan. Approximately 2050 container stock plants per acre have been planted at the site and the seed spread on the site is coming up well. Twenty-six species have been planted including five species of cactus, a variety of native grasses, and a mix of maritime succulent scrub shrubs. Three bulb species have been planted, and the vernal pools have been planted with vernal pool specialist species. Many more species are emerging from hand seeding of native plants on the site.

2.3 Vernal Pools

Assessment of the initial acreage of vernal pools on the site has been completed. TDI monitored hydrology but regular rain prevented vernal pool drying and we were not able to determine how long the pools can hold water this year, however, all but one pool appeared to hold water very well. Establishment Pool seven, placed on the very shallow clay soil near the canyon at the northeast corner of the site, repeatedly failed to hold water for more than a few days. We considered repairing this pool, but vernal pool plants are now growing in the basin of the pool and our initial assessment indicated there was more than enough acreage of Establishment Pool to meet the mitigation requirements. See Figure 3 for the current locations and surface areas of vernal pools at the site. In addition to Establishment Pool seven not holding water, Re-establishment Pool six (not part of the required mitigation for the Project) was not built, and Establishment Pool six was moved from the planned location at the edge of the canyon to a location 320 feet to the west (See Figure 3). While the shallow clay layer and slope of the area near the canyon caused many planned pools to be shifted slightly, and apart from the aforementioned changes to pools, the remainder of the pools are situated very close to their planned locations (Figure 3).

The pools reached their maximum extent, and were nearly flooded, by the end of the second week of February by which time 4.16 of the 4.74 inches of rain that month had occurred. A further 0.58 inches fell on February 21/22. Despite one pool not filling (Establishment Pool 7), the pools held much more water than anticipated, resulting in approximately 0.65 acre of Establishment Pool surface area (0.51 acre was needed) measured between February 26th and March 1st (Map 1). Newly established pools hold water differently than older pools containing vegetation, so we will monitor them as the project proceeds and adaptively respond to any shortfalls in acreage. However, we appear to be meeting success criteria for vernal pool area at time of creation of this As-built.



Figure 1. Vicinity of the Vernal pool Mitigation site

3.0 As-built Conditions

3.1 Army Corps of Engineers Permit No. SPL-2021-00315-MER

3.1.1 A) Date(s) all mitigation was installed and monitoring was initiated

Construction of the Vernal Pool Mitigation Area was completed, and the Plant Establishment Period began on March 28, 2024.

3.1.2 B) Schedule for future mitigation monitoring and reporting pursuant to final, Corps approved mitigation plan

The schedule for future monitoring and reporting is given in the final, Corps- and USFWS-approved mitigation plan for the project (attached).

3.1.3 C) Color photographs (including map of photopoints) taken at each mitigation site before and after installation such that correct installation per final, Corps-approved mitigation plan can be verified.

The map of photo points is presented in Figure 2 below. Following this map, the color photographs corresponding with each photo point are provided.



Figure 2. Vernal pool Mitigation site boundary and photo points

Photo point 1



Photo point 1. (*Top Row*) East facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) South facing view before (2/17/23) and after (4/1/24)



Photo point 2. East facing view before (9/28/23) and after (4/1/24)



Photo point 3. (*Top Row*) East facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) North facing view before (2/17/23) and after (4/1/24)



Photo point 4. (*Top Row*) East facing view before (2/17/23) and after (4/1/24) (*Middle Row*) North facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) South facing view before (2/17/23) and after (4/1/24)



Photo point 5. North facing view before (2/17/23) and after (4/1/24)



Photo point 6. (*Top Row*) North facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) West facing view before (2/17/23) and after (4/1/24)



Photo point 7. West facing view before (9/28/23) and after (4/1/24)



Photo point 8. (*Top Row*) North facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) West facing view before (2/17/23) and after (4/1/24)



Photo point 9. North facing view before (2/17/23) and after (4/1/24)



Photo point 10. (*Top Row*) North facing view of the canyon before (2/17/23) and after (4/1/24) (*Bottom Row*) South facing view before (2/17/23) and after (4/1/24)



Photo point 11. South facing view before (9/28/23) and after (4/1/24)



Photo point 12. (*Top Row*) East facing view before (8/23/23) and after (3/5/24) (*Bottom Row*) West facing view before (8/23/23) and after (3/5/24)



Photo point 13. South facing view before (9/28/23) and after (4/1/24)



Photo point 14. (*Top Row*) East facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) South facing view before (2/17/23) and after (4/1/24)


Photo point 15. (*Top Row*) East facing view before (9/28/23) and after (4/1/24) (*Middle Row*) North facing view before (9/28/23) and after (4/1/24) (*Bottom Row*) South facing view before (9/28/23) and after (4/1/24)



Photo point 16. (*Top Row*) East facing view before (2/17/23) and after (4/1/24) (*Middle Row*) North facing view before (2/17/23) and after (4/1/24) (*Bottom Row*) South facing view before (2/17/23) and after (4/1/24)

Photo point 17



Photo point 17. (*Top Row*) East facing view before (3/3/23) and after (4/1/24) (*Middle Row*) North facing view before (3/3/23) and after (4/1/24) (*Bottom Row*) West facing view before (3/3/23) and after (4/1/24) 3.1.4 D) One copy of "as built" drawings for the entire project, including all mitigation sites. Electronic submittal (Adobe PDF format) is preferred. All sheets must be signed, dated, and to-scale. If submitting paper copies, sheets must be no larger than 11 x 17 inches

The as-built map is shown as Figure 3 below. The final signed and dated as-built is being sent as an attachment to this memo.



Figure 3. Vernal Pool Mitigation Area As-built graphic.

3.1.5 E) Summary of compliance status with each special condition of this permit (including any noncompliance that previously occurred or in ongoing).

As-built compliance with special conditions of the USACE permit, answers to the special conditions are in blue italics

1. The Permittee shall comply with the terms and conditions of the Clean Water Act Section 401 Water Quality Certification (WQC) R9-2021-0184 dated November 17, 2021.

The project has complied with the terms and conditions of the CWA 401 Certification as provided in the two annual report submittals to the San Diego RWQCB date. Compliance is ongoing.

2. Pursuant to 36 C.F.R. section 800.13, in the event of any discoveries during construction within waters within the Corps Permit Area of either human remains, archaeological deposits, or any other type of historic property, the Permittee shall notify the Corps Regulatory Project Manager (Max Roseman at 760-602-4832) and the Corps' Regulatory Archaeology Staff (Danielle Storey 213-452-3855 or Meg McDonald 213-452-3849) within 24 hours. The Permittee shall immediately suspend all work in any area(s) where potential cultural resources are discovered. The Permittee shall not resume construction in the area surrounding the potential cultural resources until the Corps Regulatory Division re-authorizes project construction, per 36 C.F.R. Section 800.13.

The site was surveyed prior to grading for cultural resources and human remains and nothing significant was found. No additional material was detected during grading. The project has complied with this special condition.

3. The Permittee shall mitigate for permanent impacts to 1.24-acre of non-wetland and 0.14-acre of wetland waters of the U. S., on-site through 1.53-acres of riparian nonwetland establishment, 1.38 acres of wetland establishment, and 0.67-acre of wetland enhancement as described in the final approved mitigation plan "*Wetland Mitigation Plan for the La Media Road Improvement Project San Diego, California*" dated June 14, 2022, and prepared by RECON Environmental Inc. The Permittee shall complete site preparation and planting, and initiate monitoring as described in the final, approved mitigation plan, no later than 30 days of the completion of construction impacts to waters of the U.S.

This as-built report is being provided for the Vernal Pool Mitigation Site and so this special condition does not apply.

4. The Permittee shall mitigate for permanent impacts to 0.15-acre of vernal pools, through the establishment of 0.51-acre and re-establishment of 0.07-acre of vernal pool wetland waters of the U.S. as described in the final, approved mitigation plan, "*Vernal Pool Mitigation Plan for the La Media Road Improvement Project San Diego, California*" dated August `8, 2022 and revised January 4, 2023, and prepared by RECON Environmental Inc. The Permittee shall complete site preparation and planting, and

initiate monitoring as described in the final, approved mitigation plan, no later than nine months of the completion of construction impacts to waters of the U.S.

Construction activities in waters of the U.S. are still ongoing. The Vernal Pool Mitigation has been implemented per the mitigation plan, and we estimate that 0.65 acre of vernal pools have been established and over half an acre of vernal pools have been reestablished. Planting is complete and maintenance has started with the site entering in its City Plant Establishment Period (PEP) on March 28, 2024.

5. According to the final, approved mitigation plans described in Special conditions 3 and 4, the responsible parties would be as follows: a) Implementation: City of San Diego Engineering and Capital Projects Department; b) Performance: City of San Diego Engineering and Capital Projects Department c) Long-term management: City of San Diego Parks and Recreation Department. The Permittee retains ultimate legal responsibility for meeting the requirements of the final, approved mitigation plan. Detailed mitigation objectives, performance standards, and monitoring requirements are described in the above final, approved mitigation plan. Any requirements for financial assurances and/or long-term management provisions are also described in the above final, approved mitigation plan, as well as in special conditions 6 and 7 below. Your responsibility to complete the required compensatory mitigation as set forth in Special Condition 9 will not be considered fulfilled until you have demonstrated compensatory mitigation project success and have received written verification of that success from the U.S. Army Corps of Engineers Regulatory Division.

We acknowledge this condition, are currently complying, and intend to comply with all requirements of this special condition.

6. Prior to initiating construction in waters of the U.S., the Permittee shall provide proof of city funding via the city of San Diego's annual operating budget and provide proof of awarded contract for construction to the Corps' Regulatory Division.

The City has provided all required documents to the Corps Regulatory Division for Department of the Army permit approval, and submitted a signed Notification of Commencement for work within Waters of the U.S. on March 21, 2023.

7. The Permittee shall preserve the on-site mitigation areas in perpetuity as described in the Final Mitigation Plans identified in the Special Conditions 3 and 4. A copy of permits, restrictions, and conditions shall be recorded on the Action Sheet Log within the City's Department of Real Estate and Airport Management, and confirmation of the recording shall be provided the Corps Regulatory Division prior to final mitigation sign-off. If the property is sold or transferred, the successor would be required to record a Conservation Easement (CE). The CE shall be submitted to the Corps Regulatory Division for review within 60 days of the permit transfer. The successor shall receive written approval (by letter or email) from the Corps Regulatory Division of the CE prior to the CE being executed or recorded.

We intend to comply with all requirements of this special condition upon mitigation completion.

8. GIS DATA: Within 60 days the Permittee shall provide to this office GIS data (polygons only) depicting the boundaries of all compensatory mitigation sites, as authorized in the above, final mitigation plans. All GIS data and associated metadata shall be provided on a digital medium (CD or DVD) or via file transfer protocol (FTP), preferably using the Environmental Systems Research Institute (ESRI) shapefile format. GIS data for mitigation sites shall conform to the Regulatory_mitigation_template_20160115.lpk labeling requirements, as specified in the Final Map and Drawing Standards for the South Pacific Division Regulatory Program dated February 10, 2016

(http://www.spd.usace.army.mil/Missions/Regulatory/PublicNoticesandReferences/t abid/10390/Article/651327/updated-map-and-drawing-standards.aspx), and shall include a text file of metadata, including datum, projection, and mapper contact information. Within 60 days following completion of compensatory mitigation construction activities, if any deviations have occurred, you shall submit as-built GIS data (polygons only) accompanied by a narrative description listing and explaining each deviation.

The initial submittal of GIS data was completed. The GIS data and explanation of deviations at the Vernal Pool site will be provided shortly.

9. MONITORING: You shall submit monitoring reports for all compensatory mitigation sites as described in the final, approved mitigation plans by December 1 of each year following the construction of mitigation. To assure compensatory mitigation success, you shall monitor the mitigation area(s) for at least five (5) consecutive growing seasons after construction or until the Corps determines the final performance standards are met (monitoring shall be for a minimum of 5 years unless the Corps agrees earlier that success has been reached and maintained for a sufficient time period, or, if success is not demonstrated to the Corps' satisfaction after the 5th year of monitoring, additional monitoring may be required by the Corps as determined at that time). The monitoring period shall commence upon completion of the construction of the mitigation site(s). Additionally, you shall demonstrate continued success of the compensatory mitigation site(s), without human intervention, for at least two consecutive years during which interim and/or final performance standards are met. The compensatory mitigation project will not be deemed successful until this criterion has been met.

The first annual monitoring report will be provided in December 2024 if construction is complete before this time.

10. Within 45 calendar days of complete installation of all mitigation, the Permittee shall submit to the Corps Regulatory Division a memorandum including the following information:

A) Date(s) all mitigation was installed and monitoring was initiated;

B) Schedule for future mitigation monitoring and reporting pursuant to final, Corps approved mitigation plan;

C) Color photographs (including map of photopoints) taken at each mitigation site before and after installation such that correct installation per final, Corps-approved mitigation plan can be verified;

D) One copy of "as built" drawings for the entire project, including all mitigation sites. Electronic submittal (Adobe PDF format) is preferred. All sheets must be signed, dated, and to-scale. If submitting paper copies, sheets must be no larger than 11 x 17 inches; and

E) Summary of compliance status with each special condition of this permit (including any noncompliance that previously occurred or is currently occurring and corrective actions taken or proposed to achieve compliance).

See responses to the 10 special conditions above and the information provided in this as-built report

3.2 Vernal Pool Mitigation Plan for the La Media Road Improvement Project (RECON 2023) Section 4.1 Avoidance and Mitigation Measures (During Mitigation Implementation)

1. Temporary fencing (with silt barriers) will be required at the limits of the mitigation site (including implementation staging areas and access routes) to prevent additional vernal pool impacts and the spread of silt from the mitigation construction zone into adjacent vernal pools outside of the mitigation site. Fencing will be installed in a manner that does not impact native vegetation and existing vernal pools. Final construction plans will include photographs that show the fenced limits of impact and all areas of vernal pools to be avoided. If work inadvertently occurs beyond the fenced or demarcated limits of impact, all work will cease until the problem has been remedied to the satisfaction of the resource agencies and the City. Temporary construction fencing will be removed upon project completion.

Temporary fencing was used during the installation of the mitigation site and was removed as permanent fencing was installed after other installation activities were completed.

2. Impacts from fugitive dust that may occur during vernal pool grading will be avoided and minimized through watering and other appropriate measures.

The site was monitored for any fugitive dust and no issues occurred during installation.

3. The qualified vernal pool biologist that has been approved by the City will be on-site as needed during implementation activities to ensure compliance with all mitigation measures identified in the CEQA environmental document. The biologist will perform the following duties:

a. Oversee installation of and inspect the fencing and erosion control measures within or upslope of vernal pool restoration and preservation areas as needed, including daily during all rain events to ensure that any breaks in the fence or erosion control measures are repaired immediately.

This measure was implemented

b. Periodically monitor the work area to ensure that work activities do not generate excessive amounts of dust.

This measure was implemented.

c. Train all contractors and construction personnel on the biological resources associated with this project and ensure that training is implemented for construction personnel. At a minimum, training will include discussions of (1) the purpose for resource protection; (2) vernal pool species and their habitats; (3) the conservation measures that must be implemented during implementation to conserve the vernal pool species, including strictly limiting activities, vehicles, equipment, and construction materials to areas that require grading; (4) environmentally responsible construction practices as outlined in measures 4, 5, and 6 below; (5) the protocol to resolve conflicts that may arise at any time during the construction process; and (6) the general provisions of the project's mitigation monitoring and reporting program, the need to adhere to the provisions of the federal Endangered Species Act, and the penalties associated with violating the federal Endangered Species Act.

This measure was implemented, all project staff and contractors received environmental training.

D. Submit regular monthly letter reports to the City of San Diego Mitigation Monitoring and Coordination (MMC), City MSCP staff, and resource agencies during mitigation implementation and a final as-built report within 60 days following completion of construction. The final report will include as-built construction drawings with an overlay of habitat that was restored, final maximum extent of ponding for each vernal pool basin, general location of mounds, and other relevant summary information documenting that authorized impacts were not exceeded and that general compliance with all conservation measures was achieved.

See the answers to the special conditions here and the as-built drawing showing the final maximum extent of ponding for each vernal pool basin and general location of mounds. A spreadsheet with the final maximum extent of ponding for each vernal pool basin is attached to this report.

4. The following conditions will be implemented during project implementation:

a. Employees will strictly limit their activities, vehicles, equipment, and implementation materials to the fenced project footprint.

This measure was implemented.

b. The project site will be kept as clean of debris as possible. All food-related trash items will be enclosed in sealed containers and regularly removed from the site.

This measure was implemented.

c. Disposal or temporary placement of excess fill, brush, or other debris will be limited to areas within the fenced project footprint.

This measure was implemented.

5. All equipment maintenance, staging, and dispensing of fuel, oil, coolant, and any other such activities will occur in designated areas as approved by the vernal pool biologist. These designated areas will be located in previously compacted and disturbed areas to the maximum extent practicable in such a manner as to prevent any runoff from entering the vernal pools or their watersheds and should be shown on the construction plans. Fueling of equipment will take place within existing disturbed areas greater than 100 feet from the vernal pools or their watersheds. Contractor equipment should be checked for leaks prior to operation and repaired as necessary. A spill kit for each piece of construction equipment should be on-site to be used in the event of a spill. "No-fueling zones" will be designated on construction plans.

This measure was implemented.

6. Grading activities immediately adjacent to vernal pools will be timed to avoid wet weather to minimize potential impacts (e.g., siltation) to the vernal pools unless the area to be graded is at an elevation below the pools. To achieve this goal, grading adjacent to existing pools will comply with the following:

These measures were implemented.

a. Grading will occur only when the soil is dry to the touch both at the surface and one inch below. A visual check for color differences (i.e., darker soil indicating moisture) in the soil between the surface and one inch below indicates whether the soil is dry.

Grading was delayed significantly due to the heavy rains in the spring and summer leading to wet conditions on site before grading was finally conducted once the site was dry.

b. After a rain of greater than 0.2 inch, grading will occur only after the soil surface has dried sufficiently as described above and no sooner than two days (48 hours) after the rain event ends.

This measure was implemented.

c. To prevent erosion and siltation from storm water runoff due to unexpected rains, best management practices (i.e., silt fences) will be implemented as needed during grading.

This measure was implemented as described above.

d. If rain occurs during grading, work will stop and resume only after soils are dry, as described above.

This measure was implemented.

e. Grading will be done in a manner to prevent runoff from entering existing vernal pools.

This measure was implemented.

f. If necessary, water spraying will be conducted at a level sufficient to control fugitive dust but not to cause runoff into vernal pools.

This was not necessary during implementation.

g. If mechanized grading is necessary, grading will be performed in a manner to minimize soil compaction (i.e., use the smallest type of equipment needed to feasibly accomplish the work).

This measure was implemented. A 70hp tractor with a loader and scraper was used, with this equipment grading the site took slightly longer than a week to grade.

3.3 Vernal Pool Habitat Conservation Plan Section 5.3.1

The vernal pool mitigation area for this project follows a no-net-loss loss philosophy and will produce significantly more vernal pools of significantly higher quality and surface area than were impacted by the La Media Road Improvement Project. This approach has been agency reviewed and reviewed pursuant to the VPHCP standards. This asbuilt documents the successful construction of the approved biologically superior mitigation site. Sensitive plant species have been appropriately salvaged and fairy shrimp will be introduced to the new vernal pools, and the upland habitat installed around them will provide an effective buffer and additional habitat for wildlife.

	Original VP plan area					Vernal pool maximum water area extent					
Type of pool	ID #	Area (sq ft)	Acres	Total Acres		ID #	Real area (Sq ft)	Acres	Total Acres		Area Difference Sq. F
Establish	VP1	970.66	0.02			VP1	1303	0.030			332.34
Establish	VP2	625.93	0.01			VP2	1051	0.024			425.07
Establish	VP3	1601.18	0.04			VP3	1463	0.034			-138.18
Establish	VP4	853.05	0.02			VP4	1047	0.024			193.95
Establish	VP5	980.06	0.02			VP5	1119	0.026]		138.94
Establish	VP6	1009.06	0.02			VP6	1137	0.026]		127.94
Establish	VP7	873.84	0.02			VP7	0	0.000]		-873.84
Establish	VP8	588.42	0.01			VP8	1023	0.023]		434.58
Establish	VP9	627.25	0.01			VP9	981	Area (Sq ft) Acres Total Acres 1303 0.030 1051 0.024 1463 0.034 1047 0.024 1119 0.026 1137 0.026 0 0.000 1023 0.023 981 0.023 1470 0.034 1548 0.036 2268 0.052 2180 0.050 891 0.020 2009 0.046 1529 0.035 2328 0.053 1447 0.033 1696 0.039 1718 0.039 2380 0.055 988 0.023 0 0.000 1282 0.027 786 0.018 1906 0.044 1418 0.033 1952 0.045 1879 0.043 1808 0.042 796	353.75		
Establish	VP10	1176.82	0.03	0.51		VP10	1470	0.034	0 6 1 0		293.18
Establish	VP11	1261.94	0.03	0.51		VP11	1548 0.036 0.040	0.048	286.06	286.06	
Establish	VP12	1606.08	0.04			VP12	2268	0.052	1 1		661.92
Establish	VP13	1505.29	0.03			VP13	2180	0.050]		674.71
Establish	VP14	694.64	0.02			VP14	891	0.020]		196.36
Establish	VP15	1469.78	0.03			VP15	2009	0.046			539.22
Establish	VP16	1090.98	0.03			VP16	1529	0.035	1		438.02
Establish	VP17	1736.61	0.04			VP17 VP18	2328	0.053			591.39
Establish	VP18	1059.03	0.02				1447	0.033			387.97
Establish	VP19	1052.03	0.02			VP19	1696	0.039	1		643.97
Establish	VP20	1446.86	0.03			VP20	1718	0.039			271.14
Re-establish (VPHCP/RECON)	R1	1546.35	0.04			R1	2380	0.055			833.65
Re-establish (VPHCP/RECON)	R2	786.58	0.02			R2	988	0.023	1		201.42
Re-establish (VPHCP/RECON)	R3	1135.66	0.03			R3	0	0.000			-1135.66
Re-establish (VPHCP/RECON)	R4	787.10	0.02	0.21		R4	1282	0.029			494.90
Re-establish (VPHCP/RECON)	R5	803.73	0.02			R5	1165	0.027	0.26		361.27
Re-establish (VPHCP/RECON)	R6	817.57	0.02			R6	1670	0.038			852.43
Re-establish (VPHCP/RECON)	R7	1020.17	0.02			R7	1175	0.027			154.83
Re-establish (VPHCP/RECON)	R8	737.93	0.02			R8	786	0.018]		48.07
Re-establish (VPHCP/RECON)	R9	1394.30	0.03			R9	1906	0.044			511.70
Re-establish	R10	1346.39	0.03			R10	1418	0.033			71.61
Re-establish	R11	1691.33	0.04			R11	1952	0.045	1		260.67
Re-establish	R12	1131.39	0.03		ID # Real area VP1 130 VP2 105 VP3 146 VP4 104 VP5 111 VP6 113 VP7 0 VP8 102 VP9 98 VP10 147 VP12 226 VP13 218 VP14 89 VP15 200 VP14 89 VP15 200 VP16 152 VP17 232 VP18 144 VP19 166 VP17 232 VP18 144 VP19 165 VP20 171 R1 238 R2 98 R3 0 R4 128 R5 116 R10 144 R1 195 R12 187 R1	1879	0.043	1		747.61	
Re-establish	R13	1126.19	0.03			R13	1808	0.042	1		681.81
Re-establish	R14	712.90	0.02	0.23		R14	796	0.018	0.32		83.10
Re-establish	R15	1202.92	0.03			R15	1555	0.036			352.08
Re-establish	R16	694.99	0.02			R16 R17	1155				460.01
Re-establish	R17	1215.45	0.03				1832	0.042			616.55
Re-establish	R18	1020.32	0.02				1663	0.038			642.68
TOTAL				0.95					1.23		

surplus Deficit

