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2020 Vernal Pool Habitat Conservation Plan Management and Monitoring Annual Report

November 23, 2021

VPCHP 2020 Report

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VPCHP 2020 Report

# Table of Contents

1.	Over	view	1
	1.1	Overview of Vernal Pool Habitat Conservation Plan and Vernal Pool Management and Monitoring Plan	1
	1.2	Reporting Requirements	1
	1.3	Management and Monitoring Requirements	3
	1.4	Private Property Reporting	3
	1.5	Take Tracking	3
2.	Repo	orting Summary	5
	2.1	City Monitoring and Management	5
		2.1.1 Qualitative Monitoring and Management Activities	5
		Methods	5
		Results	5
		2.1.2 Quantitative Monitoring and Management Level Assessment	5
		Methods	5
		Results	6
		2.1.3 Baseline Hydrologic Surveys1	6
	2.2	Private Property Management and Monitoring1	6
	2.3	Take Summary 1	6
3.	VPHC	CP Funding1	9
	3.1	Spend During Reporting Period and Future Funding Sources	9
4.	Refer	rences2	0

## **Figures**

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

### **Tables**

Table 2-1. Qualitative Monitoring and Management Events for City of San Diego-managed Vernal	
Pool Complexes	. 6
Table 2-2. Quantitative Monitoring Basins for City of San Diego-managed Vernal Pool Complexes	
by Management Level	7
Table 2-3. Focal Plant Species Cover Classes and Fairy Shrimp Density	12
Table 2-4. 2020 Take Summary	17
Table 5-1. Spend in Current Fiscal Year (2020)	
Table 5-2. Funding Sources for Fiscal Year 2021	

## Appendices

Appendix A	City of San Diego V	PHCP Vernal Pool Com	plex Management and Monite	orina Levels
, , , , , , , , , , , , , , , , , , , ,	ong of barr brogo t		prox management and merne	

- Appendix B 2020 Vernal Pool Monitoring Datasheets
- Appendix C 2020 Vernal Pool Monitoring and Management Photolog
- Appendix D Private Property Compliance Tracking

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

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

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

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

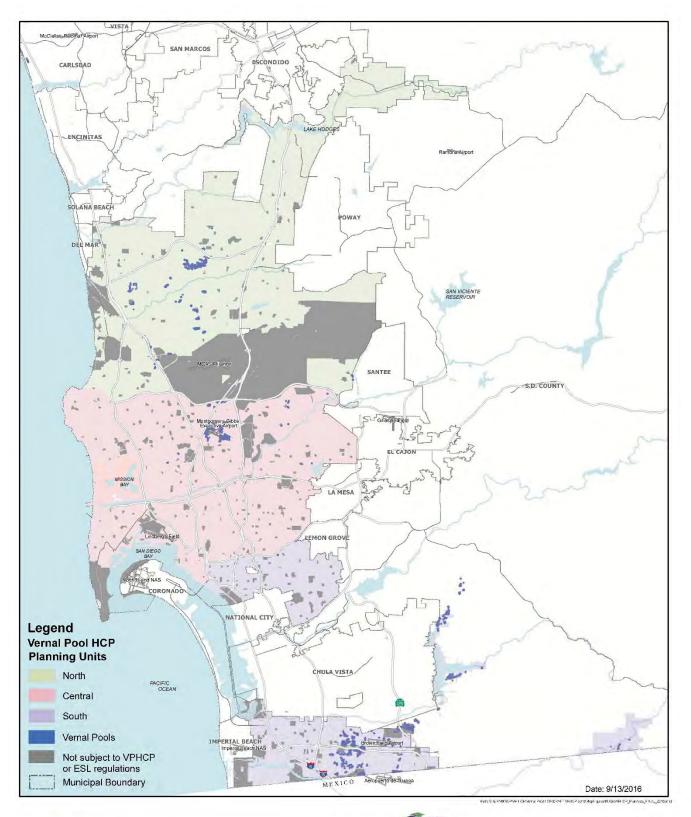
The VPHCP's accompanying VPMMP outlines adaptive monitoring and management strategies to be applied to individual vernal pool complexes<sup>2</sup>. Appendix A of this 2020 management and monitoring annual report (2020 Annual Report) includes a list of each vernal pool complex covered under the VPHCP. The City is responsible for adhering to management and monitoring activities outlined in the VPMMP and VPHCP, and reporting on those activities annually to USFWS and California Department of Fish and Wildlife (collectively, the Wildlife Agencies).

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

The City is responsible for implementing management activities, collecting and analyzing data, tracking take, and providing an annual summary to the Wildlife Agencies (refer to Chapter 5.0 of the VPMMP for further details regarding data collection, analysis, and reporting). This 2020 Annual Report fulfills the City's annual VPHCP reporting requirements for the 2020 fiscal year (July 01, 2019 through June 30, 2020).

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

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





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



### SanGIS

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Figure 1.1-1 Vernal Pool HCP Plan Area

#### 1.3 Management and Monitoring Requirements

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 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). Monitoring methods, sampling design, and management activities are directly tied to the VPMMP standards that guide management level designation for vernal pool complexes. The three-tiered management level approach is based on the condition of each vernal pool complex as determined during development of the VPHCP. Changes in management level are triggered by changes in the following categories: focal plant species cover, covered shrimp species cover, average weed cover, and hydrologic function. Figure 1.3-1 illustrates the relationship between management level and the VPMMP standards. Management activities based on management level are detailed in Table 4-6 of the VPMMP.

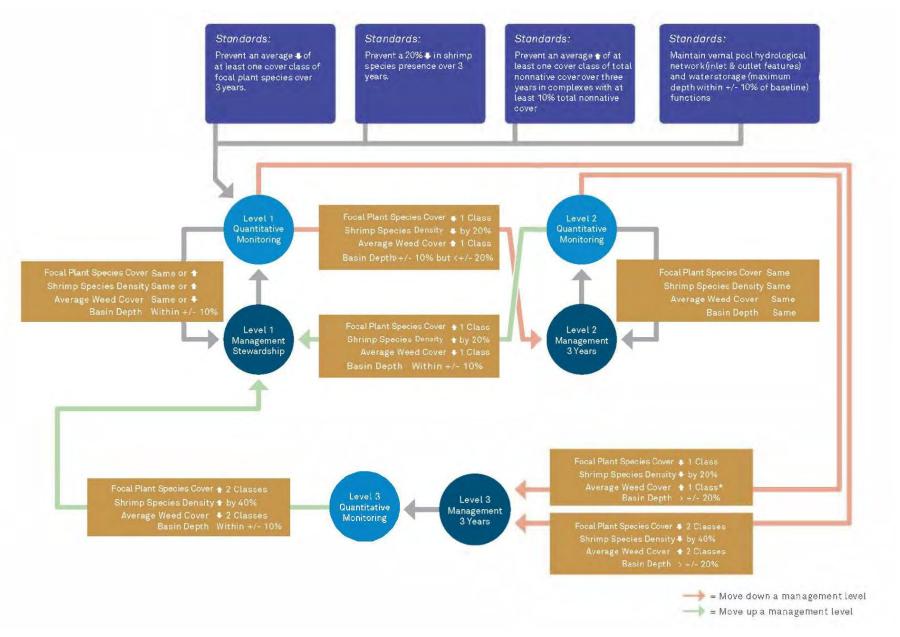
Per the VPHCP, 3 years of data collection during adequate rainfall years (at least 55 percent [%] of average total rainfall) are required to provide an analysis that would identify triggers in change of management level of an individual complex. Because 2020 is the second year of VPHCP implementation, it is anticipated that a management level analysis will be performed for Years 1 through 3 and included in the 2021 Annual Report (pending sufficient rainfall). If results trigger a change in management level for a vernal pool complex, the City will revise the VPMMP to include updated maintenance and monitoring requirements for the new management level. Section 2.1.2 of this 2020 Annual Report provides an analysis of precipitation during 2019 and 2020 in relation to management and monitoring levels.

#### 1.4 Private Property Reporting

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 on Appendix A). Since private projects listed in Appendix A were approved prior to development of the VPHCP, private projects approved, and ensuing VPHCP adoption will develop and follow a standardized reporting method. This 2020 Annual Report includes a summary of VPHCP reporting for private properties that are subject to the VPHCP. Section 2.2 of this 2020 Annual Report discusses further details regarding management and monitoring for private properties.

#### 1.5 <u>Take Tracking</u>

The USFWS Section 10 Incidental Take Permit (ITP) issued to the City for the VPHCP requires tracking of take associated with Covered Projects and Covered Activities under the VPHCP. It is the City's responsibility to track incidental take associated with Covered Projects and Covered Activities on both City-owned and private lands. In addition, the ITP allows extension of authorized take outside of City-jurisdiction property through a Certificate of Inclusion that can be issued to private property owners. Private property owners covered by the ITP are required to satisfy management and monitoring standards outlined in the VPHCP. Section 2.3 of this 2020 Annual Report details a running total of take across VPHCP-covered projects.



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

# 2. Reporting Summary

#### 2.1 City Monitoring and Management

#### 2.1.1 Qualitative Monitoring and Management Activities

#### Methods

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

#### Results

Qualitative monitoring for the City-owned vernal pool complexes was generally conducted during the winter and spring months (February through May) of 2020. Management activities were conducted throughout the fiscal year, as feasible and in response to level of urgency (as determined by monitoring assessments). Results of monitoring and management activities are summarized in Table 2-1. Table 2-1 also includes newly observed vernal pools and complexes not recorded in the VPHCP; these pools are prefixed with "NEW" in the complex name and/or vernal pool identification. Appendix B-1 of this 2020 Annual Report includes datasheets detailing complex-specific monitoring and management information; Appendix C-1 includes photos taken during management visits and depict activities such as weed control, fencing repair, and trash pickup.

#### 2.1.2 Quantitative Monitoring and Management Level Assessment

#### Methods

Quantitative monitoring for vernal pool complexes includes assessments of the five covered plant species and two covered shrimp species. Monitoring requirements and sample size are based on management level assignment for each vernal pool complex, with greater level of effort associated with higher management levels. Monitoring of floral components within vernal pools includes quantitative data collection of nonnative and native species cover, including covered plant species. Cover estimates are based on the California Native Plant Society plant cover methodology and collected from pool margins to avoid disturbance. Additionally, cover estimates for native and nonnative species collected for vernal pool basins, includes 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 track changes in population size at sampled vernal pools (refer to Chapter 4.1.4 of the VPMMP for further details regarding quantitative monitoring methods for covered plant species and covered shrimp species).

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

Mgmt. Level	Planning Unit	Qualitative Monitoring Events Occurred <sup>2,3</sup>	Management Events Occurred <sup>3</sup>		
		H 38	Carmel Mountain	Yes	Yes
		D 5-8	Carroll Canyon/Parkdale Carroll Canyon	Yes	Yes
		B 7-8	Crescent Heights**	Yes	Yes
	North	H 1-10, 13- 15, 18-26	Del Mar Mesa (City)	Yes	Yes
		H 39	Greystone Torrey Highlands	Yes	Yes
		B 7-8	Lopez Ridge (City)	Yes	No
Level 1		l 12	Pueblo Lands (South)	Yes	No
		Q 2	Mission Trails Regional Park	Yes	No
	Central	N 5-6	Montgomery Field <sup>+</sup>	Yes	Yes
	Central	KK 2	Pasatiempo	Yes	Yes
		N 7	Serra Mesa Library	Yes	Yes
		J 14	Anderprises (City)	Yes	No
		J 2	Cal Terraces (North) (City), Otay Mesa Road Parcels		Yes
		J 14	Cal Terraces (South)	Yes	Yes
		J 2	Clayton Parcel	Yes	Yes
		J 16-18	Goat Mesa (City)	Yes	Yes
		J 31	Hidden Trails	Yes	Yes
	South	MM 1	Marron Valley	Yes	No
		X 5	Nobel Drive	Yes	No
		K 5	Otay Lakes	Yes	No
		R 1	Proctor Valley	Yes	Yes
		J 32	West Otay B	Yes	Yes
		J 32	West Otay C	Yes	No
		J 16-18	Wruck Canyon	Yes	Yes
Level 2	Central	U 15	SANDER	Yes	Yes
Levei 2	South	J 4-5	Robinhood Ridge	Yes	Yes
Level 3	South	J 35	Brown Field <sup>+</sup>	Yes	No
Level 2	South	J 13 N	South Otay 1 acre (City)	Yes	Yes
	North	N/A	NEW: Dormouse	Yes	No
N/A	Central	N/A	NEW: Calle de Vida	Yes	Yes
	South	N/A	NEW: Seabird Way	Yes	No

<sup>1</sup> Cross (+) indicates that vernal pool complex performs under site-specific restoration plan or management plan (refer to Appendix B of the VPMMP for further details); "NEW" indicates that vernal pool complex was not captured during VPHCP implementation, therefore is not assigned to a management level nor complex series; double asterisk (\*\*) indicates vernal pool complex is under ownership of Tripoint.

<sup>2</sup> Per VPMMP, all levels require three visits to occur annually during the wet season;

<sup>3</sup> Details regarding monitoring observations and management activities are provided in Appendix B-1. Of note, health guidelines outlined during the COVID-19 pandemic restricted the number of management events that were feasible to implement during the overlapping portion of fiscal year 2020.

#### Results

Quantitative monitoring for City-owned vernal pool complexes was generally conducted during the spring months (February through May) of 2020. Vernal pool-specific monitoring datasheets are attached as Appendix B-2 and include comprehensive floral inventories and cover estimates for each surveyed vernal pool. A summary of vernal pool sampling size and individual vernal pool selection within each vernal pool complex is detailed in Table 2-2. Generally, pools were selected according to management level requirements and based on baseline conditions. Table 2-3 summarizes cover class estimates for each focal species recorded and average nonnative species cover. Newly observed vernal pools and complexes included in Table 2-1 did not receive quantitative monitoring and are, therefore, not included in

Mgmt. Level	Planning Unit <sup>1</sup>	- Complex Series C	Total Number of Conserved		Total Nur		Number of     (Sample Size) <sup>3</sup> Conserved     √ = Presence of Focal Species <sup>4</sup>							
_0101	• · · · ·	Vernal Pool ID <sup>1</sup>	Pools within Complex <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS				
		Carroll Canyon/Parkdale Carroll Canyon – D 5-8	123	0 (0)	42 (6)	1 (1)	65 (7)	0 (0)	0 (0)	5 (3)				
		Pool 1077		-	$\checkmark$	$\checkmark$	$\checkmark$	-	-	-				
		Pool 1092		-	$\checkmark$	-	$\checkmark$	-	-	$\checkmark$				
		Pool 1096		-	$\checkmark$	-	$\checkmark$	-	-	-				
		Pool 1109		-	$\checkmark$	-	$\checkmark$	-	-	$\checkmark$				
		Pool 1740		-	$\checkmark$	-	$\checkmark$	-	-	-				
		Pool 1743		-	-	-	$\checkmark$	-	-	-				
		Pool 1746		-	$\checkmark$	-	$\checkmark$	-	-	$\checkmark$				
		Del Mar Mesa (City) - H 1- 10, 13-15, 18-26	92	0 (0)	3 (1)	0 (0)	49 (5)	0 (0)	0 (0)	8 (0)				
	North*	Pool 1255		-	-	-	$\checkmark$	-	-	-				
		Pool 1260		-	-	-	$\checkmark$	-	-	-				
		Pool 1264		-	-	-	$\checkmark$	-	-	-				
		Pool 1272		-	-	-	$\checkmark$	-	-	-				
Level 1		Pool 1842		-	$\checkmark$	-	-	-	-	-				
Level I		Pool 2468		-	-	-	$\checkmark$	-	-	-				
		Greystone Torrey Highlands – H 39	19	0 (0)	5 (1)	0 (0)	3 (1)	0 (0)	0 (0)	0 (0)				
		Pool 1177		-	$\checkmark$	-	$\checkmark$	-	-	-				
		Lopez Ridge (City) – B 7-8	10	0 (0)	10 (2)	0 (0)	1 (1)	0 (0)	0 (0)	2 (0)				
		Pool 706		-	$\checkmark$	-	$\checkmark$	-	-	-				
		Pool 712		-	$\checkmark$	-	-	-	-	-				
		Montgomery Field – N 5-6	333	0 (0)	129 (13)	0 (0)	0 (0)	0 (0)	0 (0)	45 (2)				
		Pool 4256		-	$\checkmark$	-	-	-	-	$\checkmark$				
		Pool 4596		-	$\checkmark$	-	-	-	-	$\checkmark$				
		Pool 5352		-	$\checkmark$	-	-	-	-	-				
	Central*	Pool 5355		-	$\checkmark$	-	-	-	-	-				
		Pool 5356		-	$\checkmark$	-	-	-	-	-				
		Pool 5358		-	$\checkmark$	-	-	-	-	-				
		Pool 5363		-	$\checkmark$	-	-	-	-	-				
		Pool 5369		-	$\checkmark$	-	-	-	-	-				

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series	Total Number of Conserved	Number of Conserved(Sample Size)^3 $\checkmark$ = Presence of Focal Species <sup>4</sup>								
		Vernal Pool ID <sup>1</sup>	Pools within Complex <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS		
		Pool 5371	-	-	$\checkmark$	-	-	-	-	-		
		Pool 5388		-	$\checkmark$	-	-	-	-	-		
		Pool 5423		-	$\checkmark$	-	-	-	-	-		
		Pool 6351		-	$\checkmark$	-	-	-	-	-		
		Pool 6384		-	$\checkmark$	-	-	-	-	-		
		Cal Terraces (North) (City), Otay Mesa Road Parcels –J2	304	286 (29)	0 (0)	79 (12)	275 (29)	52 (10)	93 (-)	209 (-)		
		Pool 42**		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$		
	Pool 51**		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$			
		Pool 67		$\checkmark$	-	-	$\checkmark$	-	-	-		
		Pool 78		$\checkmark$	-	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 89		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$		
		Pool 96		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$		
		Pool 100		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$		
		Pool 295		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$		
		Pool 301		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 445		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 447		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$		
	Couth*	Pool 449		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$		
	South*	Pool 450		$\checkmark$	-	-	$\checkmark$	-	-	-		
		Pool 451		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 452		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 459		$\checkmark$	-	$\checkmark$	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 464		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	-		
		Pool 471		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 473		$\checkmark$	-	$\checkmark$	$\checkmark$	-	$\checkmark$	$\checkmark$		
		Pool 483		$\checkmark$	-	-	$\checkmark$	$\checkmark$	-	$\checkmark$		
		Pool 484		$\checkmark$	-	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 490		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 502		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 509		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$		
		Pool 591		$\checkmark$	-	-	$\checkmark$	$\checkmark$	-	$\checkmark$		
		Pool 1310		$\checkmark$	-	$\checkmark$	$\checkmark$	$\checkmark$	-	$\checkmark$		

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series	Total Number of Conserved		Total Nur		rved Pools Oc (Sample Size) esence of Focal	3	al Species <sup>2</sup>	
		Vernal Pool ID <sup>1</sup>	Pools within Complex <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS
		Pool 1321		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 1713		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 1724		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Cal Terraces (South) – J 14	73	63 (7)	0 (0)	6 (1)	55 (7)	5 (1)	26 (-)	32 (-)
		Pool 2022		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2025		$\checkmark$	-	$\checkmark$	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2039		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2043		$\checkmark$	-	-	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
		Pool 2044		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2185		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$
		Pool 2189		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$
		Nobel Drive – X 5	12	0 (0)	0 (0)	1 (1)	0 (0)	0 (0)	0 (-)	7 (-)
		Pool 666		-	-	$\checkmark$	-	-	-	$\checkmark$
		Clayton Parcel – J 2	35	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	2 (-)
		Pool 876		-	-	-	$\checkmark$	-	-	-
		Goat Mesa – J 16-18	16	0 (0)	0 (0)	0 (0)	4 (2)	0 (0)	1 (-)	0 (-)
		Pool 1141		-	-	-	$\checkmark$	-	-	-
		Pool 1142		-	-	-	-	-	-	-
		Pool 1189		-	-	-	-	-	-	-
		Pool 1775		-	-	-	-	-	-	-
		Pool 1920		-	-	-	-	-	-	-
		Pool 2642	85	-	-	-		-	$\checkmark$	-
		Otay Lakes – K 5	80	0 (0)	0 (0)	2 (1)	46 (5)	0 (0)	0 (-)	6 (-)
		Pool 208		-	-	-	√ ,		-	-
		Pool 656		-	-	-	$\checkmark$	-	-	-
		Pool 891		-	-	-	√	-	-	√
		Pool 892		-	-	$\checkmark$	√ 	-	-	$\checkmark$
		Pool 1801		-	-	-	√ ▲ (4)	-	-	-
		West Otay C – J 32	7	0 (0)	0 (0)	0 (0)	1 (1)	0 (0)	0 (-)	0 (-)
		Pool 1545	83	-	-	-		-	-	-
		Robinhood Ridge – J 4-5	83	19 (19)	0 (0)	4 (4)	46 (46)	0 (0)	6 (-)	41 (-)
Level 2	South*	Pool 1577		-	-	-	$\checkmark$	-	-	-
		Pool 1580		-	-	-	√	-	-	-
		Pool 1595		-	-	-	$\checkmark$	-	-	$\checkmark$

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series	Total Number of Conserved	Number of     (Sample Size) <sup>3</sup> Conserved     √ = Presence of Focal Species <sup>4</sup>							
	•	Vernal Pool ID <sup>1</sup>	Pools within Complex <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS	
		Pool 1596	•	-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1598		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1599		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1600		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1601		-	-	-	$\checkmark$	-	-	-	
		Pool 1602		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1603		-	-	-	$\checkmark$	-	-	-	
		Pool 1604		-	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$	
		Pool 1606		-	-	-	$\checkmark$	-	-	-	
		Pool 1607		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1608		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1609		-	-	-	$\checkmark$	-	-	-	
		Pool 1666		-	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$	
		Pool 1667		-	-	-	$\checkmark$	-	-	-	
		Pool 1668		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$	
		Pool 1669		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1670		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1671		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1672		-	-	-	$\checkmark$	-	-	-	
		Pool 1673		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1675		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1676		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1677		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1678		-	-	-	$\checkmark$	-	-	-	
		Pool 1679		-	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$	
		Pool 1684		$\checkmark$	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$	
		Pool 1685		-	-	-	$\checkmark$	-	-	-	
		Pool 1688		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1689		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1691		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1692		-	-	-	$\checkmark$	-	$\checkmark$	$\checkmark$	
		Pool 1693		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1694		-	-	-	$\checkmark$	-	-	-	

Mgmt. Level	Planning Unit <sup>1</sup>	Vernal Pool Complex Name - Complex Series	Total Number of Conserved	= Presence of Focal Species <sup>4</sup>							
		Vernal Pool ID <sup>1</sup>	Pools within Complex <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS	
		Pool 1696		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1697		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$	
		Pool 1698		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1699		$\checkmark$	-	-	$\checkmark$	-	-	-	
		Pool 1700		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$	
		Pool 1701		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1702		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1703		$\checkmark$	-	-	-	-	-	-	
		Pool 1705		$\checkmark$	-	-	-	-	$\checkmark$	$\checkmark$	
		Pool 1706		$\checkmark$	-	-	-	-	-	$\checkmark$	
		Pool 1708		$\checkmark$	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1709		-	-	-	$\checkmark$	-	-	$\checkmark$	
		Pool 1710		$\checkmark$	-	$\checkmark$	$\checkmark$	-	-	$\checkmark$	
	0 11 1	South Otay 1 acre (City) – J 13 N	17	0 (0)	0 (0)	1 (1)	1 (1)	1 (1)	0 (-)	0 (-)	
Level 3	South*	Pool 1235		-	-	$\checkmark$	-	$\checkmark$	-	-	
		Pool 2339		-	-	-	$\checkmark$	-	-	-	

<sup>1</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall); double asterisk (\*\*) in vernal pool ID indicates vernal pool is under ownership of Tripoint.

<sup>2</sup> Based on existing management and monitoring levels developed during baseline surveys.

<sup>3</sup> Per VPMMP, sample size for covered plant species 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 plant species known to occur, Level 2 and 3: All pools in complex with covered plant species.

<sup>4</sup>Species acronyms are defined as follows: ERAR = *Eryngium aristulatum* var. *parishii*, NAFO = *Navarretia fossalis*, ORCA = *Orcuttia californica*, POAB = *Pogogyne abramsii*, PONU = *Pogogyne nudiuscula*, RSF = Riverside fairy shrimp, SDFS = San Diego fairy shrimp.

Table 2-3. Focal Plant S	pecies Cover Classes and	Fairy Shrimp Density

Mgmt.	Planning	Vernal Pool Complex Name - Complex Series		Focal Plant	t Species C	over Classe	S <sup>2</sup>		Shrimp sity <sup>2, 3</sup>	Nonnative Species	Topographic Disturbance
Level	Unit <sup>1</sup>	Vernal Pool ID <sup>1</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS	Cover Class	Assessment Conducted <sup>2</sup>
		from California Native Plant							estimated pe	ercentage of pla	ant cover. The
cover classe	s are as follov	vs: 1 = <1%, 2 = >1–5%, 3 = >				0%, 6 = >50-	-75%, and 7	= >75%.			
		Carroll Canyon/Parkdale	Carroll Car	nyon - D 5-8	B						
		Pool 1077	-	1	1	3	-	-	-	1	-
		Pool 1092	-	2	1	2	-	-	-	1	-
		Pool 1096	-	3	-	3	-	-	-	1	-
		Pool 1109	-	2	-	3	-	-	-	2	-
		Pool 1740	-	4	-	4	-	-	-	1	-
		Pool 1743	-	-	-	4	-	-	-	2	-
		Pool 1746	-	1	-	4	-	-	-	1	-
		Del Mar Mesa (City) - H 1-	10, 13-15, 1	18-26							
	N lo rth *	Pool 1255	-	-	-	3	-	-	-	1	-
	North*	Pool 1260	-	1	1	3	-	-	-	1	-
		Pool 1264	-	-	-	2	-	-	-	1	-
		Pool 1272	-	-	-	3	-	-	-	1	-
		Pool 1842	-	3	-	1	-	-	-	1	-
		Pool 2468	-	-	-	1	-	-	-	1	-
		Greystone Torrey Highlan	ds - H 39	•	•	•			•		
		Pool 1177	-	2	-	2	-	-	-	2	-
Level 1		Lopez Ridge (City) - B 7-8									
		Pool 706	-	2	-	-	-	-	-	1	-
		Pool 712	-	3	-	-	-	-	-	1	-
		Montgomery Field - N 5-6									
		Pool 4256	-	1	-	-	-	-	-	1	-
		Pool 4596	-	2	-	-	-	-	-	1	-
		Pool 5352	-	1	-	-	-	-	-	1	-
		Pool 5355	-	1	-	-	-	-	-	1	-
		Pool 5356	_	2	-	-	-	_	-	1	-
		Pool 5358	-	1	-	-	-	-	-	1	-
	Central*	Pool 5363	-	1	-	-	-	-	-	2	-
		Pool 5369	-	1	-	-	-	_	-	1	-
		Pool 5371	-	1	-	-	-	_	-	1	-
		Pool 5388	-	1	-	-	-	_	-	1	-
		Pool 5423	-	1	-	-	-	-	-	1	-
		Pool 6351	-	1	-	-	-	_	-	1	-
		Pool 6384	-	1	-	-	-	-	-	1	-
	South*	Cal Terraces (North) (City	) Otav Me	sa Road Pa	arcels - J 2		I				1

Mgmt.	Planning	Vernal Pool Complex Name - Complex Series	Focal Flant Species Cover Classes					Fairy S Dens	Shrimp Sity <sup>2, 3</sup>	Nonnative Species	Topographic Disturbance
Level	Unit <sup>1</sup>	Vernal Pool ID <sup>1</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS	Cover Class	Assessment Conducted <sup>2</sup>
		Pool 42	-	-	1	2	-	-	-	1	-
		Pool 51**	1	-	1	1	-	-	-	1	-
		Pool 67	1	-	-	1	-	-	-	1	-
		Pool 78	1	-	-	2	1	-	-	1	-
		Pool 89	3	-	-	2	-	-	-	1	-
		Pool 96	-	-	-	3	-	-	-	1	-
		Pool 100	1	-	-	3	-	-	-	1	-
		Pool 295	-	-	-	3	-	-	-	1	-
		Pool 301	2	-	-	1	-	-	-	1	-
		Pool 445	3	-	-	2	1	-	-	1	-
		Pool 447	-	-	-	2	-	-	-	1	-
		Pool 449 Pool 450	2	-	-	1	-	-	-	1	-
		Pool 450 Pool 451	1	-	-		-	-	-	1	-
		Pool 451 Pool 452	1			1				1	-
		Pool 452 Pool 459	1	-	-	2	-	-	-	1	-
		Pool 464	1	-	-	1	-	-	-	2	-
		Pool 471	1	-	1	2	-	-	-	1	-
		Pool 473	1	-	1	3	-	-	-	1	-
		Pool 483	-	-	-	4	1	-	-	1	-
		Pool 484	1	-	-	2	1	-	-	1	-
		Pool 490	1	-	-	2	2	-	-	1	-
		Pool 502	1	-	1	1	-	-	-	1	-
		Pool 509	1	-	1	1	3	-	-	1	-
		Pool 591	1	-	-	2	3	-	-	1	-
		Pool 1310	2	-	1	3	1	-	-	1	-
		Pool 1321	2	-	-	1	-	-	-	1	-
		Pool 1713	1	-	-	4	-	-	-	1	-
		Pool 1724	-	-	-	1	-	-	-	1	-
		Cal Terraces (South) - J 14	4								
		Pool 2022	-	-	-	2	-	-	-	1	-
		Pool 2025	1	-	-	1	-	-	-	2	-
		Pool 2039	2	-	1	2	-	-	-	1	-
		Pool 2043	-	-	-	1	-	-	-	1	-
		Pool 2044	1	-	_	2	-	-	_	1	-
		Pool 2185	3	-	-	1	-	-	-	1	_
		Pool 2189	1	-	1	1	-	-	-	1	-
		Nobel Drive - X 5		-			-	-	-		-
		NODEL DIIVE - V 2									

Mgmt.	Planning	Vernal Pool Complex Name - Complex Series		Focal Plant	Species Co	over Classe	s <sup>2</sup>	Fairy S Dens	Shrimp sity <sup>2, 3</sup>	Nonnative Species	Topographic Disturbance
Level	Unit <sup>1</sup>	Vernal Pool ID <sup>1</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS	Cover Class	Assessment Conducted <sup>2</sup>
		Pool 666	-	-	1	-	-	-	-	1	-
		Clayton Parcel - J 2		-	-						
		Pool 876	1	-	-	-	-	-	-	3	-
		Goat Mesa - J 16-18				1	T	1	T		1
		Pool 1141	-	-	1	1	-	-	-	1	-
		Pool 1142	-	-	1	1	-	-	-	1	-
		Pool 1189	-	-	-	1	-	-	-	1	-
		Pool 1775	-	-	-	1	-	-	-	1	-
		Pool 1920	-	-	-	-	-	-	-	1	-
		Pool 2642	-	-	1	3	-	-	-	1	-
		Otay Lakes - K 5		-	-					_	
		Pool 208	-	-	-	1	-	-	-	2	-
		Pool 656	-	-	-	1	-	-	-	2	-
		Pool 891	-	-	-	1	-	-	-	1	-
		Pool 892	-	-	-	1	-	-	-	1	-
		Pool 1801	-	-	-	1	-	-	-	2	-
		West Otay C - J 32									
		Pool 1545	1	-	-	1	-	-	-	1	-
		Robinhood Ridge - J 4-5									
		Pool 1577	-	-	-	-	-	-	-	1	-
		Pool 1580	-	-	-	1	-	-	-	4	-
		Pool 1595	-	-	-	4	-	-	-	1	-
		Pool 1596	-	-	-	3	-	-	-	1	-
		Pool 1598	-	-	3	-	-	-	-	1	-
		Pool 1599	-	-	-	3	-	-	-	1	-
		Pool 1600	-	-	-	4	-	-	-	1	-
		Pool 1601	-	-	-	4	-	-	-	1	-
		Pool 1602	-	-	-	4	-	-	-	1	-
Level 2	South*	Pool 1603	-	-	-	2	-	-	-	1	-
		Pool 1604	-	-	-	4	-	-	-	2	-
		Pool 1606	-	-	-	3	-	-	-	1	-
		Pool 1607	1	-	-	4	-	-	-	1	-
		Pool 1608	-	-	-	4	-	-	-	1	-
		Pool 1609	-	-	-	4	-	-	-	1	-
		Pool 1666	-	-	-	3	-	-	-	1	-
		Pool 1667	-	-	-	4	-	-	-	1	-
		Pool 1668	1	-	1	4	-	-	-	1	-
		Pool 1669	-	-	-	4	-	-	-	1	-
		Pool 1670	1	-	-	4	-	-	-	1	-

Mgmt.	Planning	Vernal Pool Complex Name - Complex Series	I	Focal Plant	Species Co	over Classe	s <sup>2</sup>	Fairy S Dens	Fairy Shrimp Density2,3Nonnative SpeciesRSFSDFSCover Class		cies Disturbance	
Level	Unit <sup>1</sup>	Vernal Pool ID <sup>1</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF			Assessment Conducted <sup>2</sup>	
		Pool 1671	-	-	-	4	-	-	-	2	-	
		Pool 1672	-	-	-	3	-	-	-	2	-	
		Pool 1673	-	-	-	3	-	-	-	1	-	
		Pool 1675	-	-	-	4	-	-	-	2	-	
		Pool 1676	-	-	-	3	-	-	-	1	-	
		Pool 1677	-	-	-	3	-	-	-	2	-	
		Pool 1678	-	-	-	4	-	-	-	2	-	
		Pool 1679	-	-	-	3	-	-	-	2	-	
		Pool 1684	-	-	-	4	-	-	-	2	-	
		Pool 1685	-	-	-	1	-	-	-	3	-	
		Pool 1688	1	-	-	4	-	-	-	1	-	
		Pool 1689	-	-	-	4	-	-	-	1	-	
		Pool 1691	-	-	-	4	-	-	-	1	-	
		Pool 1692	-	-	-	3	-	-	-	1	-	
		Pool 1693	-	-	-	3	-	-	-	1	-	
		Pool 1694	-	-	-	-	-	-	-	2	-	
		Pool 1696	1	-	-	4	-	-	-	2	-	
		Pool 1697	-	-	-	4	-	-	-	1	-	
		Pool 1698	-	-	-	4	-	-	-	1	-	
		Pool 1699	-	-	-	2	-	-	-	2	-	
		Pool 1700	1	-	-	2	-	-	-	1	-	
		Pool 1701	-	-	-	4	-	-	-	1	-	
		Pool 1702	-	-	-	4	-	-	-	2	-	
		Pool 1703	-	-	-	-	-	-	-	2	-	
		Pool 1705	-	-	-	1	-	-	-	2	-	
		Pool 1706	1	-	-	-	-	-	-	1	-	
		Pool 1708	1	-	-	-	-	-	-	1	-	
		Pool 1709	-	-	-	-	-	-	-	2	-	
		Pool 1710	1	-	-	4	-	-	-	1	-	
		South Otay 1 acre (City) -	J 13 N									
Level 3	South*	Pool 1235	-	-	-	-	-	-	-	4	-	
		Pool 2339	-	-	-	1	1	-	-	2	-	

<sup>1</sup> Asterisk (\*) indicates rainfall within planning unit during reporting period is adequate for VPMMP standards assessment (55% of average rainfall); double asterisk (\*\*) in vernal pool ID indicates vernal pool is under ownership of Tripoint.

<sup>2</sup>Species acronyms are defined as follows: ERAR = Eryngium aristulatum var. parishii, NAFO = Navarretia fossalis, ORCA = Orcuttia californica,

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

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

Tables 2-2 and 2-3; the City is working with the Wildlife Agencies to develop an onboarding process for newly observed vernal pools and vernal complexes into the VPMMP. Quantitative monitoring of covered shrimp species was not warranted based on qualitative assessments and therefore was not conducted during the 2020 fiscal year. Photos of surveyed vernal pool basins were taken during quantitative surveys and are attached as Appendix C-2.

Because 3 years of data for years with at least 55% of average rainfall is not yet available (i.e., 2020 was Year 2 of data collection), Table 2-3 presents data without analysis of management level change. Yearly rainfall is measured from July through June and 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. A management level change analysis will be conducted in the 2021 Annual Report for planning units receiving adequate rainfall (at least 55% of the historic average) across the 3 years of VPHCP implementation (2019 to 2021). For 2019 and 2020, yearly rainfall measurements were within at least 55% of the average rainfall benchmark throughout the north, central, and south planning units: Montgomery Field weather station recorded 12.9<sup>3</sup> inches of rainfall and Brown Field recorded 17.5 inches of rainfall in 2020. Shrimp density and average cover of focal and nonnative species from 2020 will be compared to baseline survey conditions in 2021 if the 2021 rainfall is also within the adequate rainfall benchmark. The result of this future analysis may trigger management level changes to individual vernal pool complexes.

Quantitative topographic disturbance assessments (referenced in Table 2-3) were not conducted during the 2020 monitoring period due to the absence of baseline hydrologic data; Section 2.1.3 of this 2020 Annual Report discusses this in further detail in. 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 as well as privately owned vernal pool basins subject to the VPHCP management and monitoring criteria, regardless of management level. Baseline hydrologic data shall be collected within 5 years of VPHCP implementation and serve as a benchmark from which topographic and hydrologic disturbance can be assessed (refer to Chapter 4.1.2 of the VPMMP for further details regarding baseline hydrologic surveys). Baseline hydrologic surveys will be conducted within the next 3 years of the program to satisfy this requirement.

#### 2.2 Private Property Management and Monitoring

As discussed in Section 1.4 of this 2020 Annual Report, the City's responsibilities under the VPHCP include enforcement of management and monitoring of vernal pool complexes consistent with the VPCHP. During the 2020 fiscal year, projects occurring on private property within implementation of the VPHCP were not at the point of management and monitoring, rather, projects were implementing mitigation requirements. Private property management and monitoring activities for projects predating VPHCP implantation are outlined within site-specific plans. Appendix D details site-specific activities outlined within the associated plans, including requirements for maintenance, monitoring, success criteria, and reporting. Refer to the specific associated plan for further details regarding maintenance and monitoring requirements for each privately owned vernal pool complex. No reports have been received by the City in 2020. Reports anticipated during 2021 will be included in the 2021 Annual Report.

#### 2.3 <u>Take Summary</u>

Authorized take associated with Covered Projects and Covered Activities is summarized in Table 2-4, which details the impacts to vernal pool habitat (including number of basins and total acreage), impacts to Covered Species, and associated mitigation activities.

<sup>&</sup>lt;sup>3</sup>Source: http://www.wrh.noaa.gov/sgx/obs/rtp/rtpmap.php?wfo=sgx

#### Table 2-4. 2020 Take Summary

Vernal Pool Complex	Management	Project	Mitigation	Acreage of	Proposed	Recorded Presence/Absence of Focal Species within Impacted Vernal Pools								
Name and Pool ID	Responsibility	Name	Type <sup>1</sup>	Impacted Pools <sup>2</sup>	mpacted Mitigation <sup>2</sup>	PONU	POAB	NAFO	ERAR	ORCA	RSF	SDFS		
Rhodes Cross	ings		•		L									
581	Private	Merge 56	CR								$\checkmark$			
582	Private	Merge 56	CR								$\checkmark$			
272	Private	Merge 56	CR								$\checkmark$			
273	Private	Merge 56	CR	0.042	0.196						$\checkmark$			
1527	Private	Merge 56	CR	0.042	0.190						$\checkmark$			
2093	Private	Merge 56	CR								$\checkmark$			
2094	Private	Merge 56	CR								$\checkmark$			
2086	Private	Merge 56	CR	1										
		TOTAL	ACREAGE:	0.042	0.196	0	0	0	0	0	7 basins	0		
	TOTAL NUMBER OF IMACPTED BASINS:			8										

<sup>1</sup>Mitigation type is pulled from associated Vernal Pool Mitigation Plans. Abbreviations are defined as follows: CR = Vernal Pool Creation; EN = Enhancement; RE = Restoration.

<sup>2</sup>Acreages of impacts and proposed mitigation are derived from site-specific mitigation plan.

During the reporting period, the Merge 56 Development Project Conceptual Vernal Pool Mitigation Plan (Alden 2019) was received for review by the City. The Merge 56 Development Project impacts a privatelyowned vernal pool complex (Rhodes Crossings) and proposes mitigation off-site. Take and mitigation associated with the Merge 56 Development is detailed in Table 2-4. The City anticipates management and monitoring by the City in accordance with the VPHCP after successful establishment, approval, and acceptance of the mitigation effort.

# 3. VPHCP Funding

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

Fiscal year spend for VPHCP management and monitoring activities coinciding with this reporting period is detailed in Table 5-1. Table 5-2 identifies funding sources for Year 3 (2021) of VPHCP implementation. Funds for implementing the VPHCP program for City Department of Real Estate and Airport Management (DREAM), Parks and Recreation, and Planning Departments come from the General Fund, while the Public Utilities Department uses Enterprise Funds.

#### Table 5-1. Spend in Current Fiscal Year (2020)

City Department <sup>1</sup>	Estimated Expenditure						
City Department	City Staff	Contractor					
PUD	\$14,996.00	\$20,200.00					
P&R	\$144,189.93	\$65,500.00					
DREAM	\$6,000.00	\$6,939.38					
Planning	\$14,528.00	\$ -					
Total Estimated City-Wig	\$ 272.353.31						

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

#### Table 5-2. Funding Sources for Fiscal Year 2021

City Department <sup>1</sup>	Euroding Source <sup>3</sup>	Estimated Expenditure						
City Department <sup>1</sup>	Funding Source <sup>3</sup>	City Staff	Contractor					
PUD	EF	\$6,585.00	\$21,577.00					
P&R	GF	\$137,575.20	\$69,976.00					
DREAM <sup>2</sup>	GF	\$ -	tbd					
Planning	GF	tbd	tbd					
Total E	Total Estimated City-Wide Expenditures							

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

<sup>2</sup>City staff position (Bio III) is currently vacant.

<sup>3</sup>Funding acronyms defined as follows: EF = Enterprise Funds, GF = General Fund

The VPHCP identified funding for the vernal pool complexes known to the City at the time of VPHCP development. During 2020 monitoring, the City identified vernal pool basins and vernal pool complexes not originally covered under the VPHCP. The City anticipates additional funds will be needed to manage and monitor these instances under the VPHCP and will coordinate with the Wildlife Agencies to determine an appropriate timeline to accept and adopt new basins and complexes.

# 4. References

Alden 2019. Merge 56 Development Project Conceptual Vernal Pool Mitigation Plan. February

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

# 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

			٩	lumber of	Conserved	I Pools Occ	upied by F	ocal Specie	es		Evicting (Recoling)	VPHCP Required
Complex Series	Site Name	Planning Unit	PONU	POAB	NAFO	ERAR	ORCA	RFS	SDFS	Management Responsibility	Existing (Baseline) Management & Monitoring Level	Management & Monitoring Level in VPMMP
B 5	Tierra Alta	North	0	0	0	0	0	0	1	Private	Level 1/SSMP	Level 1
B 6	Lopez Ridge (CDFW) Crescent Heights	North	0	1	0	0	0	0	0	CDFW	Level 1	Level 1
B 7-8	Lopez Ridge (City)	North North	0	10	0	0	0	0	1	City City	Level 1/SSMP Level 1	Level 1 Level 1
B 11	Mesa Norte	North	0	12	0	10	0	0	24	Private	Level 1/SSMP	Level 1
C 10-16	Winterwood	North	0	27	0	7	0	0	2	School District	SSRP	N/A
C 17-18	Fieldstone	North	0	8	0	0	0	0	0	Private	None	None <sub>2</sub>
C 27	Mira Mesa Market Carroll Canyon	North North	0	1 42	0	0 65	0	0	1	Private City	None Level 1/SSRP <sub>3</sub>	None Level 1
D 5-8	Parkdale Carroll Canyon	North	0	0	0	0	0	0	0	City	Level 1/SSRP <sub>3</sub>	Level 1
	MCAS Miramar	North	0	0	0	0	0	0	0	Federal	N/A	N/A
F 16-17	Menio KM Parcel	Central	0	0	0	0	0	0	0	Private	None	Level 3
	Menlo KM Parcel Del Mar Mesa (City)	Central North	0	0	0	0 49	0	0	0 8	State City	N/A Level 1	N/A Level 1
H 1-10, 13-	Del Mar Mesa (County)	North	0	2	0	12	0	0	0	County	None	N/A
15,18-23, 24-	Del Mar Mesa (Private)	North	0	0	0	2	0	0	1	Private	None	Level 11
26	Del Mar Mesa	North	0	0	1	2	0	0	1	State	None	N/A
	Del Mar Mesa Rhodes	North North	0	56 7	0	122 6	0	0	16 8	CDFW/USFWS Private	Level 1 SSRP3	Level 1 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	North	0	0	0	2	0	0	0	Private	None	None <sub>2</sub>
	SDG&E Substation	North	0	0	0	4	0	0	0	Federal	N/A	N/A
H 38 H 39	Carmel Mountain Greystone Torrey	North North	0	0	0	0	0	0	2	City City	SSRP Level 1/SSMP	Level 1 Level 1
H 39	Arjons	North	0	22	0	15	0	0	1	Private	None	None <sub>2</sub>
16 B	Ford Leasing (Bob	North	0	7	0	0	0	0	3	Private	None	None <sub>2</sub>
16 C	Facilities Development	North	0	11	0	2	0	0	6	Private	None	None <sub>2</sub>
I 12	Pueblo Lands (South)	North	0	0	0 79	0	0	0	2	City	Level 1	Level 1
J 2	Cal Terraces (North), Clayton Parcel	South South	286 0	0	/9 0	275 1	52 0	93 0	209 2	City City	Level 1 Level 1	Level 1* Level 1
52	St. Jerome's	South	0	0	0	0	0	3	1	Private	None	Level 31
J3	J3	South	0	0	0	0	0	0	0	State	None	N/A
J 4-5	California Crossing Robinbood Ridge	South	0	0	0	0	0	0	5 41	Private	None	N/A
J 11 E	Slump Block Pools	South South	19 0	0	4	46 0	0	6 0	0	City Private	Level 1 None	Level 2 Level 2 <sub>1</sub>
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	0	Private	None	Level 31
J 13 N	South Otay 1 acre (City) Bachman	South South	0	0	1	1	1	0	0	City Private	None None	Level 3 Level 31
J 13 S	South Otay J 13 S	South	0	0	0	7	0	0	0	Private	None	Level 31
	Anderprises (Caltrans)	South	1	0	1	0	0	3	4	State	SSRP	N/A
	Anderprises (City)	South	0	0	0	0	0	0	0	City	Level 1	Level 1
J 14	Bachman Brown Field Basins	South South	0	0	0	0	0	0	0	Private City/Airports	None None	Level 31 None
	Cal Terraces (South)	South	63	0	6	55	5	26	32	City	SSRP	Level 1*
	Handler	South	0	0	0	0	0	0	0	Private	Level 1/SSMP	Level 31
J 15	Arnie's Point	South	15	0	10	61	3	30	56	Federal	SSMP	N/A
	Goat Mesa (City) Goat Mesa (Federal)	South South	0	0	0	4 0	0	1	0	City Federal	Level 1 None	Level 1* None
J 16-18	Goat Mesa (Private)	South	0	0	0	0	0	0	0	Private	None	Level 11
	Wruck Canyon	South	0	0	0	0	0	0	0	City	Level 1	Level 1*
J 20-21	La Media ITS	South	0	0	0	0	0	0	6	Private	None	Level 31
J 21 J 27	La Media Swale South	South	0	0	0	0	0	0	0	Private	None	Level 31
J 28 E	Empire Center La Media Swale North	South South	0	0	0	0	0	0	0	Private Private	None None	None <sub>2</sub> Level 3 <sub>1</sub>
J 29	Lonestar W (Caltrans)	South	0	0	0	7	0	1	4	State	SSMP	N/A 4
J 30	Lonestar E (Caltrans)	South	0	0	0	0	0	35	50	State	SSMP	N/A 4
	Lonestar E (Private)	South	1 0	0	0	32 0	0	0 10	0	Private (County)	SSMP SSMP	Level 1
J 31	Dennery West Hidden Trails	South South	0	0	0	0	0	0	38	State City	Level 1	N/A Level 1
	West Otay A (Caltrans)	South	7	0	3	1	0	1	8	State	SSRP	N/A
J 32	West Otay A (CDFW)	South	1	0	0	2	0	0	0	CDFW	None	Level 1 <sub>1</sub>
	West Otay B	South	0	0	0	0	0	0	0	City	SSRP	Level 1
J 33	West Otay C Swootwater High	South South	0 5	0	0	1 2	0	0	0	City School District	Level 1 SSRP	Level 1 N/A
	Sweetwater High Bachman	South	5	0	3	0	0	3	8	Private	None	Level 31
J 34	Candlelight	South	0	0	0	0	0	1	1	Private	SSRP	Level 1
J 35	Brown Field	South	0	0	0	0	0	0	0	City	None	Level 1/SSRP
J 36 KK 1	Southview	South	0	0	0	0	0	0	8	Private	None	Level 31
KK I K 5	Lake Murray Otay Lakes	Central Central	0	0	2	0 46	0	0	6	Private Cornerstone Lands	None Level 1	None Level 1
KK 2	Pasatiempo	Central	0	0	0	0	0	0	0	City	Level 1	Level 1
MM 1	Marron Valley	South	0	0	0	0	0	0	5	Cornerstone Lands	SSRP	Level 1
N 1-4 N 5-6	Teledyne Ryan Montgomery Field	Central	0	1	0	0	0	0	11 24	Private City	None Level 1	Level 21 Level 1/SSRP
N 5-6 N 7	Serra Mesa Library	Central Central	0	0	0	0	0	0	24	City	Level 1	Level 1/SSRP
N 8	General Dynamics	Central	0	20	0	2	0	0	6	City	Level 1/SSMP	Level 1
NC	Li Collins	North	0	0	0	0	0	0	0	Private	None	None
	Kelton Salk Institute	South	0	0	0	0	0	0	0	City	None Level 1/SSMP	None
00	Salk Institute Mission Trails Regional	North Central	0	0	0	0	0	0	6	Private City	Level 1/SSMP Level 1	Level 1 Level 1
Q2	Mission Trails Regional	Central	0	0	0	0	0	0	0	School District	None 1	N/A
Q 3	Castlerock	North	0	0	0	0	0	0	0	Private	SSRP	Level 1
QQ	Tecolote Canyon	Central	0	0	0	0	0	0	0	City	None	None
	Proctor Valley SANDER	South Central	0	0	0	0	0	0	3	Cornerstone Lands City	Level 1	Level 1
R 1		Lentral	0		U				-	2.1.j		Level 21
U 15			0	1	0	2	0	0	6	Private	None	evel 1.
	Cubic Nobel Drive	Central North	0	1	0	2	0	0	6	Private City	None Level 1	Level 11 Level 1

SXPP= specific restoration plan SSMP=site-specific management plan or requirements 1= These sites may seek development entitlement in the future. During the development entitlement process, the City will ensure the project is consistent with the VPHCP, ESL, Biology Guidelines and required VPMMP Management Level. 2= As separate funding becomes available (e.g., grant funds) the City may work with the owner to implement additional recommended management as identified on the site specific VPMMP management

2 - As Separate following becomes available (e.g., grant londs) the City may work with the owner to implement auditorial recommended management as identified on the site specific virying management sheet. 3 - Restoration is currently in progress as part of a separate permit requirement (not required by the VPHCP). Following completion of restoration, the site will be managed at Level 1, consistent with the VPHCP.

4 If a Caltrans-owned complex is transferred to the City, CDFW, or USFWS, the site would be managed consistent with the VPHCP.
\* = The City and Wildlife Agencies will determine if Stewardship (Level 1), Enhancement (Level 2), or Restoration (Level 3) is necessary to achieve the species-specific conservation objectives based on a

\* - The City and Wildliffe 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. Orange Privately owned and managed under VPHCP (Ty 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. Blue Public and conserved. No management required and none recommended: not included on management sheet in VPMMP. Gray Private and conserved. No management required and none recommended: not included on management sheet in VPMMP. Private and conserved. No management required and none recommended: not included on management sheet in VPMMP. Not under City, CDFW or USFWS jurisdiction; not managed under the VPHCP. If a Caltrans-owned complex is transferred to the City, CDFW or USFWS, the site would be managed consistent with the VPHCP.

# Appendix B-1

### 2020 Vernal Pool Qualitative Monitoring and Management Datasheets

- 1. Calle de Vida
- 2. Seabird Way
- 3. Mission Trails Regional Park (Q2)
- 4. Montgomery Field (N5-6)
- 5. Pasatiempo (KK2)
- 6. Serra Mesa Library (N7)
- 7. Carmel Mountain (H38)
- 8. Carroll Canyon/Parkdale Carroll Canyon (D5-8)
- 9. Crescent Heights (B7-8)
- 10. Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)
- 11. Greystone Torrey Highlands (H39)
- 12. Lopez Ridge (B7-8)
- 13. Pueblo Lands (North and South)
- 14. Winterwood (C10-16)
- 15. Anderprises (J14)
- Cal Terraces (North), Otay Mesa Road Parcels (J2)
- 17. Clayton Parcel (J2)
- 18. Goat Mesa (J16-18)
- 19. Hidden Trails (J31)
- 20. Marron Valley (MM1)
- 21. Nobel Drive (X5)
- 22. Otay Lakes (K5)
- 23. Proctor Valley (R1)
- 24. West Otay B (J32)
- 25. West Otay C (J32)
- 26. Wruck Canyon (J16-18)
- 27. Robinhood Ridge (J4-5)
- 28. South Otay1 acre (J13N)
- 29. Tecolote Canyon (QQ)
- 30. Brown Field Basins (J14)
- 31. Kelton (NC)

<b>Year:</b> 2020		
Complex Name: Calle de Vida		
Planning Unit: Central	City or Other?	Managing Department:
VPHCP Required Management a	and Monitoring Level:	
Qualitative Monitoring Data		
	Start Time: 9:40 AM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no	Days Since La	Ist Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? Pl	resent	
New and Ongoing Issues Observ	ved During Visit:	
Trash: Ongoing		Tresspass/Unauthorized Use: Ongoing
Damage to Fences and	or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Poo	I: Ongoing	Damage from Edge Effects:
Invasive Species in Buff	er: Ongoing	Hydrological Impacts:
Other issues observed:		
Are other issues new o	r ongoing?	
Management Needs: Weed con Regular patrols recommended	trol, Restoration/Reveget	tation, Fence install, Sign install, Trash pickup, Grading/Recontouring,
Other Management Needs:		
Additional Management Action	s Recommended: Weed	management soon.
Natara Dattan adam maratin	leves stars al	
Notes: Button celery present in	largest pool.	
Visit Date: 3/18/2020 S	Start Time: 12:05 PM	
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes	Days Since La	est Rain: 0 Fairy Shrimp Visible: Absent
Listed Plants Visible? Pl		
New and Ongoing Issues Observ	ved During Visit:	
Trash: New	<u> </u>	Tresspass/Unauthorized Use:
Damage to Fences and	/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Poo	-	Damage from Edge Effects:
Invasive Species in Buff	0 0	Hydrological Impacts:
Other issues observed:		
Are other issues new o		
		ation/Revegetation, Regular patrols recommended
Other Management Needs:		
Additional Management Action	s Recommended: Pickup	trash in pools.
Notoci		
Notes:		

Year: 2020 Complex Name: Calle de Vida Visit Date: 5/13/2020 Start Time: 5:00 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: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Fence install, Sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Weed management 5/14/20 Notes: Management Actions Compeleted Visit Date: 5/14/2020 Start Time: 7:00 AM Surveyors: Moises Vasquez Action(s) Completed: Weedcontrol Notes: City staff and Contracted crew performed weed control.

ear: 2020 omplex Name: Seabird Way lanning Unit: South City or Other?	
. ,	
lanning Unit: South City or Other?	
• ·	Managing Department:
PHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
/isit Date:         3/25/2020         Start Time:         3:56 PM	
urveyors: Jason Allen	
ite Conditions:	
Ponded Water: yes Days Since La	st Rain: 0 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/Reveget recommended	tation, Fence install, Sign install, Trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
laker.	
Notes:	
/isit Date: 5/18/2020 Start Time: 10:00 AM	
Surveyors: Jason Allen	
ite Conditions:	
	Ist 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, Fence install, Sign install	stall, Trash pickup, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recommended: Trash p	pickup
Notes: Picked up some trash.	

Year: 2020	······································							
<b>Complex Name:</b> Mission Trails Regional Park (Q2)								
Planning Unit: Central City or Other? City	Managing Department: Parks & Recreation							
VPHCP Required Management and Monitoring Level: Le	Vel 1							
Qualitative Monitoring Data								
Visit Date:         2/14/2020         Start Time:         10:35 AM								
Surveyors: Jason Allen								
Site Conditions:								
	ast 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: Weed control, Restoration/Reveger	tation, Fence repair, Regular patrols recommended							
Notes: Dittrichia graveolens weed biomass observed in p	ool 408 on Rim trail.							
Visit Date: 4/8/2020     Start Time: 5:25 PM								
Surveyors: Jason Allen								
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/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?								
	mmended, Sign install							
Are other issues new or ongoing?	mmended, Sign install							
Are other issues new or ongoing? Management Needs: Weed control, Regular patrols reco Other Management Needs:	mmended, Sign install							
Are other issues new or ongoing? Management Needs: Weed control, Regular patrols reco	mmended, Sign install							
Are other issues new or ongoing? Management Needs: Weed control, Regular patrols reco Other Management Needs:	mmended, Sign install							

Year: 2020

Complex Name: Mission Trails Regional F	ark (Q2)
Visit Date: 4/23/2020 Start Time	: 2:17 PM
Surveyors: MBerninger	
Site Conditions:	
Ponded Water: yes	Days Since Last Rain: 6-15Fairy Shrimp Visible: Absent
Listed Plants Visible? Absent	
New and Ongoing Issues Observed Durin	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: Restoration/Reveg	tation
Other Management Needs:	
Additional Management Actions Recom	nended:
-	und edges. Lots of tadpoles, unknown species , coming up to the surface quickly to gulp ound the edges of the pool when I arrived.

Year: 2020	
Complex Name: Montgomery Field (N5-6)	
Planning Unit: Central City or Other? City	Managing Department: Airports
VPHCP Required Management and Monitoring Level: Lev	/el 1
Qualitative Monitoring Data	
Visit Date:         1/31/2020         Start Time:         8:28 AM	
Surveyors: Cindy Dunn	
Site Conditions:	
Ponded Water: yes Days Since Las	st Rain: 6-15 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	
Other Management Needs:	
Additional Management Actions Recommended: Stinkwo	ort and crown daisy control throughout the year.
Notes:	
Visit Date: 3/4/2020 Start Time: 12:14 PM	
Surveyors: Cindy Dunn	
Site Conditions:	
Ponded Water: no Days Since Las	st Rain: 1-5 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit: Trash: New	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing Other issues observed:	Hydrological Impacts:
Are other issues new or ongoing? Management Needs: Weed control, Trash pickup	
wanagement weeus. weeu control, frash pickup	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	

Year: 2020

Complex Name: Montgomery Field (N5-6)

Management Actions Com	eleted	
Visit Date: 11/12/2019	Start Time: 8:00 AM	
Surveyors: Cindy Dunn		
Action(s) Completed: Wee	lcontrol	
Notes:		
Visit Date: 3/4/2020	Start Time: 12:20 PM	
Surveyors: Cindy Dunn		
Action(s) Completed: Trash	pickup	
Notes:		

Year: 2020         Complex Name: Pasatiempo (KK2)         Planning Unit: Central       City or Other? City       Managing Department: Parks & Recreation         VPHCP Required Management and Monitoring Level: Level 1         Qualitative Monitoring Data         Visit Date: 2/27/2020       Start Time: 2:25 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: 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?
Planning Unit: Central       City or Other? City       Managing Department: Parks & Recreation         VPHCP Required Management and Monitoring Level: Level 1       Image: Central of Central
VPHCP Required Management and Monitoring Level: Level 1          Qualitative Monitoring Data         Visit Date: 2/27/2020       Start Time: 2:25 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: Ongoing         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?
Qualitative Monitoring Data         Visit Date: 2/27/2020       Start Time: 2:25 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: 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?
Visit Date: 2/27/2020       Start Time: 2:25 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: 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?
Surveyors: Jason Allen          Site Conditions:         Ponded Water: no       Days Since Last Rain: 1-5       Fairy Shrimp Visible:         Listed Plants Visible? Absent         New and Ongoing Issues Observed During Visit:         Trash: Ongoing       Tresspass/Unauthorized Use: Ongoing         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: Ongoing       Damage from Edge Effects:         Invasive Species in Buffer: Ongoing       Hydrological Impacts:         Other issues observed:       Ker other issues new or ongoing?
Site Conditions:       Ponded Water: no       Days Since Last Rain: 1-5       Fairy Shrimp Visible:         Listed Plants Visible? Absent       Listed Plants Visible? Absent       Fairy Shrimp Visible:         New and Ongoing Issues Observed During Visit:       Tresspass/Unauthorized Use: Ongoing         Trash: 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?
Ponded Water: noDays Since Last Rain: 1-5Fairy Shrimp Visible:Listed Plants Visible? AbsentNew and Ongoing Issues Observed During Visit:Trash: OngoingTresspass/Unauthorized Use: OngoingDamage 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?
Listed Plants Visible? AbsentNew and Ongoing Issues Observed During Visit:Trash: OngoingTrash: OngoingDamage to Fences and/or Signs:Invasive Species in Pool: OngoingInvasive Species in Buffer: OngoingOther issues observed:Are other issues new or ongoing?
New and Ongoing Issues Observed During Visit:         Trash: Ongoing       Tresspass/Unauthorized Use: Ongoing         Damage to Fences and/or Signs:       Fire or Damage from Fire Supression:         Invasive Species in Pool: Ongoing       Damage from Edge Effects:         Invasive Species in Buffer: Ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?
Trash: OngoingTresspass/Unauthorized Use: OngoingDamage 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?
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?
Invasive Species in Pool: OngoingDamage from Edge Effects:Invasive Species in Buffer: OngoingHydrological Impacts:Other issues observed:Are other issues new or ongoing?
Invasive Species in Buffer: Ongoing       Hydrological Impacts:         Other issues observed:       Are other issues new or ongoing?
Other issues observed: Are other issues new or ongoing?
Are other issues new or ongoing?
Management Needs: Weed control, Restoration/Revegetation, Fence install, Sign install, Dump cleanup, Regular patrols recommended
Other Management Needs:
Additional Management Actions Recommended:
Notes: Old dumped concrete in pools.
Visit Date: 3/18/2020         Start Time: 10:50 AM
Surveyors: Jason Allen
Site Conditions:
Ponded Water: yesDays Since Last Rain: 0Fairy 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: Fence install, Sign install, Regular patrols recommended, Weed control
Other Management Needs:
Additional Management Actions Recommended:
Notes:

Year: 2020 Complex Name: Pasatiempo (KK2) Visit Date: 5/11/2020 Start Time: 9:29 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Fence install, Sign install, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes: Visit Date: 5/20/2020 Start Time: 9:28 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Hydrological Impacts: Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Regular patrols recommended, Fence install, Sign install **Other Management Needs:** Additional Management Actions Recommended: Notes:

Year: 2020

Complex Name: Pasatiempo (KK2)

Management Actions Com	npeleted	
Visit Date: 2/27/2020	Start Time: 2:27 PM	
Surveyors: Jason Allen		
Action(s) Completed: Wee	edcontrol	
Notes:		
Visit Date: 5/5/2020	Start Time: 7:00 AM	
Surveyors: Moises Vasque	22	
Action(s) Completed: Wee	edcontrol	
Notes: City staff and Contr	racted crew performed weed control.	

<b>Year:</b> 2020		
Complex Name: Serra Mesa Library (N7	)	
Planning Unit: Central City or	Other? City Managin	g Department: Parks & Recreation
VPHCP Required Management and Mor	nitoring Level: Level 1	
Qualitative Monitoring Data		
Visit Date: 3/24/2020 Start Tim	ne: 8:42 AM	
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 Dur	ing Visit:	
Trash: Ongoing	Tresspass/Un	nauthorized Use:
Damage to Fences and/or Sign	s: Fire or Dama	ge from Fire Supression:
Invasive Species in Pool: Ongoi	ng Damage from	n Edge Effects:
Invasive Species in Buffer: Ong	oing Hydrological	Impacts:
Other issues observed:		
Are other issues new or ongoin	ıg?	
Management Needs: Weed control, Tra	sh pickup, Regular patrols recomme	ended, Restoration/Revegetation
Other Management Needs:		
Additional Management Actions Recon	nmended: Previous weed control w	vorking, but could use additional.
Notes: Pool 726 has SD fairy shrimp in s	mall puddle.	
Management Actions Compeleted		
	ne: 9:00 AM	
Surveyors: Jason Allen, Moises Vasquez		
Action(s) Completed: Weedcontrol		
Notes:		
Visit Date: 4/16/2020 Start Tim	ne: 7:00 PM	
Surveyors: Moises Vasquez		
Action(s) Completed: Weedcontrol		
Notes: City staff and Contracted crew po	erforming weed control.	

Year: 2020				
Complex Name: Carmel Mount	tain (H38)			
Planning Unit: North	City or Other? City	Managing I	Department: Parks & Recreation	
VPHCP Required Management	and Monitoring Level: Leve	1		
Qualitative Monitoring Data				
Visit Date: 4/7/2020	Start Time: 12:38 PM			
Surveyors: Jason Allen				
Site Conditions:				
Ponded Water: yes	Days Since Last	Rain: 0	Fairy Shrimp Visible: Absent	
Listed Plants Visible?				
New and Ongoing Issues Obse	rved During Visit:			
Trash:		Tresspass/Unau	thorized Use:	
Damage to Fences and	d/or Signs:	Fire or Damage	from Fire Supression:	
Invasive Species in Po	ol: Ongoing	Damage from E	dge Effects:	
Invasive Species in Bur	ffer: Ongoing	Hydrological Im	pacts:	
Other issues observed	l:			
Are other issues new o	or ongoing?			
Management Needs:				
Other Management Needs:				
Additional Management Actio	ons Recommended:			
Notes:				
Management Actions Compele	ated			
	Start Time: 4:21 PM			
Surveyors: Jason Allen, Paula B				
Action(s) Completed: Weedcor				
Notes: E bags of woods				

Notes: 5 bags of weeds

Year: 2020 Complex Name: Carroll Canyon/Parkdale Ca	
Complex Name: Carroll Canyon/Parkdale Ca	
· ·	irroll Canyon (D5-8)
Planning Unit: North City or Othe	er? City Managing Department: Parks & Recreation
VPHCP Required Management and Monitor	ing Level: Level 1
Qualitative Monitoring Data	
Visit Date: 3/24/2020 Start Time: 1	1:50 AM
Surveyors: Jason Allen	
Site Conditions:	
	Days Since Last Rain: 1-5 Fairy Shrimp Visible: Present
Listed Plants Visible? Present	
New and Ongoing Issues Observed During V	∕isit:
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control. Restora	ation/Revegetation, Regular patrols recommended
Notes: Pool 1926 & 1928 has SD fairy shrimp	o and tadpoles.
Visit Date: 4/27/2020 Start Time: 1	1:23 AM
Visit Date: 4/27/2020 Start Time: 1 Surveyors: Sara Allen	1:23 AM
Surveyors: Sara Allen	1:23 AM
Surveyors: Sara Allen Site Conditions:	
Surveyors: Sara Allen Site Conditions:	1:23 AM         Days Since Last Rain: 6-15         Fairy Shrimp Visible: Present
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present
Surveyors: Sara Allen <u>Site Conditions:</u> Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present <u>Visit:</u> Tresspass/Unauthorized Use:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs:	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V 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?	Days Since Last Rain: 6-15       Fairy Shrimp Visible: Present         Visit:       Tresspass/Unauthorized Use:         Fire or Damage from Fire Supression:       Damage from Edge Effects:         Hydrological Impacts:       Hydrological Impacts:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash p	Days Since Last Rain: 6-15       Fairy Shrimp Visible: Present         Visit:       Tresspass/Unauthorized Use:         Fire or Damage from Fire Supression:       Damage from Edge Effects:         Hydrological Impacts:       Hydrological Impacts:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash p Other Management Needs:	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present   Visit: Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Surveyors: Sara Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During V Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash p	Days Since Last Rain: 6-15 Fairy Shrimp Visible: Present   Visit: Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

#### Year: 2020

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

#### Management Actions Compeleted

Visit Date: 4/28/2020 Start Time: 12:44 PM

Surveyors: MBERNINGER

Action(s) Completed: Add replace lock

Notes: Lot of spadefoot larva in road pool on eastern portion of site

Complex Name: Crescent Heights (B7-8)		
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Le		
Qualitative Monitoring Data Visit Date: 4/7/2020 Start Time: 10:55 AM		
Visit Date: 4/7/2020Start Time: 10:55 AMSurveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Since L	.ast Rain: 0Fairy Shrimp Visible: Absent	
Listed Plants Visible? Absent		
New and Ongoing Issues Observed During Visit:	_ // // // //	
Trash:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Restoration/Revege	etation, Regular patrols recommended	
Other Management Needs:		
Additional Management Actions Recommended:		
Additional Management Actions Recommended:		
Additional Management Actions Recommended: Notes: Two new pools mapped.		
Notes: Two new pools mapped.		
Notes: Two new pools mapped.Visit Date: 5/15/2020Start Time: 5:05 PM		
Notes: Two new pools mapped.Visit Date: 5/15/2020Start Time: 5:05 PMSurveyors: Jason Allen		
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions:		
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L	.ast Rain: 1-5 Fairy Shrimp Visible:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen <u>Site Conditions:</u> Ponded Water: no Days Since L Listed Plants Visible? Absent	.ast Rain: 1-5 Fairy Shrimp Visible:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit:		
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash:	Tresspass/Unauthorized Use:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing?	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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, Sign install, Regular	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Notes: Two new pools mapped. Visit Date: 5/15/2020 Start Time: 5:05 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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 Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Sign install, Regular	Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Planning Unit: North City or O	ther? City Managing Department: Parks & Recreation
/PHCP Required Management and Monit	
Qualitative Monitoring Data	
Visit Date: 2/6/2020 Start Time:	: 11:15 AM
Surveyors: Cheryl Jenkins	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During	g 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:	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing	?
Other Management Needs: Additional Management Actions Recomm	
Management Needs: Fence repair, Sign re Other Management Needs: Additional Management Actions Recomn Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time:	nended:
Other Management Needs: Additional Management Actions Recomn Notes: Bike trail through pools	nended:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Times	nended:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen	nended:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: 1	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: 4 Invasive Species in Pool: Ongoing	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: C Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: C Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: hg Hydrological Impacts:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: G Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: ng Hydrological Impacts:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During 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	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: hg Hydrological Impacts:
Other Management Needs: Additional Management Actions Recomm Notes: Bike trail through pools Visit Date: 4/8/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: G Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing	nended: : 3:45 PM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent g Visit: Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: ng Hydrological Impacts:

Year: 2020

#### Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Visit Date: 4/17/2020 Start Time: 11:00 AM Surveyors: Cheryl Jenkins 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: Tresspass/Unauthorized Use: Ongoing Damage to Fences and/or Signs: Ongoing Fire or Damage from Fire Supression: **Invasive Species in Pool:** Damage from Edge Effects: **Invasive Species in Buffer: Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Fence repair, Sign install **Other Management Needs:** Additional Management Actions Recommended: Notes: Main access path now blocked by construction on adjacent lot and fencing. Had to find an alternative route. Visit Date: 5/14/2020 Start Time: 11:45 AM Surveyors: Cheryl Jenkins, Travis Whitney Site Conditions: Ponded Water: no **Days Since Last Rain:** $\geq 16$ Fairy Shrimp Visible: 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:** Damage from Edge Effects: **Invasive Species in Buffer: Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Sign install **Other Management Needs:** Additional Management Actions Recommended: Notes: Main access blocked by development. Found alternative path from NW. Plath steep and overgrown, used by mountain bikers.

Year: 2020

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26) Visit Date: 5/15/2020 Start Time: 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 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, Fence repair, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes:

Year: 2020	
<b>Complex Name:</b> Greystone Torrey Highlands (H39)	
Planning Unit: North City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level: Le	
Qualitative Monitoring Data	
Visit Date: 4/7/2020 Start Time: 4:05 PM	
Surveyors: Jason Allen	
Site Conditions: Ponded Water: yes Days Since La	ast 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	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	
Visit Date: 5/15/2020 Start Time: 4:06 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since La	ast Rain: 1-5 Fairy Shrimp Visible: Absent
Listed Plants Visible? Present	
<u>New and Ongoing Issues Observed During Visit:</u> Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Pool. Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Regular patrols reco	mmended
Other Management Needer	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	

Year: 2020

Complex Name: Greystone Torrey Highlands (H39)

#### Management Actions Compeleted

Visit Date: 4/21/2020 Start Time: 7:00 PM

Surveyors: Moises Vasquez

Action(s) Completed: Weedcontrol

Notes: City staff and Contracted crew performing weed control.

Year: 2020			
Complex Name: Lopez Ridg	e (B7-8)		
Planning Unit: North	City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Manageme	ent and Monitoring Level: Lev	vel 1	
Qualitative Monitoring Data	а		
Visit Date: 5/15/2020	Start Time: 5:11 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: no	Days Since La	ast Rain: 1-5 Fairy Shrimp Visible:	
Listed Plants Visibl	e? Present		
New and Ongoing Issues O	bserved 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 obser	ved:		
Are other issues ne	ew or ongoing?		
Management Needs: Weed	control, Regular patrols recor	mmended, Sign install	
Other Management Needs	•		
Additional Management A			
Notes: Stinkwort seedlings	near pool 706.		

<b>Year:</b> 2020	
Complex Name: Pueblo Lands (North and South)	
Planning Unit: North City or Other? City	Managing Department: Pubic Utilities
VPHCP Required Management and Monitoring Level: L	
Qualitative Monitoring Data	
Visit Date:         2/6/2020         Start Time:         1:08 PM	
Surveyors: Cheryl Jenkins	
Site Conditions:	
Ponded Water: no Days Since I	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	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	
Visit Date: 5/12/2020 Start Time: 11:00 AM	
Surveyors: Cheryl Jenkins	
Site Conditions:	
	Last Rain: $\geq 16$ Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control	
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	

Year: 2020

Complex Name: Pueblo Lands (North and South) Visit Date: 6/25/2020 Start Time: 8:33 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Dethatching **Other Management Needs:** Additional Management Actions Recommended: Notes:

<b>/ear:</b> 2020			
Complex Name: Winterwoo	od (C10-16)		
Planning Unit: North	City or Other? City	Managing	Department: Parks & Recreation
/PHCP Required Manageme	ent and Monitoring Level: Lev	vel 1	
Qualitative Monitoring Data	a		
Visit Date: 3/24/2020	Start Time: 3:54 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes	Days Since La	st Rain: 1-5	Fairy Shrimp Visible: Present
Listed Plants Visible	e? Absent		
New and Ongoing Issues Ol	oserved During Visit:		
Trash: Ongoing		Tresspass/Una	uthorized Use:
Damage to Fences	and/or Signs:	Fire or Damage	e from Fire Supression:
Invasive Species in	Pool: Ongoing	Damage from E	Edge Effects:
Invasive Species in	Buffer: Ongoing	Hydrological In	npacts:
Other issues observ	ved:		
Are other issues ne	ew or ongoing?		
Management Needs: Resto patrols recommended	ration/Revegetation, Weed co	ntrol, Fence install,	Sign install, Trash pickup, Dump cleanup, Regular
Other Management Needs	:		
-			

Complex Name: Anderprises (J14)	
Planning Unit: South City or Other? City	Managing Donartmont
VPHCP Required Management and Monitoring Level: Le	Managing Department:
Qualitative Monitoring Data	
Visit Date: 3/17/2020Start Time: 10:36 AMSurveyors: Jason Allen	
Site Conditions:	
Ponded Water: no Days Since L	ast Rain: 0 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?	
Wanagement Needs. Weed control, Restoration/Revege	etation, Trash pickup, Regular patrols recommended, Grading/Recontouring
	I management as time allows.
Notes:	
Visit Date: 6/30/2020         Start Time: 12:35 PM	
Visit Date: 6/30/2020         Start Time: 12:35 PM	
Visit Date: 6/30/2020       Start Time: 12:35 PM         Surveyors: Jason Allen       Site Conditions:	.ast Rain: 1-5 Fairy Shrimp Visible:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent	
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L	
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent	.ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs:	.ast Rain: 1-5 Fairy Shrimp Visible:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	.ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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	.ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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:	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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?	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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?	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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, Trash pickup, Resto	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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, Trash pickup, Resto	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Visit Date: 6/30/2020 Start Time: 12:35 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since L 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, Trash pickup, Resto	ast Rain: 1-5 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Planning Unit: South       City or Other? City         VPHCP Required Management and Monitoring Level: Level 1         Qualitative Monitoring Data         Visit Date: 2/26/2020         Start Time: 2:09 PM	Managing Department: Parks & Recreation
Qualitative Monitoring Data         Visit Date: 2/26/2020         Start Time: 2:09 PM	
Visit Date: 2/26/2020         Start Time: 2:09 PM	
Company taken Allen	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since Last Rair	n: 1-5 Fairy Shrimp Visible: Absent
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: Tr	esspass/Unauthorized Use:
Damage to Fences and/or Signs: Fin	re or Damage from Fire Supression:
Invasive Species in Pool: Ongoing Da	amage from Edge Effects:
Invasive Species in Buffer: Ongoing Hy	ydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Regular patrols recommend	ded, Trash pickup
-	
Other Management Needs: Additional Management Actions Recommended: Notes: Trash blown in from street.	
Additional Management Actions Recommended:Notes: Trash blown in from street.Visit Date: 3/3/2020Start Time: 12:26 PM	
Additional Management Actions Recommended:Notes: Trash blown in from street.Visit Date: 3/3/2020Start Time: 12:26 PMSurveyors: Jason Allen	
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions:	
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain	n: 1-5 Fairy Shrimp Visible: Absent
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present	n: 1-5 Fairy Shrimp Visible: Absent
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit:	
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr	esspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr Damage to Fences and/or Signs: Fin	esspass/Unauthorized Use: re or Damage from Fire Supression:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr Damage to Fences and/or Signs: Fin Invasive Species in Pool: Ongoing Da	esspass/Unauthorized Use:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr Damage to Fences and/or Signs: Fin Invasive Species in Pool: Ongoing Da	esspass/Unauthorized Use: re or Damage from Fire Supression: amage from Edge Effects:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr Damage to Fences and/or Signs: Fin Invasive Species in Pool: Ongoing Da Invasive Species in Buffer: Ongoing Hy	esspass/Unauthorized Use: re or Damage from Fire Supression: amage from Edge Effects:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Trr Damage to Fences and/or Signs: Fin Invasive Species in Pool: Ongoing Da Invasive Species in Buffer: Ongoing Hy Other issues observed: Are other issues new or ongoing?	esspass/Unauthorized Use: re or Damage from Fire Supression: amage from Edge Effects: ydrological Impacts:
Additional Management Actions Recommended: Notes: Trash blown in from street. Visit Date: 3/3/2020 Start Time: 12:26 PM Surveyors: Jason Allen Site Conditions: Ponded Water: yes Days Since Last Rain Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing Tr Damage to Fences and/or Signs: Fin Invasive Species in Pool: Ongoing Da Invasive Species in Buffer: Ongoing Hy Other issues observed:	esspass/Unauthorized Use: re or Damage from Fire Supression: amage from Edge Effects: ydrological Impacts:

/isit Date: 3/17/2020 Start Time: 3:57 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	<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: Weed control, Trash	pickup, Regular patrols recommended
Additional Management Actions Recomm	ended: Installation of 100 native plants soon.
Other Management Needs: Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen	
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time:	
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen	
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions:	11:51 AM
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent <u>Visit:</u>
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use:
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs:	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed:	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Additional Management Actions Recomm Notes: Visit Date: 3/17/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Ongoing Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed: Are other issues new or ongoing?	11:51 AM Days Since Last Rain: 0 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Visit Date: 5/6/2020 Start Time: 5:41 PM Su	urveyors: Jason Allen
Site Conditions:	
Ponded Water: yes	Days Since Last Rain: ≥16Fairy Shrimp Visible: Absent
Listed Plants Visible? Present	N/1-14
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: Ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	an a star la constant de la Circa Santa II
Management Needs: Weed control, Regula	ar patrols recommended, Sign install
Additional Management Actions Recomm	
Other Management Needs: Additional Management Actions Recomm Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen	der.
Additional Management Actions Recomm Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen	der.
Additional Management Actions Recommendation Notes: Add signs along Southern fence born Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions:	der. 4:04 PM
Additional Management Actions Recomm Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen	der.
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	der. 4:04 PM <b>Days Since Last Rain:</b> ≥16 <b>Fairy Shrimp Visible:</b> Absent
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present	der. 4:04 PM <b>Days Since Last Rain:</b> ≥16 <b>Fairy Shrimp Visible:</b> Absent
Additional Management Actions Recomm Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent <u>Visit:</u>
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash:	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use:
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Damage to Fences and/or Signs:	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent <u>Visit:</u> Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present New and Ongoing Issues Observed During Trash: Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent Visit: Visit: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present 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:	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:
Additional Management Actions Recomme Notes: Add signs along Southern fence bor Visit Date: 5/6/2020 Start Time: Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? Present 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?	der. 4:04 PM Days Since Last Rain: ≥16 Fairy Shrimp Visible: Absent Visit: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: g Hydrological Impacts:

<b>Year:</b> 2020			
Complex Name: Cal Terraces (North), Otay	Mesa Road Parcels (J2)		
Visit Date: 6/18/2020 Start Time: 1:47 PM	Surveyors: Jason Allen		
Site Conditions:			
Ponded Water: no	Days Since Last Rain: ≥16	Fairy Shrimp Visible:	
Listed Plants Visible? Present			
New and Ongoing Issues Observed During			
Trash: Ongoing	Tresspass/Unau		
Damage to Fences and/or Signs:	_	rom Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Ed	-	
Invasive Species in Buffer: Ongoin	g Hydrological Imp	acts:	
Other issues observed:			
Are other issues new or ongoing?			
Management Needs: Weed control, Trash	pickup, Regular patrols recommend	ed	
Other Management Needs:			
Additional Management Actions Recomm	ended:		
Notes: Dittrichia graveolens present			
Visit Date: 6/18/2020 Start Time:	10.20 01/		
Surveyors: Jason Allen	10.55 AW		
-			
Site Conditions:			
Ponded Water: no	<b>Days Since Last Rain:</b> ≥16	Fairy Shrimp Visible:	
Listed Plants Visible? Present	Minia.		
New and Ongoing Issues Observed During		herized lies.	
Treater Nour	Tresspass/Unau		
Trash: New	Fire or Demoged		
Damage to Fences and/or Signs:	•	rom Fire Supression:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing	Damage from Ed	rom Fire Supression: ge Effects:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin	Damage from Ed	rom Fire Supression: ge Effects:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed:	Damage from Ed g Hydrological Imp	rom Fire Supression: ge Effects:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed: Are other issues new or ongoing?	Damage from Ed g Hydrological Imp	rom Fire Supression: ge Effects: Pacts:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed: Are other issues new or ongoing?	Damage from Ed g Hydrological Imp	rom Fire Supression: ge Effects: Pacts:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed:	Damage from Ed g Hydrological Imp	rom Fire Supression: ge Effects: Pacts:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash	Damage from Ed g Hydrological Imp pickup, Regular patrols recommend	rom Fire Supression: ge Effects: Pacts:	
Damage to Fences and/or Signs: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoin Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Trash Other Management Needs:	Damage from Ed g Hydrological Imp pickup, Regular patrols recommend	rom Fire Supression: ge Effects: Pacts:	

Year: 2020

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

Management Actions Compele	ted
<u> </u>	Start Time: 12:23 PM
Surveyors: Jason Allen	
Action(s) Completed: Weedcor	ntrol
Notes:	
Visit Date: 3/3/2020	Start Time: 1:01 PM
Surveyors: Jason Allen	
Action(s) Completed: Weedcor	ntrol
Notes: Contracted crew perform	med weed control.
Visit Date: 4/1/2020	Start Time: 4:28 PM
Surveyors: Jason Allen	
Action(s) Completed: Weedcor	itrol,RestReveg,Trash pickup
Notes: City staff and Contracted	d crew performed weed control, plant installation of 100 plants and trash pickup
Visit Date: 4/23/2020	Start Time: 7:00 PM
Surveyors: Moises Vasquez	
Action(s) Completed: Weedcor	itrol
Notes: City staff and Contracted	d crew performing weed control.
Visit Date: 4/28/2020	Start Time: 7:00 AM
Surveyors: Moises Vasquez	
Action(s) Completed: Weedcor	itrol
Notes: City staff and Contracted	d crew performing weed control.
Visit Date: 4/30/2020	Start Time: 7:00 AM
Surveyors: Moises Vasquez	
Action(s) Completed: Weedcor	itrol
Notes: City staff and Contracted	d crew performing weed control.
Visit Date: 6/18/2020	Start Time: 2:29 PM
Surveyors: Jason Allen	
Action(s) Completed: Weedcor	itrol,Trash pickup
Notes: City staff performed tras	sh pickup and weed control.
Visit Date: 6/25/2020	Start Time: 8:16 AM
Surveyors: Jason Allen	
Action(s) Completed: Weedcor	itrol,Trash pickup
Notes: Contracted crew perform	ming weed control and trash pickup.

Year: 2020	
Complex Name: Clayton Parcel (J2)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring Data	
Visit Date:         2/26/2020         Start Time:         9:29 AM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Since	Last Rain: 1-5Fairy 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, Dethatching, Restor Recontouring pools, Regular patrols recommended	oration/Revegetation, Fence install, Sign install, Trash pickup, Dump cleanup,
Other Management Needs:	
Additional Management Actions Recommended: Fence	e installation happening soon.
Notes:	
<b>Visit Date:</b> 3/3/2020 <b>Start Time:</b> 11:44 AM	
Surveyors: Jason Allen	
Site Conditions:	
	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?	
0 0	getation, Fence install, Sign install, Dump cleanup, Trash pickup, Regular
patrols recommended, Grading/Recontouring	,, metan, metan,
Other Management Needs:	
Additional Management Actions Recommended: Fence	e installation soon.
Notes:	
Notes:	

Year: 2020 Complex Name: Clayton Parcel (J2) Visit Date: 3/17/2020 Start Time: 9:21 AM Surveyors: Jason Allen, Mark Berninger 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, Fence install, Trash pickup, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Contracted crew installed T post fence. Notes: Chaparal Lands Conservancy project coming along well. Start Time: 8:15 AM Visit Date: 4/22/2020 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: 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, Sign install **Other Management Needs:** Additional Management Actions Recommended: Weed control scheduled 4/24/20 Notes:

Year: 2020

<b>Complex Name:</b> Clayton Parcel (J2)		
Visit Date: 5/6/2020         Start Time: 3:13 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Since Las	t Rain: ≥16 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/Revegeta Grading/Recontouring, Regular patrols recommended	tion, Dethatching, Sign install, Fence install, Dump cleanup, Trash pickup,	
Other Management Needs:		
Additional Management Actions Recommended: Trash pi	ckup in May. Dethatching starting in mid May.	
N-A		
Notes:		
Visit Date: 5/18/2020 Start Time: 10:27 AM		
Surveyors: Jason Allen		
<u>Site Conditions:</u>		
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?		
Management Needs: Weed control, Restoration/Revegeta patrols recommended	tion, Sign install, Fence install, Dump cleanup, Trash pickup, Regular	
Other Management Needs:		
Additional Management Actions Recommended:		

Year: 2020

Complex Name: Clayton Parcel (J2)

Visit Date: 6/30/2020 Start Time:	3:11 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 1-5Fairy Shrimp Visible:
Listed Plants Visible? Present	
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: Weed control, Detha Grading/Recontouring, Regular patrols reco	tching, Restoration/Revegetation, Sign install, Fence install, Trash pickup, Dump cleanup, ommended
Other Management Needs:	
Additional Management Actions Recomm	ended:
Notes: CLC Restoration project doing well.	

Year: 2020

Complex Name: Clayton Parcel (J2)

• •	
Management Actions Com	peleted
Visit Date: 3/25/2020	Start Time: 10:56 AM
Surveyors: Jason Allen	
Action(s) Completed: Fence	e install
Notes:	
Visit Date: 4/1/2020	Start Time: 2:43 PM
Surveyors: Jason Allen	
Action(s) Completed: Fence	e install
Notes:	
Visit Date: 4/29/2020	Start Time: 11:06 AM
Surveyors: Jason Allen	
Action(s) Completed: Fence	e install,Weedcontrol
Notes: Contracted crew fin	ished installing Southern fence. City staff performed weed management
Visit Date: 5/5/2020	Start Time: 5:50 PM
Surveyors: Jason Allen	
Action(s) Completed: Kiosk	r installation
Notes:	
Visit Date: 5/13/2020	Start Time: 10:09 AM
Surveyors: Jason Allen	
Action(s) Completed: Dum	p cleanup,Trash pickup,Fencerepair
Notes: Checking on what tr	ash contracted crew had picked up.
Visit Date: 5/18/2020	Start Time: 10:31 AM
Surveyors: Jason Allen	
Action(s) Completed: Trash	n pickup
Notes: City staff performed	l trash pickup.
Visit Date: 6/18/2020	Start Time: 9:22 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	dcontrol,Dethatching
Notes: Contracted crew pe	rforming weed management.
Visit Date: 6/25/2020	Start Time: 8:14 AM
Surveyors: Jason Allen	
Action(s) Completed: Wee	dcontrol,Dethatching
Notes: Contracted crew pe	rforming weed whacking and dethatching.

<b>Year:</b> 2020		
Complex Name: Goat Mesa (J16-18)		
Planning Unit: South City or Other? City	Managing Department: Pubic Utilities	
VPHCP Required Management and Monitoring Level: L	Level 1	
Qualitative Monitoring Data		
Visit Date: 1/9/2020         Start Time: 10:45 AM		
Surveyors: Cheryl Jenkins, Travis Whitney		
Site Conditions:		
Ponded Water: yes Days Since I	Last Rain: 6-15 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: Ongoing	Fire or Damage from Fire Supression: Ongoing	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Dethatching, Fence	e repair	
-	tional monitoring occurring post-fire	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon		
Additional Management Actions Recommended: AdditNotes: Water samples taken to monitor pH and ammonVisit Date: 4/1/2020Start Time: 10:20 AM		
Additional Management Actions Recommended: Addit         Notes: Water samples taken to monitor pH and ammon         Visit Date: 4/1/2020       Start Time: 10:20 AM         Surveyors: Cheryl Jenkins		
Additional Management Actions Recommended: Addit         Notes: Water samples taken to monitor pH and ammon         Visit Date: 4/1/2020       Start Time: 10:20 AM         Surveyors: Cheryl Jenkins         Site Conditions:	nia levels in pools affected by fire and fire retardant	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I		
Additional Management Actions Recommended: Addit         Notes: Water samples taken to monitor pH and ammon         Visit Date: 4/1/2020       Start Time: 10:20 AM         Surveyors: Cheryl Jenkins         Site Conditions:         Ponded Water: yes       Days Since I         Listed Plants Visible? Present	nia levels in pools affected by fire and fire retardant	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit:	hia levels in pools affected by fire and fire retardant         Last Rain: 6-15         Fairy Shrimp Visible: Present	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash:	hia levels in pools affected by fire and fire retardant Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use:	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing	hia levels in pools affected by fire and fire retardant Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing Invasive Species in Pool: Ongoing	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects:	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing	hia levels in pools affected by fire and fire retardant Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects:	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing Invasive Species in Buffer: Ongoing Invasive Species in Buffer: Ongoing Other issues observed: Are other issues new or ongoing?	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects: Hydrological Impacts:	
Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: 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	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: 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, Fences	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects: Hydrological Impacts:	
Additional Management Actions Recommended: Addit Notes: Water samples taken to monitor pH and ammon Visit Date: 4/1/2020 Start Time: 10:20 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since I Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: 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	Last Rain: 6-15 Fairy Shrimp Visible: Present Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Ongoing Damage from Edge Effects: Hydrological Impacts:	

Year: 2020

Complex Name: Goat Mesa (J16-18)

Visit Date: 5/11/2020	Start Time: 9:30 AM			
Surveyors: Cheryl Jenkins				
Site Conditions:				
Ponded Water: no	Days Since Last	<b>Rain:</b> ≥16	Fairy Shrimp Visible:	
Listed Plants Visible?	Present			
New and Ongoing Issues Obse	rved During Visit:			
Trash:		Tresspass/Unau	uthorized Use:	
Damage to Fences and	d/or Signs: Ongoing	Fire or Damage	from Fire Supression:	
Invasive Species in Po	ol: Ongoing	Damage from Ec	dge Effects:	
Invasive Species in Bu	ffer: Ongoing	Hydrological Im	ipacts:	
Other issues observed	l:			
Are other issues new	or ongoing?			
Management Needs: Weed co	ntrol, Dethatching, Fence rep	air, Sign replacem	nent	
Other Management Needs:				
Additional Management Actio	ns Recommended: Maintena	nce contract in pr	rocess	
Notes: Post fire recovery doing	s well. Fire scar barely visible r	now. VP plant data	a collected today also.	

Year: 2020	
Complex Name: Hidden Trails (J31)	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation
VPHCP Required Management and Monitoring Level:	
Qualitative Monitoring DataVisit Date: 3/17/2020Start Time: 1:58 PM	
Surveyors: Jason Allen	
Site Conditions:	- Last Dates O
	e Last Rain: 0 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 Pool. Ongoing	Hydrological Impacts:
Other issues observed:	nyurologicai inipacts.
Are other issues new or ongoing?	
Management Needs: Weed control, Trash pickup, Reg	zular natrols recommended
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	
<b>Visit Date:</b> 5/6/2020 <b>Start Time:</b> 3:35 PM	
Surveyors: Jason Allen	
Site Conditions:	
	e Last Rain: ≥16 Fairy Shrimp Visible: Absent
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Regular patrols re	ecommended, Sign install
Other Management Needs:	
Additional Management Actions Recommended:	
Notes: Install sign at entrance off Angler Way on City	property.
<u> </u>	

Year: 2020 Complex Name: Hidden Trails (J31)

Visit Date: 5/18/2020 Start Time:	8:36 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	g 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: Ongoir	ng Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	2
Management Needs: Weed control, Sign i	nstall
Other Management Needs:	
Additional Management Actions Recomm	nended:
Notes:	

Year: 2020 Complex Name: Marron Valley (MM1)	
Complex Name: Marron Valley (MM1)	
-	
Planning Unit: South City or Other? City	Managing Department: Pubic Utilities
/PHCP Required Management and Monitoring Level: L	evel 1
Qualitative Monitoring Data	
Visit Date: 12/14/2019 Start Time: 9:50 AM	
Surveyors: Cheryl Jenkins, Mark Berninger	
Site Conditions:	
Ponded Water: yes Days Since L	.ast Rain: 6-15 Fairy Shrimp Visible: Present
Listed Plants Visible? Wrong_Time	
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	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Additional Management Actions Recommended: Fence Notes:	es around pools need to be repaired to keep cattle and vehicles out
Visit Date: 3/9/2020 Start Time: 9:45 AM	
Surveyors: ( hervi lenkins	
Site Conditions:	est Deine C. 15 Feire Shripen Visible: Dresont
Site Conditions: Ponded Water: yes Days Since L	.ast Rain: 6-15 Fairy Shrimp Visible: Present
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent	.ast Rain: 6-15 Fairy Shrimp Visible: Present
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit:	
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash:	Tresspass/Unauthorized Use: Ongoing
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression:
Site Conditions: Ponded Water: yes Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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, Fence repair, Sign in	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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, Fence repair, Sign in Other Management Needs:	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Damage to Fences and/or Signs: Ongoing Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing Other issues observed:	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:
Site Conditions: Ponded Water: yes Days Since L Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: 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, Fence repair, Sign in Other Management Needs:	Tresspass/Unauthorized Use: Ongoing Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:

Year: 2020 Complex Name: Marron Valley (MM1) Visit Date: 4/1/2020 Start Time: 12:45 PM Surveyors: Cheryl Jenkins, Travis Whitney 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: 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, Dethatching, Fence repair, Sign install **Other Management Needs:** Additional Management Actions Recommended: Signs or fencing needed around FS occupied road rut pools. Notes: Water in creek crossing too deep for vehicle, had to wade across on foot. Visit Date: 6/23/2020 Start Time: 10:00 AM Surveyors: Cheryl Jenkins, Travis Whitney Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: 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: 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, Sign install **Other Management Needs:** Additional Management Actions Recommended:

Notes: Creek crossing dry

Year: 2020			
Complex Name: Nobel Drive	e (X5)		
Planning Unit: South	City or Other? City	Manag	ging Department: Parks & Recreation
VPHCP Required Manageme	ent and Monitoring Level: Lev	vel 1	
Qualitative Monitoring Data	1		
Visit Date: 3/18/2020	Start Time: 3:29 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes	Days Since La	st Rain: 0	Fairy Shrimp Visible: Absent
Listed Plants Visible	? Absent		
New and Ongoing Issues Ob	oserved During Visit:		
Trash:		Tresspass/	Unauthorized Use:
Damage to Fences a	and/or Signs:	Fire or Dar	nage from Fire Supression:
Invasive Species in	Pool: Ongoing	Damage fr	om Edge Effects:
Invasive Species in Buffer: Ongoing		Hydrologic	al Impacts:
Other issues observ	ved:		
Are other issues ne	w or ongoing?		
Management Needs: Weed control, Regular patrols recommended			
Other Management Needs:			
Additional Management Actions Recommended:			
	tions necommended.		
Notes:			

Complex Name: Otay Lakes (KS) Planning Unit: South City or Other? City Managing Department: Pubic Utilities VPHCP Required Management and Monitoring Level: Level 1 Qualitative Monitoring Data Visit Date: 2/21/2020 Start Time: 10:30 AM Surveyor: Cheryl Jenkins 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 Buffer: Ongoing Hydrological Impacts: Other Issues new or ongoing? Management Needs: Additional Management Actions Recommended: Replace signs Notes: Pondig 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 Fire Supression: Notes: Ponding In road rut pools only; bullfrog tadpoles and froglets observed in road rut pools. Visit Date: 5/13/2020 Start Time: 9:30 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no Days Since Last Rain: ≥16 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage for Ences and/or Signs: Ongoing Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Pool: Ongoing Mydrological Impacts: Other Management Needs: Are other issues new or ongoing? Management Needs: Additional Management Actions Recommended: Additional Management Needs: Additional Management Needs: Additional Management Needs:	Year: 2020	
Planning Unit: South City or Other? City Managing Department: Public Utilities VPHCP Required Management and Monitoring Level: Level 1  Cualitative Monitoring Data Visit Date: 2/21/2020 Start Time: 10:30 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: yes Days Since Last Rain: 5-15 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 Buffer: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Hydrological Impacts: Other Issues observed: Ace other Issues new or ongoing? Management Needs: Notes: Ponding in road rut pools only: bullfrog tadpoles and froglets observed in road rut pools. Visit Date: 5/13/2020 Start Time: 9:30 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no Days Since Last Rain: ≥16 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Ongoing Fire or Damage from Edge Effects: Issue observed Issues observed Data Time: 9:30 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no Days Since Last Rain: ≥16 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Tresspass/Unauthorized Use: Damage to Fences and/or Signs: Ongoing Fire or Damage from Edge Effects: Invasive Species in Buffer: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing Hydrological Impacts: Other issues new or ongoing? Management Needs: Weed control, Sign replacement Other Management Needs:		
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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:		
Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Sign replacement Other Management Needs:		
Are other issues new or ongoing? Management Needs: Weed control, Sign replacement Other Management Needs:		Hydrological Impacts:
Management Needs: Weed control, Sign replacement Other Management Needs:		
Other Management Needs:		
	wanagement weeds: weed control, sign replacement	
Additional Management Actions Recommended:	Other Management Needs:	
Notes: Quantitative voice plant data collected on this day by consultants from Recon.	Notes: Quantitative voice plant data collected on this day b	by consultants from Recon.

Year: 2020 Complex Name: Otay Lakes (K5) Visit Date: 6/29/2020 Start Time: 2:53 PM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: 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:

Year: 2020		
Complex Name: Proctor Valley	v (P1)	
-		
Planning Unit: South	City or Other? City	Managing Department: Pubic Utilities
VPHCP Required Management	and Monitoring Level: Lev	/el 1
Qualitative Monitoring Data		
Visit Date: 1/31/2020	Start Time: 7:45 AM	
Surveyors: Cheryl Jenkins		
Site Conditions:		
Ponded Water: yes	Days Since Las	st Rain: 1-5 Fairy Shrimp Visible: Present
Listed Plants Visible?	Present	
New and Ongoing Issues Obse	erved During Visit:	
Trash:		Tresspass/Unauthorized Use:
Damage to Fences and	d/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Po	ol: Ongoing	Damage from Edge Effects:
Invasive Species in Bu	Iffer: Ongoing	Hydrological Impacts:
Other issues observed	:	
Are other issues new	or ongoing?	
Management Needs: Weed co	ontrol	
Other Management Needs:		
-	ons Recommended: Grant-fr	undedvernal pool restoration project recently started by the Chaparral
Conservancy		
Notes: Restoration ongoing		
Visit Date: 5/6/2020	Start Time: 10:05 AM	
Surveyors: Cheryl Jenkins	Start Hille. 10.05 AM	
Site Conditions:		
Ponded Water: yes	Days Since Las	<b>st Rain:</b> ≥16 <b>Fairy Shrimp Visible:</b> Present
Listed Plants Visible?		
New and Ongoing Issues Obse	erved During Visit:	- (1
Trash:		Tresspass/Unauthorized Use:
Damage to Fences and	-	Fire or Damage from Fire Supression:
Invasive Species in Po	0 0	Damage from Edge Effects:
Invasive Species in Bu		Hydrological Impacts:
Other issues observed		
Are other issues new		nickup Wood control
Management Needs: Gaterep	air, Sign replacement, Trash	pickup, weed control
Other Management Needs:		
Additional Management Actio	ons Recommended: Vernal r	pool restoration in progress
C C		
Notes: 2 two-striped garter sn need to be removed.	akes observed in pools west	t of road; gate to restoration area removed; signs shot up; old plant cages

Year: 2020

**Complex Name:** Proctor Valley (R1) Visit Date: 6/30/2020 Start Time: 11:00 AM Surveyors: Cheryl Jenkins Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: 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 **Other Management Needs:** Additional Management Actions Recommended: VP restoration in progress Notes: Gate repaired. Plant cages need to be removed.

Year: 2020			
Complex Name: West Otay B	(J32)		
Planning Unit: South	City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Managemen			
Qualitative Monitoring Data	0		
Visit Date: 3/17/2020	Start Time: 3:11 PM		
Surveyors: Jason Allen			
Site Conditions:			
Ponded Water: yes	Days Since Las	st Rain: 0 Fairy Shrimp Visible: Absent	
Listed Plants Visible?	Present		
New and Ongoing Issues Obs	erved During Visit:		
Trash:		Tresspass/Unauthorized Use:	
Damage to Fences an	nd/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Po	ool: Ongoing	Damage from Edge Effects:	
Invasive Species in Bu	uffer: Ongoing	Hydrological Impacts:	
Other issues observe	d:		
Are other issues new	or ongoing?		
Management Needs: Weed co	ontrol, Regular patrols recon	nmended	
Other Management Needs:	-		
-	ons Recommended: Dittrich	ia graveolens control needed asap.	
-	ons Recommended: Dittrich	ia graveolens control needed asap.	
Additional Management Action		ia graveolens control needed asap.	
Additional Management Action Notes:	ons Recommended: Dittrich Start Time: 10:44 AM	ia graveolens control needed asap.	
Additional Management Action Notes:		ia graveolens control needed asap.	
Additional Management Action Notes:		ia graveolens control needed asap.	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen			
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions:	Start Time: 10:44 AM Days Since Las		
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible?	Start Time: 10:44 AM Days Since Las Present		
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible?	Start Time: 10:44 AM Days Since Las Present		
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Obse	Start Time: 10:44 AM Days Since Las Present erved During Visit:	st Rain: 0 Fairy Shrimp Visible:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Obse Trash: Ongoing	Start Time: 10:44 AM Days Since Las Present erved During Visit: nd/or Signs:	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Obse Trash: Ongoing Damage to Fences an	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: pol: Ongoing	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Obse Trash: Ongoing Damage to Fences an Invasive Species in Po	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: pol: Ongoing uffer: Ongoing	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Obse Trash: Ongoing Damage to Fences an Invasive Species in Pool	Start Time: 10:44 AM Days Since Las Present erved During Visit: nd/or Signs: pol: Ongoing uffer: Ongoing d:	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Observe Trash: Ongoing Damage to Fences an Invasive Species in Bu Other issues observe Are other issues new	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: bol: Ongoing uffer: Ongoing d: o or ongoing?	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Observe Trash: Ongoing Damage to Fences an Invasive Species in Bu Other issues observe Are other issues new	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: bol: Ongoing uffer: Ongoing d: o or ongoing?	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Observe Trash: Ongoing Damage to Fences an Invasive Species in Po Invasive Species in Po Other issues observe Are other issues new Management Needs: Weed co	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: pol: Ongoing uffer: Ongoing d: or ongoing? ontrol, Dump cleanup, Trash	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	
Additional Management Action Notes: Visit Date: 5/13/2020 Surveyors: Jason Allen Site Conditions: Ponded Water: yes Listed Plants Visible? New and Ongoing Issues Observes Trash: Ongoing Damage to Fences and Invasive Species in Pool Invasive Species in Pool Invasive Species in Boo Other issues observes Are other issues new Management Needs: Weed coord	Start Time: 10:44 AM Days Since Las Present erved During Visit: ad/or Signs: pol: Ongoing uffer: Ongoing d: or ongoing? ontrol, Dump cleanup, Trash	st Rain: 0 Fairy Shrimp Visible: Tresspass/Unauthorized Use: Fire or Damage from Fire Supression: Damage from Edge Effects: Hydrological Impacts:	

Year: 2020

Complex Name: West Otay B (J32)

#### Management Actions Compeleted

Visit Date: 4/14/2020 Start Time: 7:00 AM

Surveyors: Moises Vasquez

Action(s) Completed: Weedcontrol

Notes: City staff and Contracted crew performing weed control.

<b>Year:</b> 2020	
Complex Name: West Otay C (J32)	
Planning Unit: South City or Otl	
VPHCP Required Management and Monito	ring Level: Level 1
Qualitative Monitoring Data	
Visit Date: 3/17/2020 Start Time:	3:16 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes	Days Since Last Rain: 0Fairy Shrimp Visible: Absent
Listed Plants Visible? Present	
New and Ongoing Issues Observed During	<u>Visit:</u>
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Regula	ar patrols recommended
Other Management Needs:	ended. Dittrichia gravoalans control noodad acan
Additional Management Actions Recomme	ended: Dittrichia graveolens control needed asap.
Notes:	
Visit Date: 5/13/2020 Start Time:	10:06 AM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: 0Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During	<u>Visit:</u>
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Restoration/Revegetation, Fence install, Sign install, Regular patrols recommended, Grading/Recontouring	
Other Management Needs:	
Additional Management Actions Recomme	ended:
Notes:	

Year: 2020		
Complex Name: Wruck Canyon (J16-18)		
Planning Unit:         South         City or Other?         City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Lev	rel 1	
Qualitative Monitoring Data		
Visit Date:         3/25/2020         Start Time:         12:59 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since Las	st Rain: 0 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?		
<b>Management Needs:</b> Weed control, Restoration/Revegeta recommended	ation, Fence install, Sign install, Trash pickup, Regular patrols	
Other Management Needs:		
Additional Management Actions Recommended:		
Notes:		
Notes.		
Visit Date: 5/27/2020         Start Time: 10:38 AM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: no Days Since Las	st Rain: 6-15 Fairy Shrimp Visible:	
Listed Plants Visible? Absent		
New and Ongoing Issues Observed During Visit:		
Trash: Ongoing	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Restoration/Revegetation, Sign install, Fence install, Dump cleanup, Trash pickup, Regular		
patrols recommended, Grading/Recontouring		
Other Management Needs:		
Additional Management Actions Recommended:		
Notes:		

Year: 2020

Complex Name: Wruck Canyon (J16-18) Visit Date: 6/30/2020 Start Time: 2:33 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Fence install, Sign install, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes:

<b>Year:</b> 2020	
Complex Name: Robinhood Ridge (J4-5)	
Planning Unit: South City or Other? City	y Managing Department: Parks & Recreation
/PHCP Required Management and Monitoring Lev	el: Level 2
Qualitative Monitoring Data	
Visit Date: 7/10/2019 Start Time: 6:30 PM	
Surveyors: Jason Allen, Diana Brand, Jessie Lane	
Site Conditions:	
Ponded Water: no Days Si	nce Last Rain: >16 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
	Restoration/Revegetation, Trash pickup, Regular patrols recommended, Sign
install	
Other Management Needs:	
Additional Management Actions Recommended: \	
Notes: West pools no maintenance done yet. Need	ls weed whacking.
Visit Date: 3/17/2020         Start Time: 5:21 PM	
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: yes Days Si	nce 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, Regular patrol	s recommended, Restoration/Revegetation
Other Management Needs:	
Additional Management Actions Recommended	Vard's weed needs to be treated again. Few mature plants close to flowering
Additional Management Actions Recommended: \	Nard's weed needs to be treated again. Few mature plants close to flowering.
Additional Management Actions Recommended: \ Notes:	Nard's weed needs to be treated again. Few mature plants close to flowering.

Year: 2020 Complex Name: Robinhood Ridge (J4-5) Visit Date: 4/22/2020 Start Time: 9:00 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: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Contracted crew performed weed control. Notes: Visit Date: 5/6/2020 Start Time: 5:07 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes:

Year: 2020 Complex Name: Robinhood Ridge (J4-5) Visit Date: 5/22/2020 Start Time: 10:16 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended, Sign install **Other Management Needs:** Additional Management Actions Recommended: Notes: Add City signs to South and West sides Visit Date: 6/25/2020 Start Time: 11:04 AM Surveyors: Jason Allen Site Conditions: Ponded Water: no **Days Since Last Rain:**  $\geq 16$ Fairy Shrimp Visible: Listed Plants Visible? Present New and Ongoing Issues Observed During Visit: Trash: **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: **Notes:** Ward's weed, Stinkwort and ice plant present.

Year: 2020	
<b>Complex Name:</b> South Otay 1 acre (J13N)	
Planning Unit: South City or Othe	
VPHCP Required Management and Monitor	ING LEVEL: LEVEL 3
Qualitative Monitoring Data	
Visit Date: 3/25/2020 Start Time: 2	:42 PM
Surveyors: Jason Allen	
Site Conditions:	
•	Days Since Last Rain: 0Fairy Shrimp Visible: Present
Listed Plants Visible? Present	
New and Ongoing Issues Observed During V	
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?	ching, Restoration/Revegetation, Fence install, Dump cleanup, Trash pickup,
Other Management Needs: Additional Management Actions Recomment Notes:	nded:
Visit Date: 5/27/2020 Start Time: 1	2:07 PM
Surveyors: Jason Allen	
Site Conditions:	
	Days Since Last Rain: 6-15 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During V	/isit:
Trash: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	
Other issues observed:	
Are other issues new or ongoing?	
	ching, Restoration/Revegetation, Fence install, Sign install, Dump cleanup, Trash pickup, mmended
Additional Management Actions Recomme	nded:
Notes: Southern parcel has trash that needs	to be picked up.

Year: 2020

Complex Name: South Otay 1 acre (J13N) Visit Date: 6/30/2020 Start Time: 2:56 PM Surveyors: Jason Allen Site Conditions: Ponded Water: no Days Since Last Rain: 1-5 Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Invasive Species in Pool: Ongoing Damage from Edge Effects: Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Weed control, Restoration/Revegetation, Dethatching, Fence install, Dump cleanup, Trash pickup, Grading/Recontouring, Regular patrols recommended **Other Management Needs:** Additional Management Actions Recommended: Notes:

Year: 2020	
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: 2/14/2020 Start Time: 2:23 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: Ongoing	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Fence install, Sign install, Weed or recommended	control, Restoration/Revegetation, Trash pickup, Regular patrols
Other Management Needs:	
Additional Management Actions Recommended:	
Notes:	
Visit Date: 4/24/2020 Start Time: 3:19 PM	
Surveyors: MBERNINGER	
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: Restoration/Revegetation, Weed control, Fence install	
Other Management Needs:	
Additional Management Actions Recommended:	
Autorial Management Actions Recommended.	
Notes: Invasive grasses creeping in on pool edges. Poot tar weed	ols not retaining water for very long , could be soil related or timing. Lots of

Year: 2020

Complex Name: Tecolote Canyon (QQ) Visit Date: 4/24/2020 Start Time: 2:30 PM Surveyors: MBerninger Site Conditions: Ponded Water: no Days Since Last Rain: 6-15 Fairy Shrimp Visible: Listed Plants Visible? Absent New and Ongoing Issues Observed During Visit: Trash: Ongoing **Tresspass/Unauthorized Use:** Damage to Fences and/or Signs: Fire or Damage from Fire Supression: Damage from Edge Effects: Invasive Species in Pool: Ongoing Invasive Species in Buffer: Ongoing **Hydrological Impacts:** Other issues observed: Are other issues new or ongoing? Management Needs: Restoration/Revegetation, Recontouring pools Other Management Needs: Additional Management Actions Recommended: Re-contouring pools, they are not holding water Notes: Some trash present, some minor disturbance, pools need to be reclassified as level 2 or 3 to focus restoration needs

Year: 2020	
Complex Name: Brown Field Basins (J14)	
Planning Unit: South City or Other? City	Managing Department: READ
VPHCP Required Management and Monitoring Level:	None
Qualitative Monitoring Data	
Visit Date: 1/28/2020 Start Time: 10:15 AM	
Surveyors: Cindy Dunn	
Site Conditions:	
Ponded Water: no Days Since	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: These basins are highl	y disturbed due to regular airport mowing.
Are other issues new or ongoing? Ongoing	
Management Needs:	
Notes:	
Visit Date: 3/11/2020         Start Time: 2:19 PM	
Surveyors: Cindy Dunn	
Site Conditions:	
Ponded Water: no Days Since	e Last Rain: 0 Fairy Shrimp Visible:
Listed Plants Visible? Present	
New and Ongoing Issues Observed During Visit:	
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoing	Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs:	
Other Management Needs:	
Additional Management Actions Recommended: The	se pools may be impacted by the MAP project. Management in pending the

Year: 2020		
Complex Name: Kelton (NC)		
	Managing Departments Daylo & Deprestion	
Planning Unit: South City or Other? City	Managing Department: Parks & Recreation	
VPHCP Required Management and Monitoring Level: Non	e	
Qualitative Monitoring Data Visit Date: 2/11/2020 Start Time: 4:14 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:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs: New	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Restoration/Revegetat	tion, Fence repair, Regular patrols recommended, Trash pickup	
Other Management Needs:		
Additional Management Actions Recommended: Weed co	introl and trash nickun	
Autona management Actions recommended. Weed co		
Notes:		
Visit Date: 4/15/2020 Start Time: 5:14 PM		
Surveyors: Jason Allen		
Site Conditions:		
Ponded Water: yes Days Since Last	: Rain: 1-5 Fairy Shrimp Visible: Absent	
Listed Plants Visible? Absent		
New and Ongoing Issues Observed During Visit:		
Trash:	Tresspass/Unauthorized Use:	
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:	
Invasive Species in Pool: Ongoing	Damage from Edge Effects:	
Invasive Species in Buffer: Ongoing	Hydrological Impacts:	
Other issues observed:		
Are other issues new or ongoing?		
Management Needs: Weed control, Restoration/Revegetation, Sign install, Regular patrols recommended		
Other Management Needs:		
Additional Management Actions Recommended:		
Notes:		

<b>Year:</b> 2020	
Complex Name: Kelton (NC)	
Visit Date: 6/17/2020 Start Time:	5:02 PM
Surveyors: Jason Allen	
Site Conditions:	
Ponded Water: no	Days Since Last Rain: $\geq 16$ Fairy Shrimp Visible:
Listed Plants Visible? Absent	
New and Ongoing Issues Observed During	Visit:
Trash:	Tresspass/Unauthorized Use:
Damage to Fences and/or Signs:	Fire or Damage from Fire Supression:
Invasive Species in Pool: Ongoing	Damage from Edge Effects:
Invasive Species in Buffer: Ongoin	g Hydrological Impacts:
Other issues observed:	
Are other issues new or ongoing?	
Management Needs: Weed control, Resto	ation/Revegetation, Sign install, Grading/Recontouring, Regular patrols recommended
Other Management Needs:	
Additional Management Actions Recomm	ended:
Notes:	

# Appendix B-2

# **2020 Vernal Pool Quantitative Monitoring Datasheets**

- 1. Montgomery Field (N5-6)
- 2. Carrol Canyon/Parkdale Carroll Canyon (D5-8)
- 3. Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)
- 4. Greystone Torrey Highlands (H39)
- 5. Lopez Ridge (B7-8)
- 6. Cal Terraces (North), Otay Mesa Road Parcels (J2)
- 7. Cal Terraces (South) (J14)
- 8. Clayton Parcel (J2)
- 9. Goat Mesa (J16-18)
- 10. Nobel Drive (X5)
- 11. Otay Lakes (K5)
- 12. West Otay C (J32)
- 13. Robinhood Ridge (J4-5)
- 14. South Otay 1 acre (J13N)

Survey Year: 2020		
Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 4256
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020Survey Start Time: 02:00 PMSurvey End Time: 02:28 PM		
Surveyors: Cindy Dunn, Jon Mercado, J.R	. Sundberg	
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
<b>Cover of POAB in Basin:</b> <1%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Brodiaea Orcut	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquati	Crassula aquatica - water pygmyweed	
Deschampsia danthe	Deschampsia danthonioides - annual hair grass	
Downingia cuspidata - toothed downingia		<1%
Eleocharis macrostachya - pale spike-rush		25-50%
Holocarpha virgata ssp. elongata - graceful tarplant		<1%
Isoetes orcutt	Isoetes orcuttii - Orcutt's quillwort	
Juncus buj	Juncus bufonius - toad rush	
Phalaris lemmonii	Phalaris lemmonii - Lemmon's canary grass	
Pilularia america	Pilularia americana - American pillwort	
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Triglochin scilloides - flowering-quillwort		1-5%
Cover of Other Native Species in	n Basin: 25-50% Other Native S	pecies Richness in Basin: 12

**Cover of Other Native Species in Basin:** 25-50% **Other Native Species Richness in Basin:** 12

#### Nonnative Species in Pool:

Species Name		Cover
Cotula coronopifolia - brass-but	ttons	<1%
Lythrum hyssopifolia - grass p	oly	1-5%
Polypogon monspeliensis - rabbitfo	oot grass	1-5%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Specie	es Richness in Basin: 3

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

Dead Species Present in Pool:

Survey Year: 2020

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

VP ID: 4256

### 2020 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 madritensis - foxtail chess
Centaurea melitensis - tocalote
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
Galium aparine - goose grass
Gastridium phleoides - nit grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Pogogyne abramsii - San Diego mesa mint
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stebbinsoseris heterocarpa - grassland silverpuffs
Zeltnera venusta - California centaury

Notes: Much of leaf litter is algal

Survey	Year:	2020
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VP ID: 4596         2003 Baseline Survey Data         Baseline Cover of ERAR: 0.0         Baseline Cover of ERAR: 0.0       Baseline Cover of NAFO: 0.0         Baseline Cover of POAB: 0.5       Baseline Cover of PONU: 0.0         2020 Quantitative Monitoring Data       Survey Date: 5/15/2020         Survey Date: 5/15/2020       Survey Start Time: 11:14 AM
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       Baseline Cover of PONU: 0.0         2020 Quantitative Monitoring Data       Example Cover of PONU: 0.0       Example Cover of PONU: 0.0
Baseline Cover of POAB: 0.5     Baseline Cover of PONU: 0.0       2020 Quantitative Monitoring Data
2020 Quantitative Monitoring Data
Survey Date: 5/15/2020 Survey Start Time: 11:14 AM Survey End Time: 12:00 AM
Surveyors: JCM, JRS
VPHCP Covered Species Present: POAB
Cover of ERAR in Basin: Cover of NAFO in Basin: Cover of ORCA in Basin:
Cover of POAB in Basin: 10-25% Cover of PONU in Basin:
Other Native Species in Pool:
Species Name Cover
Brodiaea Orcuttii - Orcutt's brodiaea <1%
Deschampsia danthonioides - annual hair grass <1%
Downingia cuspidata - toothed downingia 1-5%
Eleocharis macrostachya - pale spike-rush 5-10%
Holocarpha virgata ssp. elongata - graceful tarplant 1-5%
Juncus bufonius - toad rush <1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads 5-10%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 8

### Nonnative Species in Pool:

Species	Name	Cover
Lythrum hyssopifolia - grass poly		<1%
Polypogon monspeliensis - rabbitfoot grass		<1%
Cover of Nonnative Species in Basin: 1-5%         Nonnative Species Richness in Basin: 2		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 5-109	% Cover of Litter in Basin: 10-25%
Days Since Last Rain: >16	Ponded Water Present: no	

**Dead Species Present in Pool:** 

Survey Year: 2020

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

VP ID: 4596

#### 2020 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 sp.
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dipterostemon capitatus - blue dicks
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Holocarpha virgata ssp. elongata - graceful tarplant
Phalaris lemmonii - Lemmon's canary grass

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020

omplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5352
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey St	art Time: 02:38 PM Survey En	d Time: 12:00 AM
Surveyors: Jon Mercado, J.R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	ecies Name	Cover
Brodiaea Orcu	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquati	Crassula aquatica - water pygmyweed	
Downingia cuspidata - toothed downingia		<1%
Eleocharis macro	Eleocharis macrostachya - pale spike-rush	
Holocarpha virgata ss	Holocarpha virgata ssp. elongata - graceful tarplant	
Juncus bufonius - toad rush		<1%
Myosurus minimus ssp. apus - little mouse tail		<1%
Plagiobothrys acantho	Plagiobothrys acanthocarpus - adobe popcornflower	
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Triglochin scilloides - flowering-quillwort		<1%
Course of Others Notice Coursing	n Desine 40 25% Other Native	Succiona Distances in Desiry 40

**Cover of Other Native Species in Basin:** 10-25% Other Native Species Richness in Basin: 10

#### Nonnative Species in Pool:

Species Name	Cover	
Festuca perennis - rye 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: 3		
Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 1-59	<b>Cover of Litter in Basin:</b> 10-25%	

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

**Dead Species Present in Pool:** 

Survey Year: 2020

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

VP ID: 5352

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena sp.
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
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
Holocarpha virgata ssp. elongata - graceful tarplant
Lactuca serriola - prickly lettuce
Phalaris lemmonii - Lemmon's canary grass
Zeltnera venusta - California centaury

Notes: Algae/ bio crust counts as leaf

urvey Year: 2020		
Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5355
003 Baseline Survey Data		
aseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
aseline Cover of POAB: 1.0	Baseline Cover of PONU: 0.0	
020 Quantitative Monitoring Data		
urvey Date: 5/15/2020 Survey	Start Time: 02:40 PM Survey En	<b>d Time:</b> 02:59 PM
urveyors: Cindy Dunn, Jon Mercado, J	.R. Sundberg	
PHCP Covered Species Present: POAE	3	
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:	
ther Native Species in Pool:		
Sr	pecies Name	Cover
Brodiaea Orc	<i>tuttii</i> - Orcutt's brodiaea	<1%
Crassula aqua	<i>itica</i> - water pygmyweed	1-5%
Deschampsia danthonioides - annual hair grass		<1%
Downingia cusp	Downingia cuspidata - toothed downingia	
Holocarpha virgata s	Holocarpha virgata ssp. elongata - graceful tarplant	
Isoetes orcuttii - Orcutt's quillwort		1-5%
Juncus b	<i>ufonius</i> - toad rush	1-5%
Navarretia han	nata - hooked skunkweed	<1%
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Cover of Other Native Species in Basin: 5-10% Other Native Species Richness in Basin: 9		

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

Species Name	Cover
Erodium botrys - long-beak filaree/storksbill	1-5%
Gastridium phleoides - nit grass	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative Spec	cies Richness in Basin: 4

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

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

**Dead Species Present in Pool:** 

Cover of Litter in Basin: 25-50%

Survey Year: 2020

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

VP ID: 5355

### 2020 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
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
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Selaginella cinerascens - ashy spike-moss
Sonchus oleraceus - common sow thistle

Notes: Much of leaf litter is algal

Survey Year: 2020

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	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey S	tart Time: 11:14 AM Survey En	d Time: 12:00 AM
Surveyors: Jon Mercado, J.R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 10-259	% Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Brodiaea Orcuttii - Orcutt's brodiaea		<1%
Deinandra fasciculata - fascicled tarweed		1-5%
Deschampsia danthonioides - annual hair grass		<1%
Eleocharis macro	Eleocharis macrostachya - pale spike-rush	
	Holocarpha virgata ssp. elongata - graceful tarplant	
	sp. eloliyulu - glacelul laipialli	

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

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

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

Dead Species Present in Pool:

Survey Year: 2020

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

VP ID: 5356

#### 2020 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 sp.
Baccharis sarothroides - broom baccharis
Brassica nigra - black mustard
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Osmadenia tenella - osmadenia
Phalaris lemmonii - Lemmon's canary grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Rumex crispus - curly dock
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020			
Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5358	
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		
2020 Quantitative Monitoring Data			
Survey Date: 5/15/2020 Survey S	tart Time: 11:52 AM Survey En	<b>d Time:</b> 12:27 PM	
Surveyors: Cindy Dunn, Jon Mercado, J.	R. Sundberg		
VPHCP Covered Species Present: POAB			
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:		
Other Native Species in Pool:			
Sp	Species Name		
Brodiaea Orcu	Brodiaea Orcuttii - Orcutt's brodiaea		
Crassula aquat	Crassula aquatica - water pygmyweed		
Deinandra fascio	Deinandra fasciculata - fascicled tarweed		
Deschampsia danthonioides - annual hair grass		<1%	
Downingia cuspidata - toothed downingia		<1%	
Eleocharis macrostachya - pale spike-rush		1-5%	
Holocarpha virgata ssp. elongata - graceful tarplant		<1%	
Isoetes orcut	Isoetes orcuttii - Orcutt's quillwort		
Juncus bu	Juncus bufonius - toad rush		
Lysimachia	Lysimachia minima - chaffweed		
Phalaris lemmon	Phalaris lemmonii - Lemmon's canary grass		
Plagiobothrys acanthe	Plagiobothrys acanthocarpus - adobe popcornflower		
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	5-10%	
Triglochin scillo	ides - flowering-quillwort	<1%	
<b>Cover of Other Native Species</b>	in Basin: 10-25% Other Native S	pecies Richness in Basin: 14	

Nonnative Species in Pool:

Species Name		Cover
Festuca myuros - rattail sixweeks grass		<1%
<i>Lythrum hyssopifolia</i> - grass p	oly	5-10%
Polypogon monspeliensis - rabbitfoot grass		1-5%
Cover of Nonnative Species in Basin: 5-10%	Nonnative Specie	es Richness in Basin: 3

Ponded Water Present: no

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

Days Since Last Rain: >16

**Dead Species Present in Pool:** 

Survey Year: 2020

Complex Name: Montgomery Field (N5-6)

VP ID: 5358

### 2020 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
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Castilleja exserta ssp. exserta - purple owl's clover
Croton setiger - doveweed
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Notes: Much of leaf litter is algal

Survey Year: 2020		
mplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5363
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey Sta	rt Time: 11:23 AM Survey Er	<b>d Time:</b> 11:43 AM
Surveyors: Cindy Dunn, Jon Mercado, J.R.	Sundberg	
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of POAB in Basin: 5-10% Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	Species Name	
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquatico	Crassula aquatica - water pygmyweed	
Deinandra fascicul	Deinandra fasciculata - fascicled tarweed	
Deschampsia dantho	Deschampsia danthonioides - annual hair grass	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Holocarpha virgata ssp.	Holocarpha virgata ssp. elongata - graceful tarplant	
Isoetes orcuttii	Isoetes orcuttii - Orcutt's quillwort	
Juncus bufo	Juncus bufonius - toad rush	
Lysimachia m	Lysimachia minima - chaffweed	
Plagiobothrys acanthoco	Plagiobothrys acanthocarpus - adobe popcornflower	
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%
Triglochin scilloides - flowering-quillwort<1%		

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

### Nonnative Species in Pool:

Species Name		Cover
Lythrum hyssopifolia - grass poly		10-25%
Polypogon monspeliensis - rabbitfoot grass		1-5%
Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 2		s Richness in Basin: 2
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> 25-50%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

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

VP ID: 5363

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
Baccharis sarothroides - broom baccharis
Brodiaea Orcuttii - Orcutt's brodiaea
Brodiaea terrestris ssp. kernensis - Kern dwarf brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Galium aparine - goose grass
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
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

Notes: Much of leaf litter is algal

Survey Year: 2020

Complex Name: Montgomery Field (N5-6	plex Name: Montgomery Field (N5-6)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	aseline Cover of ERAR: 0.0 Baseline Cover of NAFO: 0.0	
Baseline Cover of POAB: 30.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey Star	rt Time: 09:04 AM Survey End	d Time: 12:00 AM
Surveyors: Jon Mercado, J.R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	Species Name	
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aquatica	Crassula aquatica - water pygmyweed	
Deschampsia danthoi	Deschampsia danthonioides - annual hair grass	
Downingia cuspida	Downingia cuspidata - toothed downingia	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Holocarpha virgata ssp.	Holocarpha virgata ssp. elongata - graceful tarplant	
Isoetes orcuttii	Isoetes orcuttii - Orcutt's quillwort	
Juncus bufo	Juncus bufonius - toad rush	
Phalaris lemmonii -	Phalaris lemmonii - Lemmon's canary grass	
Plagiobothrys acanthoco	Plagiobothrys acanthocarpus - adobe popcornflower	
Pogogyne abramsi	Pogogyne abramsii - San Diego mesa mint	
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	5-10%
Triglochin scilloide	Triglochin scilloides - flowering-quillwort	
Cover of Other Native Species in	Basin: 25 50% Other Native S	nacios Dichnoss in Pasin, 12

**Cover of Other Native Species in Basin:** 25-50% **Other Native Species Richness in Basin:** 13

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

Species Name		Cover
Bromus hordeaceus - soft chess		<1%
Dittrichia graveolens - stinkwort		<1%
Polypogon monspeliensis - rabbitfoot grass		<1%
Cover of Nonnative Species in Basin: 1-5%         Nonnative Species Richness in Basin: 3		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: <1	Cover of Litter in Basin: 25-50%
Days Since Last Rain: >16	Ponded Water Present: no	

Survey Year: 2020

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

VP ID: 5369

### 2020 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 sp.
Baccharis sarothroides - broom baccharis
Brassica nigra - black mustard
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Gazania linearis - treasure flower
Lactuca serriola - prickly lettuce
Pseudognaphalium sp.
Rumex crispus - curly dock
Salsola tragus - Russian thistle
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020		
mplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5371
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 15.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey S	tart Time: 10:26 AM Survey En	<b>d Time:</b> 10:55 AM
Surveyors: Cindy Dunn, J.R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 1-5%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	Species Name	
Brodiaea Orci	Brodiaea Orcuttii - Orcutt's brodiaea	
Crassula aqua	Crassula aquatica - water pygmyweed	
Cyperus era	Cyperus eragrostis - tall flatsedge	
Deschampsia dant	Deschampsia danthonioides - annual hair grass	
Downingia cuspi	Downingia cuspidata - toothed downingia	
Holocarpha virgata s	Holocarpha virgata ssp. elongata - graceful tarplant	
Hordeum inte	Hordeum intercedens - bobtail barley	
Isoetes orcu	Isoetes orcuttii - Orcutt's quillwort	
Juncus bi	Juncus bufonius - toad rush	
Phalaris lemmon	Phalaris lemmonii - Lemmon's canary grass	
Pilularia ameri	Pilularia americana - American pillwort	
Plagiobothrys acanthe	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago elo	Plantago elongata - prairie plantain	
Pogogyne abran	nsii - San Diego mesa mint	5-10%
Psilocarphus brevissimus v	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

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

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	1-5%
Plantago coronopus - cut-leaf plantain	1-5%
Polypogon monspeliensis - rabbitfoot grass	1-5%

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

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: >16 Ponded Water Present: no

Survey Year: 2020

Complex Name: Montgomery Field (N5-6)

VP ID: 5371

### 2020 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cyperus eragrostis - tall flatsedge
Deinandra fasciculata - fascicled tarweed
Dimorphotheca sinuata - namaqualand daisy
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Holocarpha virgata ssp. elongata - graceful tarplant
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Melilotus indicus - sourclover
Pennisetum setaceum - crimson fountain grass
Plantago coronopus - cut-leaf plantain
Polypogon monspeliensis - rabbitfoot grass
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Notes: Algal crust counted toward

Survey Year: 2020

nplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5388
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 5.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey Sta	rt Time: 01:58 PM Survey Er	<b>d Time:</b> 12:00 AM
Surveyors: Jon Mercado, J.R. Sundberg		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Bloomeria crocea	Bloomeria crocea - common goldenstar	
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea	
Deschampsia dantho	Deschampsia danthonioides - annual hair grass	
Holocarpha virgata ssp	Holocarpha virgata ssp. elongata - graceful tarplant	
Hoover	Hooveria parviflora	
Navarretia hamat	Navarretia hamata - hooked skunkweed	
Osmadenia te	Osmadenia tenella - osmadenia	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Selaginella cineras	Selaginella cinerascens - ashy spike-moss	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 9

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

Species Name		Cover
Avena sp.		<1%
Lythrum hyssopifolia - grass p	ooly	1-5%
Polypogon monspeliensis - rabbitf	oot grass	<1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Specie	es Richness in Basin: 3

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

Survey Year: 2020

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

VP ID: 5388

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Avena sp.
Bloomeria crocea - common goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Croton setiger - doveweed
Deschampsia danthonioides - annual hair grass
Dipterostemon capitatus - blue dicks
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Holocarpha virgata ssp. elongata - graceful tarplant
Hooveria parviflora
Phalaris lemmonii - Lemmon's canary grass

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020

mplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 5423
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.5	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/15/2020 Survey St	art Time: 11:52 AM Survey	End Time: 01:45 PM
Surveyors: Jon Mercado, J.R. Sundberg		
/PHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Brodiaea Orcu	ttii - Orcutt's brodiaea	1-5%
Deschampsia danth	onioides - annual hair grass	<1%
Downingia cuspid	<i>ata</i> - toothed downingia	1-5%
Holocarpha virgata ssp	o. <i>elongata -</i> graceful tarplant	1-5%
Isoetes orcutt	ii - Orcutt's quillwort	1-5%
Juncus buj	fonius - toad rush	1-5%
Lysimachia r	<i>minima</i> - chaffweed	<1%
Navarretia hama	nta - hooked skunkweed	1-5%
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyhead	5 1-5%
Cover of Other Native Species i	•	e Species Richness in Basin: 9

**Cover of Other Native Species in Basin:** 5-10% **Other Native Species Richness in Basin:** 9

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

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

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

Survey Year: 2020

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

VP ID: 5423

### 2020 Quantitative Monitoring Data continued

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

Species Name	
Acmispon glaber var. glaber - deerweed	
Adenostoma fasciculatum - chamise	
Artemisia californica - California sagebrush	
Bloomeria clevelandii - San Diego goldenstar	
Brodiaea Orcuttii - Orcutt's brodiaea	
Bromus madritensis - foxtail chess	
Crocanthemum scoparium - peak rush-rose	
Deinandra fasciculata - fascicled tarweed	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Gastridium phleoides - nit grass	
Holocarpha virgata ssp. elongata - graceful tarplant	
Hooveria parviflora	
Hypochaeris glabra - smooth cat's-ear	
Juncus bufonius - toad rush	
Lythrum hyssopifolia - grass poly	
Osmadenia tenella - osmadenia	
Selaginella cinerascens - ashy spike-moss	
Stebbinsoseris heterocarpa - grassland silverpuffs	
Stephanomeria sp.	

Notes: Much of leaf litter is algal

Survey Year: 2020

Survey real. 2020				
omplex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 6351		
2003 Baseline Survey Data				
Baseline Cover of ERAR: 0.0		Baseline Cover of N	<b>AFO:</b> 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.5		Baseline Cover of P	<b>ONU:</b> 0.0	
2020 Quantitative Monitorin	ng Data			
Survey Date: 5/15/2020	Survey Start	t <b>Time:</b> 03:17 PM	Survey End T	Time: 12:00 AM
Surveyors: Jon Mercado, J.R.	Sundberg			
VPHCP Covered Species Pres	ent: POAB			
Cover of ERAR in Ba	sin:	Cover of NAFO in Ba	asin:	Cover of ORCA in Basin:
Cover of POAB in Ba	<b>isin:</b> 5- <u>1</u> 0%	Cover of PONU in B	asin:	
Other Native Species in Pool	<u>:</u>			
	Specie	es Name		Cover
Brodiaea Orcuttii - Orcutt's brodiaea			<1%	
Deschan	npsia danthon	<i>ioides -</i> annual hair gr	ass	1-5%
200011011				
	Juncus bufor	nius - toad rush		<1%
		nius - toad rush - California centaury		<1% <1%

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

Species Name	Cover
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca perennis - rye grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnativ	e Species Richness in Basin: 4
Bare Ground Cover in Basin: 5-10% Cover of Bocks (Cobble in Basin: 5-10% Cover of Litter in Basin:	

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

Survey Year: 2020

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

VP ID: 6351

### 2020 Quantitative Monitoring Data continued

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

Species Name
Avena sp.
Baccharis sarothroides - broom baccharis
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deschampsia danthonioides - annual hair grass
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Lactuca serriola - prickly lettuce
Malosma laurina - laurel sumac
<i>Quercus berberidifolia -</i> scrub oak
Zeltnera venusta - California centaury

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020

Complex Name: Montgomery Field (N5-6)		<b>VP ID:</b> 6384	
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: 20.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/15/2020 Survey	Start Time: 11:14 AM Survey En	d Time: 12:00 AM	
Surveyors: Jon Mercado, J.R. Sundberg			
VPHCP Covered Species Present: POA	3		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 5-109	<b>Cover of PONU in Basin:</b>		
Other Native Species in Pool:			
Cover of Other Native Species	s in Basin: 0% Other Native S	Species Richness in Basin: 0	
Nonnative Species in Pool:			

Species Name		Cover
Bromus hordeaceus - soft chess		<1%
Bromus rubens	- red brome	<1%
Erodium botrys - long-b	eak filaree/storksbill	<1%
Lythrum hyssopifolia - grass poly		<1%
Polypogon monspeliensis - rabbitfoot grass		<1%
Cover of Nonnative Species in Basin: 5-10%         Nonnative Species Richness in Basin: 5		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> 25-50%
Days Since Last Rain: >16	Ponded Water Present: no	

Survey Year: 2020

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

VP ID: 6384

### 2020 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 sp.
Baccharis sarothroides - broom baccharis
Brassica nigra - black mustard
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Croton setiger - doveweed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Phalaris lemmonii - Lemmon's canary grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Notes: Algae/ bio crust counts as leaf

Survey Year: 2020		
Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1077
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 1.0 Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data		
Survey Date: 5/28/2020 Survey Start	Time: 09:32 AM Survey En	d Time: 10:44 AM
Surveyors: Sara Allen, Paula Birdwell, Erik S	tamm	
VPHCP Covered Species Present: POAB, NA	FO, ERAR	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin: 1-5%	Cover of ORCA in Basin:
Cover of POAB in Basin: 5-10%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Agrostis microphylla - small-leaf bent grass		<1%
Brodiaea Orcuttii - Orcutt's brodiaea		1-5%
Cuscuta californica - chaparral dodder		<1%
Deinandra fasciculata - fascicled tarweed		5-10%
Deschampsia danthoni	Deschampsia danthonioides - annual hair grass	
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush	
Juncus bufon	<i>ius</i> - toad rush	<1%
Lysimachia mir	Lysimachia minima - chaffweed	
Navarretia hamata	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var. b	brevissimus - dwarf woollyheads	1-5%
Zeltnera venusta -	Zeltnera venusta - California centaury	
Cover of Other Native Species in B		nocios Bishnoss in Posiny 11

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 11

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

Species Name		Cover
Lythrum hyssopifolia - grass poly		<1%
Polypogon monspeliensis - rabbitfoot grass		5-10%
Cover of Nonnative Species in Basin: 5-10% Nonnative Specie		Richness in Basin: 2
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: <	1% <b>Cover of Litter in Basin:</b> 1-5%
Pays Since Last Rain: >16 Ponded Water Present: no		
Dead Species Present in Pool:		

Survey Year: 2020

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

**VP ID:** 1077

### 2020 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Agrostis microphylla - small-leaf bent grass
Antirrhinum nuttallianum - Nuttall's Snapdragon
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Crassula connata - pygmy-weed
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stylocline gnaphaloides - everlasting neststraw

Survey Year: 2020			
Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1092	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 3.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/28/2020 Survey Star	rt Time: 10:55 AM Survey En	d Time: 11:34 AM	
Surveyors: Sara Allen, Paula Birdwell, Erik	Stamm		
VPHCP Covered Species Present: POAB, N	AFO, ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin: 10-25%	Cover of PONU in Basin:		
Other Native Species in Pool:			
Speci	ies Name	Cover	
Agrostis microphyll	Agrostis microphylla - small-leaf bent grass		
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea		
Callitriche marginata - winged water-starwort		1-5%	
Deinandra fasciculata - fascicled tarweed		<1%	
Deschampsia danthonioides - annual hair grass		<1%	
Downingia cuspida	Downingia cuspidata - toothed downingia		
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Juncus bufo	nius - toad rush	1-5%	
Lysimachia m	Lysimachia minima - chaffweed		
Navarretia hamat	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	1-5%	
Zeltnera venusta	- California centaury	1-5%	

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

### Nonnative Species in Pool:

Species Name		Cover
Lythrum hyssopifolia - grass poly		<1%
Polypogon monspeliensis - rabbitfoot grass		<1%
Cover of Nonnative Species in Basin:	1-5% Nonnative Specie	s Richness in Basin: 2
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin:	<1% Cover of Litter in Basin: <1%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

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

**VP ID:** 1092

### 2020 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Castilleja exserta ssp. exserta - purple owl's clover
Crassula connata - pygmy-weed
Cryptantha intermedia var. intermedia - common cryptantha
Cuscuta californica - chaparral dodder
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Navarretia hamata - hooked skunkweed
Pogogyne abramsii - San Diego mesa mint
Polypogon interruptus - ditch beard grass
Pseudognaphalium stramineum - cotton-batting plant
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stylocline gnaphaloides - everlasting neststraw
Zeltnera venusta - California centaury

Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1096	
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		
2020 Quantitative Monitoring Data			
Survey Date: 5/28/2020 Survey	Start Time: 11:55 AM Survey En	d Time:	
<b>Surveyors:</b> Sara Allen, Paula Birdwell, E	rik Stamm		
VPHCP Covered Species Present: POAE	3, ERAR		
Cover of ERAR in Basin: 25-50	0% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 25-50	% Cover of PONU in Basin:		
Other Native Species in Pool:			
SI	pecies Name	Cover	
Brodiaea Orc	Brodiaea Orcuttii - Orcutt's brodiaea		
Deinandra fasc	Deinandra fasciculata - fascicled tarweed		
Deschampsia dani	Deschampsia danthonioides - annual hair grass		
Eleocharis macrostachya - pale spike-rush		1-5%	
Juncus b	Juncus bufonius - toad rush		
Lysimachia	Lysimachia minima - chaffweed		
Navarretia han	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Zeltnera venu	<i>sta</i> - California centaury	<1%	

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

Species Name	Cover
Geranium dissectum - cut-leaf geranium	<1%
Schismus barbatus - Mediterranean schismus	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 2Bare 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: >16Ponded Water Present: noDead Species Present in Pool:

Survey Year: 2020

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

**VP ID:** 1096

### 2020 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
Agrostis microphylla - small-leaf bent grass
<i>Agrostis</i> sp.
Antirrhinum nuttallianum - Nuttall's Snapdragon
Bromus madritensis - foxtail chess
Castilleja exserta ssp. exserta - purple owl's clover
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Galium angustifolium ssp. angustifolium - narrow leaved bedstraw
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1109		
003 Baseline Survey Data				
aseline Cover of ERAR: 20.0	Baseline Cover of N	<b>AFO:</b> 0.0	Baseline C	over of ORCA: 0.0
aseline Cover of POAB: 3.0	Baseline Cover of P	<b>ONU:</b> 0.0		
020 Quantitative Monitoring Data				
urvey Date: 5/28/2020 Survey	y Start Time: 03:17 PM	Survey En	<b>d Time:</b> 03:39 PM	
urveyors: Sara Allen, Paula Birdwell,	Erik Stamm			
PHCP Covered Species Present: PO/	AB, ERAR			
Cover of ERAR in Basin: 25-	50% Cover of NAFO in B	asin:	Cover of ORCA in B	asin:
Cover of POAB in Basin: 10-	25% Cover of PONU in B	asin:		
ther Native Species in Pool:				
	Species Name			Cover
Brodiaea O	Brodiaea Orcuttii - Orcutt's brodiaea			<1%
Deinandra fasciculata - fascicled tarweed			<1%	
Deschampsia danthonioides - annual hair grass			<1%	
Eleocharis ma	Eleocharis macrostachya - pale spike-rush			1-5%
Juncus	Juncus bufonius - toad rush			<1%
Juncus d	Juncus dubius - mariposa rush			<1%
Lysimach	<i>nia minima</i> - chaffweed			<1%
	s var. <i>brevissimus</i> - dwarf w	ماء مم ماريال م م		<1%

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

### Nonnative Species in Pool:

Species N	lame	Cover
Polypogon monspeliens	sis - rabbitfoot grass	10-25%
Cover of Nonnative Species in Basin:	10-25% Nonnative Specie	s Richness in Basin: 1
Bare Ground Cover in Basin: 10-25%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> 1-5%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Page 33

Survey Year: 2020

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

**VP ID:** 1109

### 2020 Quantitative Monitoring Data continued

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

Species Name
Adenostoma fasciculatum - chamise
<i>Agrostis</i> sp.
Antirrhinum nuttallianum - Nuttall's Snapdragon
Brodiaea Orcuttii - Orcutt's brodiaea
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Zeltnera venusta - California centaury

Survey Year: 2020			
Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1740	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 30.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 5.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/28/2020 Survey Sta	rt Time: 02:21 PM Survey End	<b>Time:</b> 12:00 AM	
Surveyors: Sara Allen, Paula Birdwell, Erik	Stamm		
VPHCP Covered Species Present: POAB, E	RAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: 50-75%	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	cies Name	Cover	
Brodiaea Orcuttii - Orcutt's brodiaea		<1%	
Deinandra fasciculata - fascicled tarweed		1-5%	
Eleocharis macrostachya - pale spike-rush		1-5%	
Juncus dubius - mariposa rush		1-5%	
Cover of Other Native Species in	Basin: 1-5% Other Native S	pecies Richness in Basin: 4	
Nonnative Species in Pool:			
Spec	cies Name	Cover	
Polypogon monspe	eliensis - rabbitfoot grass	5-10%	
Cover of Nonnative Species in Ba	asin: 5-10% Nonnative Spe	cies Richness in Basin: 1	
Bare Ground Cover in Basin: <1%	6 Cover of Rocks/Cobble in Bas	in: <1% Cover of Litter in Basin: 1-5%	

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

Survey Year: 2020

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

**VP ID:** 1740

### 2020 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Diplacus aurantiacus - orange bush monkeyflower
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 1743	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/28/2020 Surve	ey Start Time: 02:31 PM Survey E	nd Time: 03:06 PM	
Surveyors: Sara Allen, Paula Birdwel	l, Erik Stamm		
/PHCP Covered Species Present: 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:		
Other Native Species in Pool:			
Species Name		Cover	
Brodiaea (	Brodiaea Orcuttii - Orcutt's brodiaea		
Cuscuta californica - chaparral dodder		<1%	
Deinandra fasciculata - fascicled tarweed		1-5%	
Deschampsia danthonioides - annual hair grass		5-10%	
Eleocharis macrostachya - pale spike-rush		<1%	
Lysimac	Lysimachia minima - chaffweed		
Navarretia h	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimu	<i>us</i> var. <i>brevissimus</i> - dwarf woollyheads	<1%	
Zeltnera ve	enusta - California centaury	<1%	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 9

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

Species	Name	Cover
Lythrum hyssopif	olia - grass poly	<1%
Polypogon monspelien	sis - rabbitfoot grass	10-25%
Cover of Nonnative Species in Basin	: 10-25% Nonnative Specie	s Richness in Basin: 2
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> 1-5%
Days Since Last Rain: >16	Ponded Water Present: no	

Survey Year: 2020

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

**VP ID:** 1743

### 2020 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
Antirrhinum nuttallianum - Nuttall's Snapdragon
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cuscuta californica - chaparral dodder
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Eryngium aristulatum var. parishii - San Diego button-celery
Hirschfeldia incana - short-pod mustard
Hooveria parviflora
Juncus bufonius - toad rush
Juncus dubius - mariposa rush
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria diegensis - San Diego wreath-plant
Zeltnera venusta - California centaury

Complex Name: Carroll Canyon/Parkdale Carroll Canyon (D5-8)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 5/28/2020 Survey	y Start Time: 01:25 PM Survey En	<b>d Time:</b> 02:07 PM	
Surveyors: Sara Allen, Paula Birdwell,	Erik Stamm		
VPHCP Covered Species Present: PO/	AB, ERAR		
Cover of ERAR in Basin: 50-	75% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin: <19	6 Cover of PONU in Basin:		
Other Native Species in Pool:			
	Species Name	Cover	
Brodiaea Orcuttii - Orcutt's brodiaea		<1%	
Callitriche marg	Callitriche marginata - winged water-starwort		
Deschampsia danthonioides - annual hair grass		<1%	
Downingia cuspidata - toothed downingia		<1%	
	crostachya - pale spike-rush	5-10%	
Eleocharis ma	crostucityu - pale spike-rusit		
	s var. brevissimus - dwarf woollyheads	1-5%	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 7

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

Species	Name	Cover
Lythrum hyssopife	olia - grass poly	<1%
Polypogon monspelien.	sis - rabbitfoot grass	1-5%
Cover of Nonnative Species in Basin	1-5% Nonnative Species	Richness in Basin: 2
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: 1	-5% <b>Cover of Litter in Basin:</b> 1-5%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

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

**VP ID:** 1746

### 2020 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
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia peplus - petty spurge
Festuca myuros - rattail sixweeks grass
Juncus dubius - mariposa rush
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Solanum sp.
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Survey Yea		15 10 22 24 26)		<b>VP ID:</b> 1255
Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1255		
	line Survey Data			
	over of ERAR: 25.0	Baseline Cover of NA		Baseline Cover of ORCA: 0.0
	over of POAB: 0.0	Baseline Cover of PC	<b>NU:</b> 0.0	
	ntitative Monitoring Data			
Survey Dat	te: 6/12/2020 Survey Star	t <b>Time:</b> 01:45 PM	Survey End 1	Time: 12:00 AM
-	: Brenda Bennett, Ryan Meszaros	;		
VPHCP Cov	vered Species Present: ERAR			
Co	over of ERAR in Basin: 25-50%	Cover of NAFO in Ba	sin:	Cover of ORCA in Basin:
Co	over of POAB in Basin:	Cover of PONU in Ba	sin:	
Other Nati	ive Species in Pool:			
	Specie	es Name		Cover
	Deinandra fasciculata - fascicled tarweed		5-10%	
	Deschampsia danthonioides - annual hair grass		10-25%	
	Juncus bufonius - toad rush		1-5%	
	Lysimachia minima - chaffweed		<1%	
	Navarretia hamata - hooked skunkweed		<1%	
	Plantago elongata - prairie plantain		<1%	
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
	Psilocarphus tenellus - slender woolly-marbles		<1%	
	Selaginella cinerascens - ashy spike-moss		<1%	
	Sisyrinchium bellum - western blue-eyed-grass		<1%	
	Stipa lepida - foothill needle grass		<1%	
	Zeltnera venusta	- California centaury		10-25%
C	over of Other Native Species in I	Basin: 25-50% Ot	ner Native Spe	ecies Richness in Basin: 12

**Cover of Other Native Species in Basin:** 25-50% **Other Native Species Richness in Basin:** 12

#### Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Cover of Nonnative Species in Pasin: 1 50/ Nonnative Speci	ios Bishnoss in Posini /

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

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

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

Survey Year: 2020

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

VP ID: 1255

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
<i>Crassula</i> sp.
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
Gastridium phleoides - nit grass
Heteromeles arbutifolia - toyon
Pilularia americana - American pillwort
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
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
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1260	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 30.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/12/2020 Survey Star	t Time: 02:05 PM Survey En	<b>d Time:</b> 02:23 PM	
Surveyors: Brenda Bennett, Ryan Meszaro	S		
VPHCP Covered Species Present: POAB, EI	RAR, NAFO		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
<b>Cover of POAB in Basin:</b> 1-5%	Cover of PONU in Basin:		
Other Native Species in Pool:			
Speci	Species Name		
Brodiaea Orcutt	Brodiaea Orcuttii - Orcutt's brodiaea		
Cras	<i>Crassula</i> sp.		
Deschampsia danthoi	Deschampsia danthonioides - annual hair grass		
Elatine brachysperme	Elatine brachysperma - short-seed waterwort		
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Juncus bufo	Juncus bufonius - toad rush		
	Lysimachia minima - chaffweed		
Pilularia americar	Pilularia americana - American pillwort		
	Plantago elongata - prairie plantain		
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Psilocarphus tenellus	Psilocarphus tenellus - slender woolly-marbles		
Sisyrinchium bellum -	Sisyrinchium bellum - western blue-eyed-grass		
	Stipa lepida - foothill needle grass		
Veronica peregrina ssp. xc	alapensis - purslane speedwell	<1%	
Zeltnera venusta	- California centaury	5-10%	

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	1-5%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Spergularia sp.	<1%
Cover of Nonnative Species in Basin: 5-10% Nonnative	Species Richness in Basin: 5

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

Survey Year: 2020

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

**VP ID:** 1260

### 2020 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
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Comarostaphylis diversifolia - summer holly
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
Gastridium phleoides - nit grass
Heteromeles arbutifolia - toyon
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Plantago elongata - prairie plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Veronica peregrina ssp. xalapensis - purslane speedwell
Zeltnera venusta - California centaury

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1264	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 15.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/12/2020 Survey S	tart Time: 11:31 AM Survey En	<b>d Time:</b> 11:57 AM	
Surveyors: Brenda Bennett, Ryan Mesza	iros		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 10-25	<b>% Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Sp	ecies Name	Cover	
С	Crassula sp.		
Deinandra fascio	Deinandra fasciculata - fascicled tarweed		
Deschampsia danti	Deschampsia danthonioides - annual hair grass		
Elatine brachysper	Elatine brachysperma - short-seed waterwort		
Eleocharis macro	Eleocharis macrostachya - pale spike-rush		
Isoetes orcut	Isoetes orcuttii - Orcutt's quillwort		
Juncus bu	Juncus bufonius - toad rush		
Lysimachia	Lysimachia minima - chaffweed		
Navarretia ham	Navarretia hamata - hooked skunkweed		
Pilularia amerio	Pilularia americana - American pillwort		
Psilocarphus brevissimus v	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Veronica peregrina ssp.	xalapensis - purslane speedwell	<1%	
Zeltnera venus	Zeltnera venusta - California centaury		

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 13

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

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3

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

Survey Year: 2020

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

VP ID: 1264

### 2020 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
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Eriogonum fasciculatum - California buckwheat
Festuca myuros - rattail sixweeks grass
Galium aparine - goose grass
Gastridium phleoides - nit grass
Heteromeles arbutifolia - toyon
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Pilularia americana - American pillwort
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
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
Stephanomeria sp.
Stipa lepida - foothill needle grass
Stylocline gnaphaloides - everlasting neststraw
Toxicoscordion fremontii - Fremont's camas
Veronica peregrina ssp. xalapensis - purslane speedwell
Zeltnera venusta - California centaury

Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1272	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/12/2020 Survey S	tart Time: 10:38 AM Survey En	<b>d Time:</b> 11:24 AM	
Surveyors: Brenda Bennett, Ryan Mesza	ros		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-509	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Sp	Species Name		
C	<i>Crassula</i> sp.		
Deinandra fasciculata - fascicled tarweed		5-10%	
Deschampsia danth	Deschampsia danthonioides - annual hair grass		
Elatine brachysperma - short-seed waterwort		<1%	
Eleocharis macrostachya - pale spike-rush		1-5%	
Isoetes orcuttii - Orcutt's quillwort		<1%	
Juncus bufonius - toad rush		1-5%	
Juncus dubius - mariposa rush		1-5%	
Lysimachia minima - chaffweed		1-5%	
Navarretia hamata - hooked skunkweed		1-5%	
Pilularia americ	Pilularia americana - American pillwort		
Plantago erec	ta - dot-seed plantain	<1%	
Psilocarphus brevissimus v	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Psilocarphus tenell	Psilocarphus tenellus - slender woolly-marbles		
Selaginella ciner	ascens - ashy spike-moss	1-5%	
Zeltnera venus	ta - California centaury	1-5%	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 16

#### Nonnative Species in Pool:

Species Name	Cover	
Bromus hordeaceus - soft chess	<1%	
Bromus rubens - red brome	<1%	
Festuca myuros - rattail sixweeks grass	<1%	
Gastridium phleoides - nit grass	<1%	
Cover of Nonnative Species in Basin: 1-5% Nonnative Species	Nonnative Species Richness in Basin: 4	

Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 50-75%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1272

### 2020 Quantitative Monitoring Data continued

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

Species Name	
Adenostoma fasciculatum - chamise	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
<i>Crassula</i> sp.	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Elatine brachysperma - short-seed waterwort	
Eleocharis macrostachya - pale spike-rush	
Eriogonum fasciculatum - California buckwheat	
Eryngium aristulatum var. parishii - San Diego button-o	celery
Festuca myuros - rattail sixweeks grass	
Gamochaeta stagnalis - desert cudweed	
Gastridium phleoides - nit grass	
Isoetes orcuttii - Orcutt's quillwort	
Juncus bufonius - toad rush	
Juncus dubius - mariposa rush	
Logfia gallica - daggerleaf cottonrose	
Lysimachia minima - chaffweed	
Navarretia hamata - hooked skunkweed	
Pilularia americana - American pillwort	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium biolettii - bicolor cudweed	
Pseudognaphalium californicum - California everlast	ing
Psilocarphus brevissimus var. brevissimus - dwarf woolly	/heads
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	
Stephanomeria sp.	
Stipa lepida - foothill needle grass	
Stipa pulchra - purple needle grass	
Yucca schidigera - Mojave yucca	
Zeltnera venusta - California centaury	

Survey Year: 2020 Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 1842	
		VF 10. 1042	
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		
2020 Quantitative Monitoring Data	1		
Survey Date: 6/12/2020 Surv	ey Start Time: 12:51 PM Survey	End Time: 01:27 PM	
Surveyors: Brenda Bennett, Ryan M	eszaros		
VPHCP Covered Species Present: EF	AR, POAB		
Cover of ERAR in Basin: <1	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:	
Cover of POAB in Basin: 25	5-50% Cover of PONU in Basin:		
Other Native Species in Pool:			
	Species Name	Cover	
Deschampsia d	anthonioides - annual hair grass	<1%	
Elatine brachy	sperma - short-seed waterwort	<1%	
Junci	<i>is bufonius -</i> toad rush	1-5%	
Lysima	<i>chia minima</i> - chaffweed	<1%	
Navarretia	hamata - hooked skunkweed	<1%	
Pilularia an	nericana - American pillwort	<1%	
Psilocarphus brevissim	us var. brevissimus - dwarf woollyhead	s <1%	
Psilocarphus te	enellus - slender woolly-marbles	<1%	
	<i>cinerascens</i> - ashy spike-moss	<1%	
Veronica peregrina	ssp. xalapensis - purslane speedwell	<1%	
Cover of Other Native Spe		e Species Richness in Basin: 10	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 10

#### Nonnative Species in Pool:

Species Name	Cover
Avena barbata - slender wild oat	<1%
Bromus hordeaceus - soft chess	<1%
Gastridium phleoides - nit grass	1-5%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative Specie	es Richness in Basin: 4

Bare Ground Cover in Basin: 50-75%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: no

Survey Year: 2020

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

VP ID: 1842

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Adenostoma fasciculatum - chamise
Avena barbata - slender wild oat
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Castilleja densiflora ssp. gracilis - graceful owl's clover
Centaurea melitensis - tocalote
<i>Clarkia</i> sp.
Cneoridium dumosum - bushrue
Cuscuta californica - chaparral dodder
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dipterostemon capitatus - blue dicks
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Festuca myuros - rattail sixweeks 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
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Marah macrocarpa - chilicothe
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Pentagramma triangularis - goldback fern
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium californicum - California everlasting
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus tenellus - slender woolly-marbles
Rafinesquia californica - California chicory
Salvia mellifera - black sage
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle

### Survey Year: 2020

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

Stephanomeria sp.
Stylocline gnaphaloides - everlasting neststraw
Trifolium microcephalum - small-head clover
Trifolium willdenovii - tomcat clover
Xylococcus bicolor - mission manzanita
Zeltnera venusta - California centaury

Survey Year: 2020			
Complex Name: Del Mar Mesa (H 1-10, 13-15, 18-23, 24-26)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 6/12/2020 Survey Star	t Time: 09:48 AM Survey End	<b>Time:</b> 10:22 AM	
Surveyors: Brenda Bennett, Ryan Meszaros	\$		
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Specie	es Name	Cover	
Adenostoma faso	<i>ciculatum</i> - chamise	<1%	
Cras	<i>Crassula</i> sp.		
Deinandra fasciculo	Deinandra fasciculata - fascicled tarweed		
Elatine brachysperma	a - short-seed waterwort	<1%	
Navarretia hamata	r - hooked skunkweed	<1%	
Pilularia american	<i>a</i> - American pillwort	<1%	
Selaginella cineraso	cens - ashy spike-moss	1-5%	

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

#### Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative S	pecies Richness in Basin: 2
Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in I	Basin: 50-75% Cover of Litter in Basin: <1%

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

Survey Year: 2020

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

VP ID: 2468

### 2020 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
Cneoridium dumosum - bushrue
Crassula connata - pygmy-weed
Deinandra fasciculata - fascicled tarweed
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca octoflora - sixweeks grass
Gamochaeta stagnalis - desert cudweed
Juncus bufonius - toad rush
Myosurus minimus ssp. apus - little mouse tail
Navarretia hamata - hooked skunkweed
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium sp.
Psilocarphus tenellus - slender woolly-marbles
Pterostegia drymarioides - granny's hairnet
Quercus dumosa - Nuttall's scrub oak
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Greystone Torrey Highlands (H39)		<b>VP ID:</b> 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
2020 Quantitative Monitoring Data	1	
Survey Date: 5/28/2020 Surv	ey Start Time: 04:48 PM Surve	<b>y End Time:</b> 05:11 PM
Surveyors: Sara Allen		
VPHCP Covered Species Present: PC	DAB, ERAR	
Cover of ERAR in Basin: 10	-25% <b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin: 10	-25% <b>Cover of PONU in Basin:</b>	
Other Native Species in Pool:		
	Species Name	Cover
Callitriche mar	ginata - winged water-starwort	<1%
Deinandra f	asciculata - fascicled tarweed	1-5%
Deschampsia d	anthonioides - annual hair grass	<1%
Eleocharis m	<i>acrostachya</i> - pale spike-rush	1-5%
Junci	<i>ıs bufonius -</i> toad rush	1-5%
Opuntia li	ittoralis - coast prickly-pear	<1%
Psilocarphus brevissim	us var. brevissimus - dwarf woollyhea	ads 5-10%

#### Nonnative Species in Pool:

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lythrum hyssopifolia - grass poly	10-25%
Polypogon monspeliensis - rabbitfoot grass	5-10%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nennative Species in Pasin: 10.25% Nennative Spec	ios Pichnoss in Bosin: E

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

Survey Year: 2020

Complex Name: Greystone Torrey Highlands (H39)

**VP ID:** 1177

### 2020 Quantitative Monitoring Data continued

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

	Species Name
Acmispon <u>c</u>	glaber var. glaber - deerweed
Acmispo	on micranthus - Grab Lotus
Amsinckia in	<i>termedia</i> - common fiddleneck
Baccha	<i>ris pilularis</i> - coyote brush
Bahiopsis I	laciniata - San Diego viguiera
Bromu	s hordeaceus - soft chess
Bromus	madritensis - foxtail chess
Crassul	la connata - pygmy-weed
Deinandra j	fasciculata - fascicled tarweed
Deschampsia d	danthonioides - annual hair grass
Dittrich	nia graveolens - stinkwort
Eleocharis n	nacrostachya - pale spike-rush
Encelia co	alifornica - California encelia
Erigerol	n canadensis - horseweed
Eriogonum fas	ciculatum - California buckwheat
Eriophyllum confertiflorum	var. confertiflorum - long-stem golden-yarrow
Erodium boti	rys - long-beak filaree/storksbill
Festuca m	yuros - rattail sixweeks grass
Geranium cal	lifornicum - California geranium
Helminthothe	eca echioides - bristly ox-tongue
Hetero	omeles arbutifolia - toyon
Hypochae	ris glabra - smooth cat's-ear
Junc	<i>us bufonius</i> - toad rush
Lactuce	a serriola - prickly lettuce
Logfia ga	llica - daggerleaf cottonrose
Lysimachia	a arvensis - scarlet pimpernel
Lythrur	n hyssopifolia - grass poly
Navarretia	hamata - hooked skunkweed
Opuntia l	<i>littoralis</i> - coast prickly-pear
Pogogyne a	bramsii - San Diego mesa mint
Polypogon n	nonspeliensis - rabbitfoot grass
Pseudognaphaliur	<i>m stramineum</i> - cotton-batting plant
Psilocarphus brevissim	nus var. brevissimus - dwarf woollyheads
	Solanum sp.
Sonchus aspe	er ssp. <i>asper</i> - prickly sow thistle
Sonchus ole	eraceus - common sow thistle
Stenhanomeria	diegensis - San Diego wreath-plant

Survey Year: 2020

Complex	Name: Greystone Torrey Highlands (H39)	<b>VP ID:</b> 1177
	Stipa pulchra - purple needle grass	
	Yucca schidigera - Mojave yucca	
	Zeltnera venusta - California centaury	

Survey Year: 2020		
Complex Name: Lopez Ridge (B7-8)		<b>VP ID:</b> 706
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	.0 Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 2.0	Baseline Cover of PONU: 0.	0.0
2020 Quantitative Monitoring Data		
Survey Date: 5/21/2020 Survey Start	t Time: 10:04 AM Surve	rey End Time: 11:28 AM
Surveyors: Sara Allen, Paula Birdwell		
VPHCP Covered Species Present: POAB		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin: 10-25%	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Brodiaea Orcuttii	i - Orcutt's brodiaea	5-10%
Deinandra fascicula	ata - fascicled tarweed	<1%
Deschampsia danthon	<i>ioides</i> - annual hair grass	5-10%
Downingia cuspidat	a - toothed downingia	5-10%
Juncus bufor	<i>nius</i> - toad rush	5-10%
Lysimachia mir	Lysimachia minima - chaffweed	
Navarretia hamata	r - hooked skunkweed	<1%
Opuntia littoralis	- coast prickly-pear	<1%
Psilocarphus brevissimus var.	<i>brevissimus</i> - dwarf woollyhea	eads 1-5%
Zeltnera venusta	- California centaury	<1%
Cover of Other Native Species in E	Basin: 25-50% Other Nat	ative Species Richness in Basin: 10

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Phalaris aquatica - harding grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Silene gallica - windmill pink	<1%

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

**Nonnative Species Richness in Basin:** 7

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

Survey Year: 2020

**Complex Name:** Lopez Ridge (B7-8)

2020 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
Bloomeria clevelandii - San Diego goldenstar
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Castilleja densiflora ssp. gracilis - graceful owl's clover
Centaurea melitensis - tocalote
Clarkia purpurea ssp. quadrivulnera - four-spot
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dipterostemon capitatus - blue dicks
Dittrichia graveolens - stinkwort
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Galium angustifolium ssp. angustifolium - narrow leaved bedstraw
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lathyrus vestitus var. alefeldii - San Diego sweet pea
Lupinus bicolor - miniature lupine
Lysimachia minima - chaffweed
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Pentagramma glanduloviscida - San Diego silverback fern
Pogogyne abramsii - San Diego mesa mint
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

**VP ID:** 706

### Survey Year: 2020

Complex Na	ame: Lopez Ridge (B7-8)	<b>VP ID:</b> 706
	Selaginella cinerascens - ashy spike-moss	
	Sonchus asper ssp. asper - prickly sow thistle	
	Sonchus oleraceus - common sow thistle	
	Stipa diegoensis - San Diego needle grass	
	Stipa pulchra - purple needle grass	
	Xylococcus bicolor - mission manzanita	
	Zeltnera venusta - California centaury	

Complex Name: Lopez Ridge (B7-8)			<b>VP ID:</b> 712	
			VI 10.712	
2003 Baseline Survey				
Baseline Cover of ERA	<b>R:</b> 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POA	<b>B:</b> 1.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Mo	nitoring Data			
Survey Date: 5/21/202	20 Survey Star	rt Time: 11:36 AM Survey En	<b>d Time:</b> 12:03 PM	
Surveyors: Sara Allen,I	Paula Birdwell			
VPHCP Covered Specie	es Present: POAB			
Cover of ERA	R in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POA	B in Basin: 25-50%	Cover of PONU in Basin:		
Other Native Species i	in Pool:			
	Spec	ies Name	Cover	
	Brodiaea Orcutt	ii - Orcutt's brodiaea	<1%	
	Deinandra fascicul	ata - fascicled tarweed	1-5%	
D	eschampsia danthoi	nioides - annual hair grass	1-5%	
	Downingia cuspida	ta - toothed downingia	<1%	
		nius - toad rush	<1%	
	-	brevissimus - dwarf woollyheads	1-5%	
Psilocarn	hus hrevissimus var		1 3/0	
Psilocarp			-1%	
Psilocarp	Selaginella cineras	cens - ashy spike-moss - California centaury	<1% <1%	

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

### Nonnative Species in Pool:

Species Name	Cover
Gastridium phleoides - nit grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative Sp	ecies Richness in Basin: 2
Bare Ground Cover in Basin: 25-50% Cover of Rocks/Cobble in Ba	asin: 25-50% Cover of Litter in Basin: <1%

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

Survey Year: 2020

Complex Name: Lopez Ridge (B7-8)

### 2020 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
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Castilleja densiflora ssp. gracilis - graceful owl's clover
Ceanothus tomentosus - Ramona-lilac
Centaurea melitensis - tocalote
Clarkia purpurea ssp. quadrivulnera - four-spot
Crocanthemum scoparium - peak rush-rose
Cuscuta californica - chaparral dodder
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Dipterostemon capitatus - blue dicks
Dittrichia graveolens - stinkwort
Eriophyllum confertiflorum var. confertiflorum - long-stem golden-yarrow
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Logfia gallica - daggerleaf cottonrose
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Pentachaeta aurea ssp. aurea - golden-rayed pentachaeta
Selaginella cinerascens - ashy spike-moss
Sisyrinchium bellum - western blue-eyed-grass
Stylocline gnaphaloides - everlasting neststraw

Notes:

VP ID: 712

Complex Name: Cal Terraces (North), Ot	av Mosa Road Parcols (12)	<b>VP ID:</b> 42
	ay Mesa Rodu Parceis (JZ)	VP ID: 42
2003 Baseline Survey Data		
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2020 Quantitative Monitoring Data		
		<b>d Time:</b> 11:35 AM
Surveyors: Brenda Bennett, Ryan Meszar		
VPHCP Covered Species Present: NAFO, I		
Cover of ERAR in Basin: 10-25%		Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
	cies Name	Cover
	una - Texas bergia	1-5%
	<i>ılata</i> - fascicled tarweed	1-5%
Deschampsia danthonioides - annual hair grass		1-5%
Elatine brachyspern	na - short-seed waterwort	<1%
	tachya - pale spike-rush	1-5%
Epilobium campes	tre - smooth boisduvalia	1-5%
Juncus buf	onius - toad rush	<1%
Lysimachia n	ninima - chaffweed	1-5%
Myosurus minimus s	ssp. <i>apus</i> - little mouse tail	<1%
Navarretia hama	<i>ta</i> - hooked skunkweed	<1%
Pilularia america	Pilularia americana - American pillwort	
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	5-10%
Triglochin scilloid	es - flowering-quillwort	<1%
Zeltnera venust	a - California centaury	<1%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 14

#### Nonnative Species in Pool:

Species Name		Cover
Dittrichia graveolens - stinkwort		<1%
Polypogon monspeliensis - rabbitfoot grass		<1%
Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 2		
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: >16	Ponded Water Present: no	

Survey Year: 2020

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

**VP ID:** 42

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cryptantha sp.
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Gamochaeta stagnalis - desert cudweed
Logfia gallica - daggerleaf cottonrose
Lysimachia minima - chaffweed
Navarretia hamata - hooked skunkweed
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Psilocarphus tenellus - slender woolly-marbles
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Cal Terraces (North), Ot	ay Mesa Road Parcels (JZ)	<b>VP ID:</b> 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	Baseline Cover of PONU: 38.0	
2020 Quantitative Monitoring Data		
	-	<b>1 Time:</b> 12:02 PM
Surveyors: Brenda Bennett, Ryan Meszar		
VPHCP Covered Species Present: PONU,	NAFO, ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 1-5%	
Other Native Species in Pool:		
Spe	Species Name	
Baccharis sarothr	oides - broom baccharis	1-5%
Bergia texa	una - Texas bergia	<1%
Cylindropuntia j	<i>prolifera</i> - coast cholla	<1%
Deinandra fascicu	llata - fascicled tarweed	1-5%
Deschampsia dantho	onioides - annual hair grass	<1%
Eleocharis macros	<i>tachya</i> - pale spike-rush	<1%
Epilobium campes	tre - smooth boisduvalia	75-100%
Juncus buf	onius - toad rush	<1%
Lysimachia n	ninima - chaffweed	1-5%
Navarretia hama	ta - hooked skunkweed	<1%
Pilularia america	<i>ına</i> - American pillwort	<1%
Plantago elong	<i>ata</i> - prairie plantain	<1%
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	5-10%
Zeltnera venust	a - California centaury	<1%
Cover of Other Native Species in	Basin: 75-100% Other Native S	necies Richness in Basin: 14

Cover of Other Native Species in Basin: 75-100% Other Native Species Richness in Basin: 14

#### Nonnative Species in Pool:

Species Name		Cover
Dittrichia graveolens - stinkw	ort	<1%
Lysimachia arvensis - scarlet pim	pernel	<1%
Polypogon monspeliensis - rabbitfo	oot grass	<1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Specie	es Richness in Basin: 3

Bare Ground Cover in Basin: 1-5%

Ponded Water Present: no

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

Days Since Last Rain: >16

Survey Year: 2020

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

**VP ID:** 51

### 2020 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
Amsinckia sp.
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Callitriche marginata - winged water-starwort
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
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lysimachia minima - chaffweed
Lythrum hyssopifolia - grass poly
Peritoma arborea - bladderpod
Pilularia americana - American pillwort
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Ricinus communis - castor bean

Survey	Year:	2020
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Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

Silene gallica - windmill pink Simmondsia chinensis - jojoba Sonchus asper ssp. asper - prickly sow thistle Zeltnera venusta - California centaury

Notes: CAGN

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 67
2003 Baseline Survey Data		
Baseline Cover of ERAR: 3.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 63.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey S	Start Time: 10:54 AM Survey E	nd Time: 11:22 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR,	, PONU	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 1-5%	
Other Native Species in Pool:		
Sp	becies Name	Cover
Baccharis sarot	hroides - broom baccharis	1-5%
Cylindropunti	<i>a prolifera -</i> coast cholla	<1%
Deinandra fasci	iculata - fascicled tarweed	1-5%
Deschampsia dant	honioides - annual hair grass	1-5%
Navarretia ham	nata - hooked skunkweed	1-5%
Psilocarphus brevissimus v	var. brevissimus - dwarf woollyheads	1-5%
Sisyrinchium bellu	<i>m</i> - western blue-eyed-grass	1-5%
	Typha sp.	<1%
<b>Cover of Other Native Species</b>	in Basin: 5-10% Other Native	Species Richness in Basin: 8

**Cover of Other Native Species in Basin:** 5-10% **Other Native Species Richness in Basin:** 8

### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Gastridium phleoides - nit grass	1-5%
Lysimachia arvensis - scarlet pimpernel	1-5%

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

Days Since Last Rain: >16

Survey Year: 2020

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

VP ID: 67

#### 2020 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
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Navarretia hamata - hooked skunkweed
Pseudognaphalium biolettii - bicolor cudweed
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Notes: CAGN, unidentified grass

omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 78	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 1.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Sta	rt Time: 10:48 AM Survey End	<b>Time:</b> 11:28 AM	
Surveyors: Sara Allen			
VPHCP Covered Species Present: PONU, B	ERAR, ORCA		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin: <1%	
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 5-10%		
Other Native Species in Pool:			
Spec	cies Name	Cover	
Crassula aquatica - water pygmyweed		<1%	
Deinandra fasciculata - fascicled tarweed		1-5%	
Deschampsia danthonioides - annual hair grass		1-5%	
Eleocharis macros	<i>tachya</i> - pale spike-rush	10-25%	
Epilobium campes	tre - smooth boisduvalia	<1%	
Juncus bufe	onius - toad rush	5-10%	
Marsilea vestit	a - hairy waterclover	<1%	
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	5-10%	

Nonnative Species in Pool:

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Lythrum hyssopifolia - grass poly	<1%
Phalaris minor - little-seeded canary grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%Nonnative Species Richness in Basin: 4Bare 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:East Rain: >10 - 25%East Rain: >10 - 25%

Page 69

Survey Year: 2020

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

**VP ID:** 78

### 2020 Quantitative Monitoring Data continued

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

red species in burier. (Burier - 20 root of o meter radius dround basin perimeter)	
Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Avena barbata - slender wild oat	
Bahiopsis laciniata - San Diego viguiera	
Brachypodium distachyon - purple false brome	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Cylindropuntia californica var. californica - snake cholla	
Cylindropuntia prolifera - coast cholla	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
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	
Lactuca serriola - prickly lettuce	
<i>Lamarckia aurea</i> - golden-top	
Logfia gallica - daggerleaf cottonrose	
Mesembryanthemum crystallinum - crystalline iceplant	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Navarretia hamata - hooked skunkweed	
Pogogyne nudiuscula - Otay mesa mint	
Pseudognaphalium stramineum - cotton-batting plant	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Rosa minutifolia - small-leaved rose	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Stephanomeria diegensis - San Diego wreath-plant	
Stipa lepida - foothill needle grass	
Zeltnera venusta - California centaury	

Survey Year: 2020

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

Notes:

**VP ID:** 78

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/19/2020 Survey Star	rt Time: 12:59 PM Survey En	d Time: 01:20 PM
Surveyors: Ryan Meszaros, Brenda Bennet	tt	
VPHCP Covered Species Present: ERAR, PC	UNC	
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: 25-50%	6
Other Native Species in Pool:		
Speci	ies Name	Cover
Deinandra fascicul	ata - fascicled tarweed	1-5%
Deschampsia danthoi	nioides - annual hair grass	1-5%
Elatine brachysperm	a - short-seed waterwort	<1%
Myosurus minimus ss	sp. <i>apus</i> - little mouse tail	<1%
Navarretia hamat	a - hooked skunkweed	<1%
Plantago elongo	ata - prairie plantain	1-5%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		10-25%

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

<1%
<1%
<1%
ss in Basin: 3

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

Survey Year: 2020

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

VP ID: 89

### 2020 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 fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Erigeron canadensis - horseweed
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
Lamarckia aurea - golden-top
<i>Logfia</i> sp.
Lysimachia minima - chaffweed
Mesembryanthemum crystallinum - crystalline iceplant
Mesembryanthemum nodiflorum - slender-leaved iceplant
Navarretia hamata - hooked skunkweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
Stipa pulchra - purple needle grass
Toxicoscordion fremontii - Fremont's camas
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 96
2003 Baseline Survey Data		
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 1	.0 Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU:	3.0
2020 Quantitative Monitoring Data		
Survey Date: 6/19/2020 Survey	/ Start Time: 01:26 PM Surv	vey End Time: 01:42 PM
Surveyors: Brenda Bennett, Ryan Me	szaros	
VPHCP Covered Species Present: ERA	R	
Cover of ERAR in Basin: 25-	50% <b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
	Species Name	Cover
Deinandra fas	ciculata - fascicled tarweed	1-5%
Deschampsia da	<i>nthonioides</i> - annual hair grass	<1%
Elatine brachys	perma - short-seed waterwort	<1%
Epilobium can	pestre - smooth boisduvalia	5-10%
Juncus	<i>bufonius</i> - toad rush	<1%
Lysimach	<i>ia minima</i> - chaffweed	<1%
Navarretia ho	amata - hooked skunkweed	<1%
Psilocarphus brevissimu	s var. <i>brevissimus</i> - dwarf woollyh	eads 5-10%
Zeltnera ver	<i>usta</i> - California centaury	<1%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 9

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

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 1-5%         Nonnative Species Richness in Basin: 2	
Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Bas	sin: 25-50% Cover of Litter in Basin: <1%

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

Survey Year: 2020

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

**VP ID:** 96

#### 2020 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
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Distichlis spicata - salt grass
Erigeron canadensis - horseweed
Erigeron sumatrensis - tropical horseweed
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Mesembryanthemum crystallinum - crystalline iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Rhus integrifolia - lemonade berry
Rosa minutifolia - small-leaved rose
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa pulchra - purple needle grass
Toxicoscordion fremontii - Fremont's camas
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 100	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey St	art Time: 10:45 AM Survey En	d Time: 11:07 AM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: 25-509	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> <1%		
Other Native Species in Pool:			
Spe	ecies Name	Cover	
Callitriche marginata - winged water-starwort		<1%	
Deinandra fascio	ulata - fascicled tarweed	1-5%	
Deschampsia danthonioides - annual hair grass		<1%	
Elatine brachysperma - short-seed waterwort		<1%	
Eleocharis macrostachya - pale spike-rush		5-10%	
Epilobium campestre - smooth boisduvalia		<1%	
Juncus bufonius - toad rush		<1%	
Marsilea vestita - hairy waterclover		<1%	
Navarretia hamata - hooked skunkweed		<1%	
Pilularia americana - American pillwort		<1%	
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Toxicoscordion fre	emontii - Fremont's camas	<1%	
Triglochin scilloi	<i>des</i> - flowering-quillwort	<1%	

**Cover of Other Native Species in Basin:** 25-50% **Other Native Species Richness in Basin:** 13

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<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:** 5-10%

**Nonnative Species Richness in Basin:** 6

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

Survey Year: 2020

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

**VP ID:** 100

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Distichlis spicata - salt grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eriogonum gracile - slender buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
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)		<b>VP ID:</b> 295	
003 Baseline Survey Data			
aseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
aseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
020 Quantitative Monitoring Data			
urvey Date: 6/22/2020 Survey S	tart Time: 11:19 AM Survey En	d Time: 11:42 AM	
urveyors: Ryan Meszaros			
PHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50	% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Sp	ecies Name	Cover	
Baccharis sarothroides - broom baccharis		<1%	
Callitriche marginata - winged water-starwort		1-5%	
Deinandra fasciculata - fascicled tarweed		1-5%	
Eleocharis macrostachya - pale spike-rush		1-5%	
Epilobium campestre - smooth boisduvalia		<1%	
Juncus bufonius - toad rush		1-5%	
Pilularia ameri	Pilularia americana - American pillwort		
Psilocarphus brevissimus v	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Zeltnera venusta - California centaury		<1%	

**Cover of Other Native Species in Basin:** 5-10% **Other Native Species Richness in Basin:** 9

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

Species Name	Cover
Festuca myuros - rattail sixweeks g	rass <1%
Festuca perennis - rye grass	1-5%
Lythrum hyssopifolia - grass poly	y 1-5%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Species Richness in Basin: 3

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

Survey Year: 2020

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

VP ID: 295

### 2020 Quantitative Monitoring Data continued

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

Stephanomeria sp.	
Sonchus oleraceus - common sow thistle	
Sonchus asper ssp. asper - prickly sow thistle	
Solanum sp.	
Simmondsia chinensis - jojoba	
Salsola tragus - Russian thistle	
Rhus integrifolia - lemonade berry	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Polypogon monspeliensis - rabbitfoot grass	
Opuntia littoralis - coast prickly-pear	
Navarretia hamata - hooked skunkweed	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Mesembryanthemum crystallinum - crystalline iceplant	
Malosma laurina - laurel sumac	
Lysimachia arvensis - scarlet pimpernel	
Lactuca serriola - prickly lettuce	
Hordeum marinum ssp. gussoneanum - Mediterranean barley	
Festuca perennis - rye grass	
Festuca myuros - rattail sixweeks grass	
Ferocactus viridescens - San Diego barrel cactus	
<i>Euphorbia</i> sp.	
Erodium botrys - long-beak filaree/storksbill	
Eriogonum fasciculatum - California buckwheat	
Encelia californica - California encelia	
Distichlis spicata - salt grass	
Deinandra fasciculata - fascicled tarweed	
Cylindropuntia prolifera - coast cholla	
Cylindropuntia californica var. californica - snake cholla	
Centaurea melitensis - tocalote	
Carduus pycnocephalus ssp. pycnocephalus - Italian thistle	
Bromus madritensis - foxtail chess	
Brassica nigra - black mustard	
Bahiopsis laciniata - San Diego viguiera	
Baccharis sarothroides - broom baccharis	
Atriplex pacifica - south coast saltscale	
Artemisia californica - California sagebrush	
Ambrosia chenopodiifolia - San Diego bur-sage	

Survey Year: 2020

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

VP ID: 295

Stipa pulchra - purple needle grass Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North),	mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 37.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey	Start Time: 09:28 AM Survey End	d Time: 09:50 AM
Surveyors: Ryan Meszaros, Brenda Ber	nnett	
/PHCP Covered Species Present: PON	U, 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: 10-25%	6
Other Native Species in Pool:		
S	pecies Name	Cover
Crassula aqua	Crassula aquatica - water pygmyweed	
Deinandra fasc	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass		1-5%
Elatine brachysp	Elatine brachysperma - short-seed waterwort	
Juncus k	Juncus bufonius - toad rush	
Myosurus minimu	Myosurus minimus ssp. apus - little mouse tail	
Navarretia hai	Navarretia hamata - hooked skunkweed	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 8

### Nonnative Species in Pool:

Species Name		Cover
Dittrichia graveolens - stinkwo	rt	<1%
Festuca myuros - rattail sixweeks	grass	<1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Specie	es Richness in Basin: 2

 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

Survey Year: 2020

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

VP ID: 301

#### 2020 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 canescens - four-wing saltbush
Bromus madritensis - foxtail chess
Carduus pycnocephalus ssp. pycnocephalus - Italian thistle
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia californica var. californica - snake cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
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
Helminthotheca echioides - bristly ox-tongue
Hooveria parviflora
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Mesembryanthemum crystallinum - crystalline iceplant
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sisymbrium irio - London rocket
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 445	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Sta	art Time: 09:52 AM Survey End	Time: 10:16 AM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: PONU,	ERAR, ORCA		
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: 25-50%		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Callitriche marginat	Callitriche marginata - winged water-starwort		
Deinandra fasciculata - fascicled tarweed		1-5%	
Deschampsia danthonioides - annual hair grass		<1%	
Elatine brachysperma - short-seed waterwort		<1%	
Eleocharis macrostachya - pale spike-rush		1-5%	
Juncus bufonius - toad rush		<1%	
Navarretia hamata - hooked skunkweed		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		50-75%	
Toxicoscordion fremontii - Fremont's camas		<1%	
Zeltnera venust	Zeltnera venusta - California centaury		

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

**Cover of Nonnative Species in Basin:** 5-10% Bare Ground Cover in Basin: 1-5% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: 1-5% Days Since Last Rain: >16

**Nonnative Species Richness in Basin:** 8

Ponded Water Present: no

Survey Year: 2020

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

VP ID: 445

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
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
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Rosa minutifolia - small-leaved rose
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 447	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 63.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Sta	rt Time: 09:58 AM Survey En	d Time: 10:20 AM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	Species Name		
Callitriche marginato	Callitriche marginata - winged water-starwort		
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Elatine brachysperm	Elatine brachysperma - short-seed waterwort		
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Epilobium campest	Epilobium campestre - smooth boisduvalia		
Juncus bufonius - toad rush		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%	
Triglochin scilloide	Triglochin scilloides - flowering-quillwort		
Zeltnera venusta	Zeltnera venusta - California centaury		

**Cover of Other Native Species in Basin:** 25-50% **Other Native Species Richness in Basin:** 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%
Cover of Nonnative Species in Basin: 1-5% Nonnative Species	es Richness in Basin: 3
Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin:	10-25% <b>Cover of Litter in Basin:</b> <1%

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

Survey Year: 2020

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

VP ID: 447

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Erigeron canadensis - horseweed
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lythrum hyssopifolia - grass poly
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 449	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey Sta	rt Time: 10:25 AM Survey End	Time: 10:49 AM	
Surveyors: Brenda Bennett, Ryan Meszaro	DS		
VPHCP Covered Species Present: PONU, B	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: 10-25%		
Other Native Species in Pool:			
Spec	Species Name		
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Juncus bufe	Juncus bufonius - toad rush		
Myosurus minimus s	Myosurus minimus ssp. apus - little mouse tail		
Navarretia hamat	Navarretia hamata - hooked skunkweed		
Pilularia america	Pilularia americana - American pillwort		
Plagiobothrys acanthoc	Plagiobothrys acanthocarpus - adobe popcornflower		
Plantago elong	Plantago elongata - prairie plantain		
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		

### Nonnative Species in Pool:

Species I	Name	Cover
Beta vulgaris ssp. me	aritima - sea beet	<1%
Bromus hordeace	eus - soft chess	<1%
Dittrichia graveol	ens - stinkwort	<1%
Festuca myuros - rati	tail sixweeks grass	1-5%
Cover of Nonnative Species in Basin	1-5% Nonnative Species Rick	hness in Basin: 4
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: 10-2	5% Cover of Litter in Basin: <1%
Days Since Last Rain: >16	Ponded Water Present: no	

Days Since Last Rain: >16

Survey Year: 2020

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

VP ID: 449

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Chenopodium murale - nettle-leaf goosefoot
Deinandra fasciculata - fascicled tarweed
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
Grindelia camporum - gumplant
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum crystallinum - crystalline iceplant
Phacelia cicutaria - caterpillar phacelia
Plantago erecta - dot-seed plantain
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Rhus integrifolia - lemonade berry
Selaginella cinerascens - ashy spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 450
2003 Baseline Survey Data		
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey	Start Time: 09:48 AM Survey En	<b>d Time:</b> 10:21 AM
Surveyors: Ryan Meszaros, Brenda Be	nnett	
VPHCP Covered Species Present: PON	IU, ERAR	
Cover of ERAR in Basin: 25-5	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
2	Species Name Baccharis sarothroides - broom baccharis	
Baccharis sarc		
Deinandra fas	Deinandra fasciculata - fascicled tarweed	
Deschampsia dai	Deschampsia danthonioides - annual hair grass	
Navarretia ha	Navarretia hamata - hooked skunkweed	
Plagiobothrys acant	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago el	Plantago elongata - prairie plantain	
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	<1%
Cover of Nonnative Species in Basin: 5-10% Nonnative Specie	s Richness in Basin: 6

 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:
 Formation of the second s

Survey Year: 2020

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

VP ID: 450

### 2020 Quantitative Monitoring Data continued

Species Name
Acmispon glaber var. glaber - deerweed
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
Beta vulgaris ssp. maritima - sea beet
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Carduus pycnocephalus ssp. pycnocephalus - Italian thistle
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Deinandra fasciculata - fascicled tarweed
Dipterostemon capitatus - blue dicks
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
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Mesembryanthemum crystallinum - crystalline iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Peritoma arborea - bladderpod
Plagiobothrys collinus - Cooper's popcornflower
Plantago elongata - prairie plantain
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Psilocarphus tenellus - slender woolly-marbles

Survey	Year:	2020
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Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)

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VP ID: 450
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Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 451	
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: 3.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey St	art Time: 11:11 AM Survey Er	d Time: 12:00 PM	
urveyors: Brenda Bennett			
/PHCP Covered Species Present: ERAR, I	PONU		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spe	Species NameBergia texana - Texas bergiaDeinandra conjugens - Otay tarplantDeinandra fasciculata - fascicled tarweedElatine brachysperma - short-seed waterwortEleocharis macrostachya - pale spike-rushEpilobium campestre - smooth boisduvalia		
Bergia text			
Deinandra con			
Deinandra fascici			
Elatine brachysperr			
Eleocharis macro.			
Epilobium campes			
Juncus buj	Juncus bufonius - toad rush		
Myosurus minimus	Myosurus minimus ssp. apus - little mouse tail		
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	

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

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Centaurea melitensis - tocalote	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lythrum hyssopifolia - grass poly	1-5%
Phalaris minor - little-seeded canary grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	1-5%
Sonchus oleraceus - common sow thistle	1-5%

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

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

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

 Dead Species Present in Pool:
 Vertical State Sta

Survey Year: 2020

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

VP ID: 451

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cryptantha muricata - prickly cryptantha
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
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
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Grindelia camporum - gumplant
Lactuca serriola - prickly lettuce
Lycium andersonii - Anderson's desert thorn
Lythrum hyssopifolia - grass poly
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Notes: CAGN

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 452
2003 Baseline Survey Data		
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey Star	t Time: 10:55 AM Survey End	d Time: 12:00 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: PONU, El	RAR	
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: 5-10%	
Other Native Species in Pool:		
Speci	es Name	Cover
Callitriche marginata	- winged water-starwort	<1%
Deinandra conju	gens - Otay tarplant	<1%
Deinandra fasciculo	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthor	Deschampsia danthonioides - annual hair grass	
Eleocharis macroste	Eleocharis macrostachya - pale spike-rush	
	Juncus bufonius - toad rush	
Juncus bufo		
	brevissimus - dwarf woollyheads	5-10%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 8

### Nonnative Species in Pool:

Species Name	Cover
Festuca perennis - rye grass	<1%
Gastridium phleoides - nit grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Parapholis incurva - sicklegrass	<1%
Cover of Nonnative Species in Basin: 1-5% Nonnative Spe	ecies Richness in Basin: 3

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

Survey Year: 2020

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

VP ID: 452

### 2020 Quantitative Monitoring Data continued

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Parapholis incurva - sicklegrass
Phalaris minor - little-seeded canary grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Solanum americanum - white nightshade
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Survey Year: 2020

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

Notes:

VP ID: 452

Survey Year: 2020			
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 459	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey Sta	art Time: 12:43 PM Survey End	d Time: 01:12 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR, P	ONU		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	Species Name		
Bergia texa	Bergia texana - Texas bergia		
Deinandra conj	Deinandra conjugens - Otay tarplant		
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantha	Deschampsia danthonioides - annual hair grass		
Elatine brachysperm	Elatine brachysperma - short-seed waterwort		
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Juncus buf	Juncus bufonius - toad rush		
Myosurus minimus s	Myosurus minimus ssp. apus - little mouse tail		
Navarretia hama	Navarretia hamata - hooked skunkweed		
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%	
Cover of Other Native Species ir	Basin: 10-25% Other Native S	pecies Richness in Basin: 10	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 10

### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Sonchus oleraceus - common sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 5

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

Survey Year: 2020

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

VP ID: 459

### 2020 Quantitative Monitoring Data continued

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium ciliatum - willow herb
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
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
<i>Logfia arizonica</i> - Arizona cottonrose <i>Logfia gallica</i> - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
<i>Opuntia littoralis -</i> coast prickly-pear <i>Phalaris minor</i> - 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
Sonchus oleraceus - common sow thistle
Sonchus oleraceus - common sow thistle Stephanomeria sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Supa palenta - parpie needle grass

Survey Year: 2020

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

**VP ID:** 459

Zeltnera venusta - California centaury

mplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 464	
003 Baseline Survey Data			
aseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
aseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0		
020 Quantitative Monitoring Data			
urvey Date: 6/16/2020 Survey St	art Time: 12:32 PM Survey En	d Time: 12:57 PM	
urveyors: Ryan Meszaros			
PHCP Covered Species Present: PONU,	ERAR		
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
ther Native Species in Pool:			
Spe	cies Name	Cover	
Baccharis sarothi	roides - broom baccharis	<1%	
Bergia text	Bergia texana - Texas bergia		
Convolvulus simulans -	Convolvulus simulans - small-flowered morning-glory		
Deinandra con	Deinandra conjugens - Otay tarplant		
Deinandra fascici	Deinandra fasciculata - fascicled tarweed		
Eleocharis macro.	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Juncus buj	<i>fonius</i> - toad rush	<1%	
Т	ypha sp.	<1%	

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

Species Name	Cover
Brassica nigra - black mustard	<1%
Bromus hordeaceus - soft chess	1-5%
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium cicutarium - redstem filaree	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
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: 10-25% Nonnat

Nonnative Species Richness in Basin: 10

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

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

Survey Year: 2020

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

**VP ID:** 464

### 2020 Quantitative Monitoring Data continued

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Avena fatua - wild oat	
Bahiopsis laciniata - San Diego viguiera	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Convolvulus simulans - small-flowered morning-glory	
Cylindropuntia prolifera - coast cholla	
Deinandra conjugens - Otay tarplant	
Deinandra fasciculata - fascicled tarweed	
Dittrichia graveolens - stinkwort	
Encelia californica - California encelia	
Erigeron bonariensis - flax-leaved horseweed	
Erigeron canadensis - horseweed	
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	
Lactuca serriola - prickly lettuce	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Lysimachia arvensis - scarlet pimpernel	
Malosma laurina - laurel sumac	
Opuntia littoralis - coast prickly-pear	
Phalaris minor - little-seeded canary grass	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stephanomeria sp.	
Stipa lepida - foothill needle grass	
Zeltnera venusta - California centaury	

Survey Year: 2020

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

Notes:

**VP ID:** 464

Complex Name: Cal Terraces (North), Ota	Wasa Road Parcols (12)	<b>VP ID:</b> 471	
	ay Mesa Road Parcels (J2)	VP ID: 4/1	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 3.0	Baseline Cover of ORCA: 3.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 38.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey Sta	Int Time: 01:02 PM Survey End	d Time: 01:34 PM	
urveyors: Ryan Meszaros			
PHCP Covered Species Present: PONU, I	ERAR, NAFO		
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: 1-5%		
Other Native Species in Pool:			
Spee	Species Name		
Baccharis sarothr	oides - broom baccharis	1-5%	
Bergia texa	<i>na</i> - Texas bergia	1-5%	
Deinandra conj	ugens - Otay tarplant	1-5%	
Deinandra fascicu	lata - fascicled tarweed	1-5%	
Deschampsia dantha	onioides - annual hair grass	<1%	
Elatine brachyspern	a - short-seed waterwort	<1%	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Juncus buf	onius - toad rush	<1%	
	Marsilea vestita - hairy waterclover		
	. brevissimus - dwarf woollyheads	1-5%	
Cover of Other Native Species in		pecies Richness in Basin: 11	

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 25-50%Cover of Litter in Basin: <1%</td>Days Since Last Rain: >16Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 471

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
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
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North) Off	y Mesa Road Parcels (J2)	<b>VP ID:</b> 473
•		
2003 Baseline Survey Data		
Baseline 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey Sta	rt Time: 01:28 PM Survey End	Time: 02:08 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR, Po	ONU, NAFO	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin: 5-10%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spec	ies Name	Cover
Callitriche marginato	a - winged water-starwort	<1%
Deinandra fascicu	lata - fascicled tarweed	1-5%
Deschampsia dantho	Deschampsia danthonioides - annual hair grass	
Elatine brachysperm	Elatine brachysperma - short-seed waterwort	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush	
Juncus bufonius - toad rush		<1%
Juncus bufc	Lysimachia minima - chaffweed	
	<i>inima</i> - chaffweed	<1%
Lysimachia m	<i>inima</i> - chaffweed a - hooked skunkweed	<1%
Lysimachia m Navarretia hamat		

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

Species	Name	Cover
Festuca myuros - ra	ttail sixweeks grass	<1%
Lysimachia arvensis	- scarlet pimpernel	<1%
Polypogon monspelie	nsis - rabbitfoot grass	<1%
Sonchus asper ssp. asp	er - prickly sow thistle	<1%
Cover of Nonnative Species in Basi	n: 1-5% Nonnative Species	Richness in Basin: 4
Bare Ground Cover in Basin: 10-25	<b>Cover of Rocks/Cobble in Basin:</b>	10-25% <b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: >16	Ponded Water Present: no	

Survey Year: 2020

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

VP ID: 473

### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Navarretia hamata - hooked skunkweed
Phalaris minor - little-seeded canary grass
Plantago elongata - prairie plantain
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Cal Terraces (North), Otay	y Mesa Road Parcels (J2)	<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey Star	t Time: 02:15 PM Survey En	<b>d Time:</b> 02:54 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR, OR	RCA	
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:	
Other Native Species in Pool:		
Speci	es Name	Cover
Deinandra fasciculo	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthon	nioides - annual hair grass	<1%
Elatine brachysperme	a - short-seed waterwort	1-5%
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush	
Epilobium campestr	Epilobium campestre - smooth boisduvalia	
Juncus bufor	Juncus bufonius - toad rush	
Marsilea vestita	Marsilea vestita - hairy waterclover	
Pilularia american	Pilularia americana - American pillwort	
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Simmondsia c	chinensis - jojoba	<1%
		<1%
Triglochin scilloides	s - flowering-quillwort	<1%

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3

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

Survey Year: 2020

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

VP ID: 483

### 2020 Quantitative Monitoring Data continued

ted openes in Bullet. (Be	
	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
	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
	Elatine brachysperma - short-seed waterwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Epilobium campestre - smooth boisduvalia
	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
	Hypochaeris glabra - smooth cat's-ear
	Lycium andersonii - Anderson's desert thorn
	Lycium californicum - California box-thorn
	Navarretia hamata - hooked skunkweed
	Orcuttia californica - California Orcutt grass
	Peritoma arborea - bladderpod
	Pogogyne nudiuscula - Otay mesa mint
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Rosa minutifolia - small-leaved rose
	Simmondsia chinensis - jojoba
	Sonchus asper ssp. asper - prickly sow thistle
	Sonchus oleraceus - common sow thistle
	Stephanomeria sp.
	Triglochin scilloides - flowering-quillwort

Survey Year: 2020

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

**VP ID:** 483

Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Ot	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 484
2003 Baseline 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey St	art Time: 01:48 PM Survey End	d Time: 02:12 PM
urveyors: Ryan Meszaros		
/PHCP Covered Species Present: PONU,	ERAR, ORCA	
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%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Bergia text	ana - Texas bergia	<1%
Deinandra fascico	Deinandra fasciculata - fascicled tarweed	
Deschampsia danth	Deschampsia danthonioides - annual hair grass	
Elatine brachysperr	Elatine brachysperma - short-seed waterwort	
Eleocharis macro.	Eleocharis macrostachya - pale spike-rush	
Juncus buj	Juncus bufonius - toad rush	
Marsilea vesti	Marsilea vestita - hairy waterclover	
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	1-5%
Trialachia saillais	les - flowering-quillwort	<1%

**Cover of Other Native Species in Basin:** 5-10% **Other Native Species Richness in Basin:** 9

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 1-5% Nonnative Species Richness in Basin: 3 Bare Ground Cover in Basin: 50-75% Cover of Rocks/Cobble in Basin: 10-25% Cover of Litter in Basin: <1% Ponded Water Present: no **Days Since Last Rain:** >16

Survey Year: 2020

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

VP ID: 484

### 2020 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	
Bahiopsis laciniata - San Diego viguiera	
Bergerocactus emoryi - golden-spined cereus	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Eleocharis macrostachya - pale spike-rush	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Eryngium aristulatum var. parishii - San Diego button-celery	
Euphorbia misera - cliff spurge	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Navarretia hamata - hooked skunkweed	
Orcuttia californica - California Orcutt grass	
Pogogyne nudiuscula - Otay mesa mint	
Pseudognaphalium biolettii - bicolor cudweed	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Salsola tragus - Russian thistle	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stephanomeria sp.	
Stipa lepida - foothill needle grass	
Stipa pulchra - purple needle grass	
Yucca schidigera - Mojave yucca	
Zeltnera venusta - California centaury	

Survey Year: 2020			
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey Sta	rt Time: 02:30 PM Survey En	<b>d Time:</b> 03:04 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: PONU, E	RAR, ORCA		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin: 10-25%	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Callitriche marginata	- winged water-starwort	5-10%	
Deinandra conju	gens - Otay tarplant	<1%	
Deinandra fascicul	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush		
Epilobium campest	Epilobium campestre - smooth boisduvalia		
Juncus bufo	Juncus bufonius - toad rush		
Navarretia hamat	a - hooked skunkweed	<1%	
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	10-25%	
Zeltnera venusta	- California centaury	<1%	
Cover of Other Native Species in	Basin: 25-50% Other Native S	pecies Richness in Basin: 10	

### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%

Cover of Nonnative Species in Basin: 5-10%

Nonnative Species Richness in Basin: 5

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: no

Survey Year: 2020

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

**VP ID:** 490

### 2020 Quantitative Monitoring Data continued

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bergia texana - Texas bergia
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia californica var. californica - snake cholla
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
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
Gastridium phleoides - nit grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Navarretia fossalis - spreading navarretia
Navarretia hamata - hooked skunkweed
Oncosiphon pilulifer - stinknet
Opuntia littoralis - coast prickly-pear
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Survey \	<b>/ear:</b> 2020	
Complex	<b>Name:</b> Cal Terraces (North), Otay Mesa Road Parcels (J2)	<b>VP ID:</b> 490
	Sonchus oleraceus - common sow thistle	
	Stephanomeria sp.	
	Stipa lepida - foothill needle grass	
	Stipa pulchra - purple needle grass	
	Zeltnera venusta - California centaury	

Survey Year: 2020		
Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 502
2003 Baseline Survey Data		
Baseline Cover of ERAR: 16.0	Baseline Cover of NAFO: 1.0	Baseline Cover of ORCA: 3.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 16.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey Sta	art Time: 03:18 PM Survey End	<b>d Time:</b> 03:50 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR, P	PONU, NAFO	
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin: 1-5%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Callitriche marginat	a - winged water-starwort	1-5%
Deinandra fascicu	ılata - fascicled tarweed	1-5%
Deschampsia dantha	onioides - annual hair grass	<1%
Epilobium campestre - smooth boisduvalia		<1%
Juncus buf	<i>onius</i> - toad rush	<1%
Marsilea vestit	a - hairy waterclover	<1%
Navarretia hama	ta - hooked skunkweed	<1%
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	5-10%
Triglochin scilloid	les - flowering-quillwort	<1%
Zeltnera venust	a - California centaury	<1%
Cover of Other Native Species in	Basin: 10-25% Other Native S	pecies Richness in Basin: 10

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 10

### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Species Richness in Basin: 3

Bare Ground Cover in Basin: 50-75%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</th>Days Since Last Rain: >16Ponded Water Present: no

Survey Year: 2020

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

VP ID: 502

### 2020 Quantitative Monitoring Data continued

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
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	
Dittrichia graveolens - stinkwort	
Encelia californica - California encelia	
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	
Festuca perennis - rye grass	
Gnaphalium palustre - lowland cudweed	
Grindelia camporum - gumplant	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Navarretia hamata - hooked skunkweed	
Opuntia littoralis - coast prickly-pear	
Pogogyne nudiuscula - Otay mesa mint	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Schismus barbatus - Mediterranean schismus	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stephanomeria sp.	
Stipa lepida - foothill needle grass	
Yucca schidigera - Mojave yucca	
Zeltnera venusta - California centaury	

omplex Name: Cal Terraces (North), O	tay Mesa Road Parcels (J2)	<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/16/2020 Survey St	art Time: 03:08 PM Survey End	d Time: 03:40 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: PONU,	ERAR, ORCA, NAFO	
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin: 25-50%
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Callitriche margina	ta - winged water-starwort	<1%
Deinandra fascic	ulata - fascicled tarweed	1-5%
Deschampsia danth	onioides - annual hair grass	<1%
Elatine brachysperi	na - short-seed waterwort	<1%
Eleocharis macro	stachya - pale spike-rush	5-10%
Epilobium campe.	stre - smooth boisduvalia	<1%
Juncus bu	<i>fonius</i> - toad rush	<1%
Marsilea vesti	<i>ta</i> - hairy waterclover	<1%
Pilularia americ	ana - American pillwort	<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	1-5%
Triglochin scilloid	<i>les</i> - flowering-quillwort	<1%

#### Nonnative Species in Pool:

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<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:** 5-10% **Nonnative Species Richness in Basin:** 5

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:

Page 117

Survey Year: 2020

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

VP ID: 509

### 2020 Quantitative Monitoring Data continued

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

Species NameAnhrosis chenopodiifolia - San Diego bur-sageArtemisia californica - California sagebrushAtripiex pacifica - south coast saltscaleBahiopsis lacinidar - San Diego viguieraBergerocactus emoryi - golden-spined cereusBornus hordeaceus - soft chessBromus madritensis - tocaloteCentaurea melitensis - tocaloteDoucus pusillus - rattlesnake weedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortErigeron canadensis - horseweedErigeron sumatensis - toopical horseweedErig	
Artemisia californica - California sagebrushAtriplex pacifica - south coast saltscaleBahiopsis laciniata - San Diego viguieraBergerocactus emoryi - golden-spined cereusBromus hordeaceus - soft chessBromus madritensis - foxtail chessCentaurea melitensis - tocaloteDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortErcegron bonariensis - flax-leaved horseweedErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - torajela horseweedErigeron sumatrensis - torajela horseweedErigeron sumatrensis - torajela horseweedErigeron sumatrensis - torajela horseweedErigeron sumatrensis - san Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLagfia arizonica - Arizona cottonroseLagfia gallica - dagerleaf cottonroseLogfia gallica - dagerleaf cottonroseLogfia gallica - dagerleaf cottonroseLogfa gallica - dagerleaf cottonroseStipa lepida - dagerleaf cottonroseStipa lepida - dagerleaf cottonroseStipa lepida - dagerleaf cottonroseStipa lepida - dottinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa lepida - foothill needle grassStipa pulchra - purple needle grass	Species Name
Atriplex pacifica - south coast saltscaleBahiopsis lacinitat - San Diego viguieraBergerocactus emoryi - golden-spined cereusBromus hordeaceus - soft chessBromus madritensis - foxtail chessCentaurea melitensis - tocaloteDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicle tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - flax-leaved horseweedErigeron grave andensis - horseweedErigeron grave andensis - horseweedErigeron grave andensis - horseweedErigeron matrensis - tropical horseweedErigeron water san Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamachaeta stagnalis - desert cudweedLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonroseLogfia pallica - bervissimus - dwart woollyheadsSitmandasia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa lepida - foothill needle grass	Ambrosia chenopodiifolia - San Diego bur-sage
Behiopsis laciniata - San Diego viguiera         Bergerocactus emoryi - golden-spined cereus         Bromus hordeaceus - soft chess         Bromus madritensis - tocalote         Dacus pusillus - rattlesnake weed         Deinandra fasciculata - fascicled tarweed         Deschampsia danthonioides - annual hair grass         Dittrichia graveolens - stinkwort         Erigeron banariensis - flax-leaved horseweed         Erigeron banariensis - horseweed         Erigeron sumatrensis - tropical horseweed         Erigeron sumatrensis - torpical horseweed         Erigeron sumatrensis - San Diego button-celery         Euphorbia misera - cliffornia buckwheat         Gamachaeta stagnalis - desert cudweed         Juncus bufonius - toad rush         Logfia arizonica - Arizona cottonrose         Logfia gallica - daggerleaf cottonrose         Logfia gallica - daggerleaf cottonrose         Simmandsia chinensis - jojoba         Simmandsia chinensis - jojoba         Simandrais sp.         Stipa lepida - foothill needle grass         Stipa pulchra - purple needle grass	Artemisia californica - California sagebrush
Bergerocactus emoryi - golden-spined cereusBromus hordeaceus - soft chessBromus madritensis - foxtail chessCentaurea melitensis - tocaloteDaucus pusilius - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron canadensis - horseweedErigeron sumatrensis - torpical horseweedErigeron sumatrensis - torpical horseweedErigeron sumatrensis - san Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego button-celeryEuphorbia misera - colifornaseCampica and rushLagfia arizonica - Arizona cottonroseLogfia galica - dagerleaf cottonroseLogfia galica - dagerleaf cottonrosePogogyne nudiuscula - Otay mesa mintPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevisismus var. brevisismus - dwarf woollyheadsSimmondsia chinensis - jojobaSteplanomeria sp.Stepla pulchra - purple needle grassStipa pulchra - purple needle grass	Atriplex pacifica - south coast saltscale
Bromus hardeaceus - soft chess         Bromus madritensis - foxtail chess         Centaurea melitensis - tocalote         Daucus pusillus - rattlesnake weed         Deinandra fasciculata - fascicled tarweed         Deschampsia danthonioides - annual hair grass         Dittrichia graveolens - stinkwort         Encelia californica - California encelia         Erigeron bonariensis - flax-leaved horseweed         Erigeron canadensis - horseweed         Erigoron canadensis - torpical horseweed         Erigonum fasciculatum - California buckwheat         Eryngium aristulatum var. parishii - San Diego button-celery         Euphorbia misera - cliff spurge         Ferocactus viridescens - San Diego button-celery         Euphorbia misera - cliff spurge         Ferocactus viridescens - San Diego barrel cactus         Gamochaeta stagnalis - desert cudweed         Juncus bufonius - toad rush         Logfia arizonica - Arizona cottonrose         Logfia galica - dagerleaf cottonrose         Logfia galica - dagerleaf cottonrose         Simmondsia chinensis - jojoba         Simmondsia chinensis - jojoba         Stephanomeria sp.         Stephanomeria sp.         Stepia pulchra - purple needle grass         Stipa pulchra - purple needle grass	Bahiopsis laciniata - San Diego viguiera
Bronus madritensis - foxtall chessCentaurea melitensis - tocaloteDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - tropical horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEriogonum fasciculatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudagnaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Bergerocactus emoryi - golden-spined cereus
Centaurea melitensis - tocaloteDaucus pusillus - rattlesnake weedDeinandra fasciculata - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - flax-leaved horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEriogonum fasciculatum - California buckwheatEriogonum fasciculatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - Arizona cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudagnaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Bromus hordeaceus - soft chess
Daucus pusillus - rattlesnake weedDeinandra fasciculuta - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonrosePogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassStipa pulchra - purple needle grass	Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweedDeschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - horseweedEriogenon mfasciculatum - California buckwheatEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPoseudognaphalium biolettii - bicolor cudweedPrilocarphus brevissimus var. brevissimus - dwarf woollyheadsStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Centaurea melitensis - tocalote
Deschampsia danthonioides - annual hair grassDittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron sumatrensis - horseweedErigeron sumatrensis - tropical horseweedEringonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonrosePesudognaphalium biolettii - bicolor cudweedPseudognaphalium biolettii - bicolor cudweedStipmondsia chinensis - jojobaStipmondsia chinensis - jojobaStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Daucus pusillus - rattlesnake weed
Dittrichia graveolens - stinkwortEncelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron canadensis - horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Deinandra fasciculata - fascicled tarweed
Encelia californica - California enceliaErigeron bonariensis - flax-leaved horseweedErigeron canadensis - horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersoni's Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothil needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Deschampsia danthonioides - annual hair grass
Erigeron bonariensis - flax-leaved horseweedErigeron canadensis - horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPeseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Dittrichia graveolens - stinkwort
Erigeron canadensis - horseweedErigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonrosePogogyne nudiuscula - Otay mesa mintPogognen hudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Encelia californica - California encelia
Erigeron sumatrensis - tropical horseweedEriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Erigeron bonariensis - flax-leaved horseweed
Eriogonum fasciculatum - California buckwheatEryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLogfia gallica - daggerleaf cottonrosePogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Erigeron canadensis - horseweed
Eryngium aristulatum var. parishii - San Diego button-celeryEuphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Erigeron sumatrensis - tropical horseweed
Euphorbia misera - cliff spurgeFerocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Eriogonum fasciculatum - California buckwheat
Ferocactus viridescens - San Diego barrel cactusGamochaeta stagnalis - desert cudweedJuncus bufonius - toad rushLogfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Eryngium aristulatum var. parishii - San Diego button-celery
Gamochaeta stagnalis - desert cudweed Juncus bufonius - toad rush Logfia arizonica - Arizona cottonrose Logfia gallica - daggerleaf cottonrose Lycium andersonii - Anderson's desert thorn Pogogyne nudiuscula - Otay mesa mint Pogogyne nudiuscula - Otay mesa mint Pseudognaphalium biolettii - bicolor cudweed Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Simmondsia chinensis - jojoba Stephanomeria sp. Stipa lepida - foothill needle grass Stipa pulchra - purple needle grass	Euphorbia misera - cliff spurge
Juncus bufonius - toad rush Logfia arizonica - Arizona cottonrose Logfia gallica - daggerleaf cottonrose Lycium andersonii - Anderson's desert thorn Pogogyne nudiuscula - Otay mesa mint Pseudognaphalium biolettii - bicolor cudweed Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Simmondsia chinensis - jojoba Stephanomeria sp. Stipa lepida - foothill needle grass Stipa pulchra - purple needle grass Yucca schidigera - Mojave yucca	Ferocactus viridescens - San Diego barrel cactus
Logfia arizonica - Arizona cottonroseLogfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Gamochaeta stagnalis - desert cudweed
Logfia gallica - daggerleaf cottonroseLycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Juncus bufonius - toad rush
Lycium andersonii - Anderson's desert thornPogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Logfia arizonica - Arizona cottonrose
Pogogyne nudiuscula - Otay mesa mintPseudognaphalium biolettii - bicolor cudweedPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSimmondsia chinensis - jojobaStephanomeria sp.Stipa lepida - foothill needle grassStipa pulchra - purple needle grassYucca schidigera - Mojave yucca	Logfia gallica - daggerleaf cottonrose
Pseudognaphalium biolettii - bicolor cudweed         Psilocarphus brevissimus var. brevissimus - dwarf woollyheads         Simmondsia chinensis - jojoba         Stephanomeria sp.         Stipa lepida - foothill needle grass         Stipa pulchra - purple needle grass         Yucca schidigera - Mojave yucca	Lycium andersonii - Anderson's desert thorn
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads         Simmondsia chinensis - jojoba         Stephanomeria sp.         Stipa lepida - foothill needle grass         Stipa pulchra - purple needle grass         Yucca schidigera - Mojave yucca	Pogogyne nudiuscula - Otay mesa mint
Simmondsia chinensis - jojoba Stephanomeria sp. Stipa lepida - foothill needle grass Stipa pulchra - purple needle grass Yucca schidigera - Mojave yucca	Pseudognaphalium biolettii - bicolor cudweed
Stephanomeria sp.         Stipa lepida - foothill needle grass         Stipa pulchra - purple needle grass         Yucca schidigera - Mojave yucca	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Stipa lepida - foothill needle grass Stipa pulchra - purple needle grass Yucca schidigera - Mojave yucca	Simmondsia chinensis - jojoba
Stipa pulchra - purple needle grass Yucca schidigera - Mojave yucca	Stephanomeria sp.
Yucca schidigera - Mojave yucca	Stipa lepida - foothill needle grass
	Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury	Yucca schidigera - Mojave yucca
	Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 591	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 38.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 38.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 3.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey Sta	rt Time: 03:57 PM Survey End	<b>d Time:</b> 04:33 PM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: ERAR, O	RCA, PONU		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin: 25-50%	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Callitriche marginato	a - winged water-starwort	<1%	
Deinandra conju	<i>igens</i> - Otay tarplant	<1%	
Deinandra fascicul	lata - fascicled tarweed	<1%	
Deschampsia dantho	nioides - annual hair grass	<1%	
Elatine brachysperm	a - short-seed waterwort	<1%	
Eleocharis macrost	tachya - pale spike-rush	5-10%	
Epilobium campest	re - smooth boisduvalia	<1%	
Psilocarphus brevissimus var	. <i>brevissimus</i> - dwarf woollyheads	10-25%	
Triglochin scilloide	es - flowering-quillwort	<1%	
Zeltnera venusta	- California centaury	<1%	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 10

### Nonnative Species in Pool:

Species Name	Cover
Festuca myuros - rattail sixweeks grass	1-5%
Gastridium phleoides - nit grass	<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: 5-10%

Nonnative Species Richness in Basin: 5

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: no

Survey Year: 2020

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

VP ID: 591

### 2020 Quantitative Monitoring Data continued

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Ambrosia pumila - San Diego ambrosia	
Artemisia dracunculus - tarragon	
Bahiopsis laciniata - San Diego viguiera	
Bergerocactus emoryi - golden-spined cereus	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
<i>Cryptantha</i> sp.	
Cylindropuntia prolifera - coast cholla	
Daucus pusillus - rattlesnake weed	
Deinandra conjugens - Otay tarplant	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	;
Dittrichia graveolens - stinkwort	
Eleocharis macrostachya - pale spike-rush	
Encelia californica - California encelia	
Erigeron bonariensis - flax-leaved horseweed	
Erigeron canadensis - horseweed	
Eriogonum fasciculatum - California buckwheat	t
Erodium botrys - long-beak filaree/storksbill	
Eryngium aristulatum var. parishii - San Diego button	-celery
Euphorbia misera - cliff spurge	
Ferocactus viridescens - San Diego barrel cactus	5
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Gamochaeta stagnalis - desert cudweed	
Gastridium phleoides - nit grass	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Laennecia coulteri - Coulter's horseweed	
Logfia arizonica - Arizona cottonrose	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Lythrum hyssopifolia - grass poly	
Malosma laurina - laurel sumac	

	Survey	Year:	2020
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<b>Complex Name:</b>	Cal Terraces	(North),	Otay Mesa	Road I	Parcels (J2)
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VP ID: 591
 Mesembryanthemum nodiflorum - slender-leaved iceplant
          Navarretia hamata - hooked skunkweed
         Phalaris minor - little-seeded canary grass
           Pogogyne nudiuscula - Otay mesa mint
         Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
   Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
            Rosa minutifolia - small-leaved rose
        Schismus barbatus - Mediterranean schismus
               Simmondsia chinensis - jojoba
        Sonchus asper ssp. asper - prickly sow thistle
          Sonchus oleraceus - common sow thistle
             Stipa lepida - foothill needle grass
              Yucca schidigera - Mojave yucca
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Zeltnera venusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 1310	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 1.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 15.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/16/2020 Survey St	art Time: 04:03 PM Survey End	Time: 04:38 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR,	PONU, NAFO, ORCA		
Cover of ERAR in Basin: 25-50%	<b>Cover of NAFO in Basin:</b> <1%	Cover of ORCA in Basin: 1-5%	
Cover of POAB in Basin:	Cover of PONU in Basin: 10-25%		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Callitriche margina	a - winged water-starwort	1-5%	
Deinandra con	Deinandra conjugens - Otay tarplant		
Deschampsia danth	Deschampsia danthonioides - annual hair grass		
Eleocharis macro	<i>stachya</i> - pale spike-rush	5-10%	
Epilobium campe	stre - smooth boisduvalia	1-5%	
Holocarpha virgata ss	Holocarpha virgata ssp. elongata - graceful tarplant		
Juncus bu	Juncus bufonius - toad rush		
Lysimachia	<i>Lysimachia minima</i> - chaffweed		
Navarretia hama	Navarretia hamata - hooked skunkweed		
Osmadenia	<i>Osmadenia tenella</i> - osmadenia		
Plantago elon	Plantago elongata - prairie plantain		
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%	
Psilocarphus tenelle	s - slender woolly-marbles	<1%	
Triglochin scilloid	<i>les</i> - flowering-quillwort	<1%	

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

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

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

Nonnative Species Richness in Basin: 4

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

Days Since Last Rain: >16

Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1310

#### 2020 Quantitative Monitoring Data continued

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Hirschfeldia incana - short-pod mustard
Holocarpha virgata ssp. elongata - graceful tarplant
Lactuca serriola - prickly lettuce
Lepidium nitidum - shining peppergrass
Mesembryanthemum nodiflorum - slender-leaved iceplant
Navarretia hamata - hooked skunkweed
Osmadenia tenella - osmadenia
Phalaris sp.
Plantago erecta - dot-seed plantain
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Spergularia sp.
Stipa lepida - foothill needle grass
Yucca schidigera - Mojave yucca

Survey Year: 2020

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

Notes:

**VP ID:** 1310

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 6/19/2020 Survey Sta	rt Time: 10:35 AM Survey End	<b>Time:</b> 11:11 AM	
<b>Surveyors:</b> Ryan Meszaros, Brenda Benne	tt		
/PHCP Covered Species Present: PONU, B	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: 10-25%		
Other Native Species in Pool:			
Spec	cies Name	Cover	
Baccharis sarothro	oides - broom baccharis	5-10%	
Deinandra conj	ugens - Otay tarplant	1-5%	
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia danthonioides - annual hair grass		<1%	
Elatine brachysperm	Elatine brachysperma - short-seed waterwort		
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Juncus bufe	Juncus bufonius - toad rush		
Laennecia coulter	Laennecia coulteri - Coulter's horseweed		
Navarretia hamat	Navarretia hamata - hooked skunkweed		
Pilularia america	Pilularia americana - American pillwort		
Psilocarphus brevissimus var	. brevissimus - dwarf woollyheads	1-5%	
	a - California centaury	<1%	

#### Nonnative Species in Pool:

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	1-5%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

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

Nonnative Species Richness in Basin: 7

Bare Ground Cover in Basin: 1-5% Days Since Last Rain: >16

Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1% Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1321

#### 2020 Quantitative Monitoring Data continued

	Species Name
Ambrosia chenc	ppodiifolia - San Diego bur-sage
Apiastrum a	ngustifolium - mock-parsley
Artemisia calij	fornica - California sagebrush
Baccharis sar	othroides - broom baccharis
Bahiopsis la	<i>ciniata -</i> San Diego viguiera
Bromus	hordeaceus - soft chess
Bromus m	nadritensis - foxtail chess
Centaur	ea melitensis - tocalote
Crassula	connata - pygmy-weed
	Cryptantha sp.
Deinandra	<i>conjugens</i> - Otay tarplant
Deinandra fa	sciculata - fascicled tarweed
Deschampsia da	anthonioides - annual hair grass
Encelia cali	<i>ifornica</i> - California encelia
Erigeron	canadensis - horseweed
Eriogonum fasci	culatum - California buckwheat
Eryngium aristulatum	var. parishii - San Diego button-celery
Festuca my	uros - rattail sixweeks grass
Gamochaeta	<i>stagnalis</i> - desert cudweed
Glebionis	<i>coronaria</i> - crown daisy
Heliotropium curassavio	cum var. oculatum - seaside heliotrope
Hirschfeldia	incana - short-pod mustard
Juncus	s <i>bufonius</i> - toad rush
Logfia ariza	onica - Arizona cottonrose
Logfia galli	ca - daggerleaf cottonrose
Lycium anders	onii - Anderson's desert thorn
Navarretia h	amata - hooked skunkweed
Phalaris mino	pr - little-seeded canary grass
Pogogyne n	udiuscula - Otay mesa mint
Psilocarphus brevissimu	is var. brevissimus - dwarf woollyheads
Rhus integ	grifolia - lemonade berry
Ricinus c	communis - castor bean
Rosa minu	<i>tifolia</i> - small-leaved rose
Simmor	ndsia chinensis - jojoba
Yucca sci	<i>hidigera</i> - Mojave yucca
Zeltnera ve	nusta - California centaury

Complex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 1713
2003 Baseline Survey Data		
Baseline Cover of ERAR: 2.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5	
2020 Quantitative Monitoring Data		
Survey Date: 6/19/2020 Survey St	tart Time: 09:33 AM Survey E	nd Time: 10:10 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR,	PONU	
Cover of ERAR in Basin: 50-759	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	ecies Name	Cover
Callitriche margina	ta - winged water-starwort	<1%
Deinandra fasciculata - fascicled tarweed		<1%
Deschampsia danthonioides - annual hair grass		1-5%
Epilobium campestre - smooth boisduvalia		<1%
Juncus bufonius - toad rush		1-5%
Navarretia ham	ata - hooked skunkweed	1-5%
Psilocarphus brevissimus va	ar. <i>brevissimus</i> - dwarf woollyheads	5-10%

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

Species Name	Cover
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	1-5%
Phalaris minor - little-seeded canary grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Sonchus oleraceus - common sow thistle	<1%
Spergularia sp.	<1%

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

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

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

Survey Year: 2020

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

**VP ID:** 1713

#### 2020 Quantitative Monitoring Data continued

	Species Name
Arten	nisia californica - California sagebrush
,	A <i>vena barbata</i> - slender wild oat
	Baccharis salicifolia - mule fat
Васс	haris sarothroides - broom baccharis
Bah	iopsis laciniata - San Diego viguiera
Brachy	oodium distachyon - purple false brome
	Bromus hordeaceus - soft chess
В	romus madritensis - foxtail chess
Callitric	che marginata - winged water-starwort
	Centaurea melitensis - tocalote
	Crassula connata - pygmy-weed
Cyl	<i>indropuntia prolifera -</i> coast cholla
Dein	andra fasciculata - fascicled tarweed
Deschar	mpsia danthonioides - annual hair grass
Eleoc	haris macrostachya - pale spike-rush
En	celia californica - California encelia
E	Frigeron canadensis - horseweed
	Erodium sp.
Eryngium aris	tulatum var. parishii - San Diego button-celery
Ferocac	tus viridescens - San Diego barrel cactus
Fes	tuca myuros - rattail sixweeks grass
	Festuca perennis - rye grass
Нур	oochaeris glabra - smooth cat's-ear
	Juncus bufonius - toad rush
	Lactuca serriola - prickly lettuce
Lysi	machia arvensis - scarlet pimpernel
	Lythrum hyssopifolia - grass poly
Nave	arretia hamata - hooked skunkweed
Ομ	ountia littoralis - coast prickly-pear
Phalo	aris minor - little-seeded canary grass
Pog	ogyne nudiuscula - Otay mesa mint
Polyp	ogon monspeliensis - rabbitfoot grass
Psilocarphus br	evissimus var. brevissimus - dwarf woollyheads
	Simmondsia chinensis - jojoba
Sonchi	us asper ssp. asper - prickly sow thistle
Sono	chus oleraceus - common sow thistle
Zel	tnera venusta - California centaury

Survey Year: 2020

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

Notes: listed on map as 1716

**VP ID:** 1713

omplex Name: Cal Terraces (North), Otay Mesa Road Parcels (J2)		<b>VP ID:</b> 1724
2003 Baseline Survey Data		
Baseline Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/19/2020 Survey St	art Time: 09:25 AM Survey En	d Time: 10:07 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	ecies Name	Cover
Bergia tex	Bergia texana - Texas bergia	
Crassula aquat	Crassula aquatica - water pygmyweed	
Deinandra fascic	Deinandra fasciculata - fascicled tarweed	
Elatine brachysper	Elatine brachysperma - short-seed waterwort	
Eleocharis macro	Eleocharis macrostachya - pale spike-rush	
Epilobium campe	Epilobium campestre - smooth boisduvalia	
Marsilea vesti	Marsilea vestita - hairy waterclover	
Pilularia americ	Pilularia americana - American pillwort	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 9

#### Nonnative Species in Pool:

Species Name	Cover
Amaranthus albus - tumbleweed	<1%
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	5-10%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 4Bare 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: >16Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1724

### 2020 Quantitative Monitoring Data continued

Species Name
Amaranthus albus - tumbleweed
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Brachypodium distachyon - purple false brome
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Cyperus eragrostis - tall flatsedge
Datura wrightii - sacred datura
Deinandra conjugens - Otay tarplant
Deinandra fasciculata - fascicled tarweed
Dittrichia graveolens - stinkwort
Elatine brachysperma - short-seed waterwort
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Erigeron canadensis - horseweed
Erigeron sumatrensis - tropical horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Phytolacca americana var. americana - pokeweed
Pilularia americana - American pillwort
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads

Survey Year: 2020

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

**VP ID:** 1724

*Rhus integrifolia* - lemonade berry *Tamarix* sp.

Triglochin scilloides - flowering-quillwort

Survey	Year:	2020
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Complex Name: Cal Terraces (South) (J14	)	<b>VP ID:</b> 2022
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey Star	t Time: 02:27 PM Survey End	<b>Time:</b> 02:47 PM
Surveyors: Ryan Meszaros, Brenda Bennet	t	
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	es Name	Cover
Callitriche marginata	- winged water-starwort	<1%
Eleocharis macrost	<i>achya</i> - pale spike-rush	25-50%
Epilobium campest	re - smooth boisduvalia	<1%
Cover of Other Native Species in	Basin: 25-50% Other Native S	pecies Richness in Basin: 3
Nonnative Species in Pool:		
Spec	es Name	Cover
Amaranthus a	<i>lbus</i> - tumbleweed	<1%
Dittrichia grav	<i>eolens</i> - stinkwort	<1%
Lythrum hysso	<i>pifolia</i> - grass poly	<1%
Polypogon monspe	liensis - rabbitfoot grass	5-10%
Cover of Nonnative Species in Ba	sin: 5-10% Nonnative Spe	cies Richness in Basin: 3
Bare Ground Cover in Basin: 5-10	% Cover of Rocks/Cobble in Bas	in: 10-25% Cover of Litter in Basin: <1%

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

Survey Year: 2020

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

2020 Quantitative Monitoring Data continued

Species Name	
Amaranthus albus - tumbleweed	
Ambrosia chenopodiifolia - San Diego bur-sage	
Amsinckia sp.	
Artemisia californica - California sagebrush	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Dittrichia graveolens - stinkwort	
Encelia californica - California encelia	
Erigeron canadensis - horseweed	
Eriogonum fasciculatum - California buckwheat	
Eryngium aristulatum var. parishii - San Diego button-celery	
Euphorbia misera - cliff spurge	
Gamochaeta stagnalis - desert cudweed	
Heliotropium curassavicum var. oculatum - seaside heliotrope	
Helminthotheca echioides - bristly ox-tongue	
Hirschfeldia incana - short-pod mustard	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Laennecia coulteri - Coulter's horseweed	
Logfia gallica - daggerleaf cottonrose	
Lycium andersonii - Anderson's desert thorn	
Lysimachia minima - chaffweed	
Malosma laurina - laurel sumac	
Marrubium vulgare - Horehound	
Matricaria discoidea - pineapple weed	
Navarretia hamata - hooked skunkweed	
Peritoma arborea - bladderpod	
Phacelia cicutaria - caterpillar phacelia	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium luteoalbum - fragrant everlasting cudweed	
Pseudognaphalium stramineum - cotton-batting plant	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	

Survey Year: 2020

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

Rosa minutifolia - small-leaved rose
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Cal Terraces (South) (J	mplex Name: Cal Terraces (South) (J14)	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 3.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey S	tart Time: 12:59 PM Survey End	d Time: 01:40 PM
Surveyors: Brenda Bennett		
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:	<b>Cover of PONU in Basin:</b> <1%	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Deinandra fascio	culata - fascicled tarweed	1-5%
Deschampsia dantl	nonioides - annual hair grass	<1%
Eleocharis macro	ostachya - pale spike-rush	10-25%
Epilobium campe	estre - smooth boisduvalia	5-10%
Frankenia	<i>salina</i> - alkali heath	<1%
Juncus bu	<i>Ifonius</i> - toad rush	5-10%
Myosurus minimus	ssp. apus - little mouse tail	<1%
Psilocarphus brevissimus v	ar. <i>brevissimus</i> - dwarf woollyheads	5-10%
Cover of Other Native Species	in Basin: 25-50% Other Native S	pecies Richness in Basin: 8

Cover of Other Native Species in Basin: 25-50% Other Native Species Richness in Basin: 8

#### Nonnative Species in Pool:

Species Name	Cover
Amaranthus sp.	1-5%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Rumex crispus - curly dock	10-25%

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

Survey Year: 2020

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

2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Amaranthus albus - tumbleweed
Amblyopappus pusillus - pineapple-weed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bergerocactus emoryi - golden-spined cereus
Bergia texana - Texas bergia
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dudleya edulis - ladies' fingers
Dudleya pulverulenta - chalk dudleya
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Epilobium campestre - smooth boisduvalia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Juncus bufonius - toad rush
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Malosma laurina - laurel sumac
Mesembryanthemum nodiflorum - slender-leaved iceplant
Muhlenbergia rigens - deer grass
Navarretia fossalis - spreading navarretia
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

VP ID: 2025

Survey Year: 2020

Complex Name: Cal Terraces (South) (J14)

VP ID: 2025

Sonchus oleraceus - common sow thistle

Stephanomeria sp.

Yucca schidigera - Mojave yucca

Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Star	t Time: 01:54 PM Survey End	Time: 02:23 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: PONU, El	RAR, NAFO		
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: 10-25%		
Other Native Species in Pool:			
Speci	es Name	Cover	
Callitriche marginata	- winged water-starwort	<1%	
Deinandra fasciculo	ata - fascicled tarweed	1-5%	
Deschampsia danthor	nioides - annual hair grass	<1%	
Epilobium campestr	re - smooth boisduvalia	<1%	
Navarretia hamata	a - hooked skunkweed	<1%	
	<i>a</i> - American pillwort	<1%	
Pilularia american			
	<i>brevissimus</i> - dwarf woollyheads	5-10%	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 8

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

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot gras	s <1%
Cover of Nonnative Species in Basin: 1-5% No	nnative Species Richness in Basin: 4

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: no

Survey Year: 2020

Complex Name: Cal Terraces (South) (J14)

VP ID: 2039

### 2020 Quantitative Monitoring Data continued

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Apiastrum angustifolium - mock-parsley
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dudleya pulverulenta - chalk dudleya
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> sp.
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
Hooveria parviflora
Isocoma menziesii - coastal goldenbush
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Lysimachia arvensis - scarlet pimpernel
Matricaria discoidea - pineapple weed
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Plantago elongata - prairie plantain
Pogogyne nudiuscula - Otay mesa mint
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Stipa lepida - foothill needle grass
Yucca schidigera - Mojave yucca

Survey	Year:	2020
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Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2043
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey Sta	rt Time: 01:16 PM Survey En	<b>d Time:</b> 01:55 PM
Surveyors: Sara Allen		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Bergia texa	Bergia texana - Texas bergia	
Callitriche marginato	Callitriche marginata - winged water-starwort	
Crassula aquatic	Crassula aquatica - water pygmyweed	
Deinandra fasciculata - fascicled tarweed		<1%
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Epilobium campest	Epilobium campestre - smooth boisduvalia	
Eriogonum fasciculat	Eriogonum fasciculatum - California buckwheat	
Heliotropium curassavicum	Heliotropium curassavicum var. oculatum - seaside heliotrope	
Marsilea vestita	Marsilea vestita - hairy waterclover	
Navarretia hamat	Navarretia hamata - hooked skunkweed	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 11

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

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	<1%
Cover of Nonnative Species in Basin: 1-5% No	nnative Species Richness in Basin: 2
Bare Ground Cover in Basin: 50-75% Cover of Rocks/C	obble in Basin: 10-25% Cover of Litter in Basin: <1%

Days Since Last Rain: >16 Ponded Water Present: yes

Survey Year: 2020

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

**VP ID:** 2043

### 2020 Quantitative Monitoring Data continued

Species Name
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 madritensis - foxtail chess
Crassula connata - pygmy-weed
Cryptantha intermedia var. intermedia - common cryptantha
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Dicranostegia orcuttiana - Orcutt's bird's-beak
Dittrichia graveolens - stinkwort
Dudleya edulis - ladies' fingers
Dudleya pulverulenta - chalk dudleya
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Euphorbia misera - cliff spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Heliotropium curassavicum var. oculatum - seaside heliotrope
Hooveria parviflora
Juncus bufonius - toad rush
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Malosma laurina - laurel sumac
Mammillaria dioica - fish-hook cactus
Melica imperfecta - little California melica
Navarretia hamata - hooked skunkweed
Opuntia littoralis - coast prickly-pear
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia apiana - white sage
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Yucca schidigera - Mojave yucca

Survey Year: 2020

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

VP ID: 2043

Zeltnera venusta - California centaury

Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 2044	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Sta	rt Time: 01:35 PM Survey En	<b>d Time:</b> 02:02 PM	
urveyors: Ryan Meszaros			
/PHCP Covered Species Present: PONU, E	RAR		
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Bergia texa	na - Texas bergia	<1%	
Callitriche marginato	<ul> <li>winged water-starwort</li> </ul>	1-5%	
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Elatine brachysperm	a - short-seed waterwort	<1%	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Juncus bufo	onius - toad rush	<1%	
Navarretia hamat	a - hooked skunkweed	<1%	
Pilularia america	na - American pillwort	10-25%	
Psilocarphus brevissimus var	<i>brevissimus</i> - dwarf woollyheads	1-5%	
Zeltnera venusta - California centaury		<1%	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 11

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

Species Name		Cover
Centaurea melitensis - tocalote		<1%
Dittrichia graveolens - stinkwort		<1%
Festuca myuros - rattail sixweeks grass		<1%
Cover of Nonnative Species in Basin	: 1-5% Nonnative Species	Richness in Basin: 3
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 1	L-5% <b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

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

2020 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
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia misera - cliff spurge
Festuca myuros - rattail sixweeks grass
Gamochaeta stagnalis - desert cudweed
Hirschfeldia incana - short-pod mustard
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Laennecia coulteri - Coulter's horseweed
Logfia gallica - daggerleaf cottonrose
Lycium andersonii - Anderson's desert thorn
Navarretia hamata - hooked skunkweed
Peritoma arborea - bladderpod
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Notes:

VP ID: 2044

Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 6/22/2020 Survey Sta	rt Time: 12:40 PM Survey End	Time: 01:04 PM
Surveyors: Sara Allen		
VPHCP Covered Species Present: ERAR, PC	UNC	
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: 25-50%	
Other Native Species in Pool:		
Spec	ies Name	Cover
Deinandra fascicul	Deinandra fasciculata - fascicled tarweed	
Deschampsia danthoi	Deschampsia danthonioides - annual hair grass	
Eleocharis macrost	Eleocharis macrostachya - pale spike-rush	
Epilobium campest	Epilobium campestre - smooth boisduvalia	
Juncus bufo	Juncus bufonius - toad rush	
	a - hooked skunkweed	<1%
Navarretia hamat		
	<i>brevissimus</i> - dwarf woollyheads	1-5%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 8

#### Nonnative Species in Pool:

Species Name	Cover
Centaurea melitensis - tocalote	<1%
Dittrichia graveolens - stinkwort	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Unknown mustard	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 5Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</td>

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

Survey Year: 2020

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

VP ID: 2185

### 2020 Quantitative Monitoring Data continued

Species Nan	ne
Ambrosia chenopodiifolia - S	an Diego bur-sage
Apiastrum angustifolium	- mock-parsley
Artemisia californica - Cali	fornia sagebrush
Astragalus trichopodus - Santa	a Barbara milk vetch
<i>Bahiopsis laciniata -</i> San	Diego viguiera
Bromus hordeaceus	- soft chess
Bromus madritensis -	foxtail chess
Centaurea melitensis	s - tocalote
Crassula connata - py	/gmy-weed
Cryptantha intermedia var. interme	dia - common cryptantha
Cylindropuntia prolifera	- coast cholla
Deinandra fasciculata - fa	scicled tarweed
Deschampsia danthonioides	- annual hair grass
Dittrichia graveolens	- stinkwort
Encelia californica - Cali	fornia encelia
Eriogonum fasciculatum - Ca	lifornia buckwheat
Eryngium aristulatum var. parishii -	San Diego button-celery
Euphorbia misera - c	liff spurge
Festuca myuros - rattail	sixweeks grass
<i>Frankenia salina</i> - al	kali heath
Grindelia camporum	- gumplant
Helminthotheca echioides -	bristly ox-tongue
Heterotheca grandiflora -	telegraph weed
<i>Iva hayesiana</i> - San Dieg	o marsh-elder
Juncus bufonius - t	oad rush
<i>Lepidium nitidum -</i> shinir	ng peppergrass
<i>Logfia gallica</i> - daggerle	af cottonrose
Lysimachia arvensis - sca	rlet pimpernel
Lythrum hyssopifolia	- grass poly
Malacothamnus densiflorus - ma	ny-flower bushmallow
Malosma laurina - la	urel sumac
Mesembryanthemum nodiflorum	- slender-leaved iceplant
Navarretia hamata - hoo	ked skunkweed
Osmadenia tenella -	osmadenia
Peritoma arborea - b	ladderpod
Phalaris minor - little-seed	led canary grass
Plantago erecta - dot-s	eed plantain

### Survey Year: 2020

Complex Name:	Cal Terraces (South) (J14)	<b>VP ID:</b> 2185
	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	
	Yucca schidigera - Mojave yucca	

Survey Year: 2020			
Complex Name: Cal Terraces (South) (J14)		<b>VP ID:</b> 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		
2020 Quantitative Monitoring Data			
Survey Date: 6/22/2020 Survey Sta	art Time: 12:44 PM Survey End	l Time: 01:21 PM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: PONU,	ERAR, NAFO		
<b>Cover of ERAR in Basin:</b> <1%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Bergia texa	Bergia texana - Texas bergia		
Cylindropuntia	Cylindropuntia prolifera - coast cholla		
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Elatine brachyspern	na - short-seed waterwort	<1%	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Eriogonum fascicula	<i>tum</i> - California buckwheat	<1%	
Frankenia s	<i>alina</i> - alkali heath	<1%	
Juncus buf	Juncus bufonius - toad rush		
Navarretia hama	ta - hooked skunkweed	<1%	
Plantago elong	gata - prairie plantain	<1%	
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	5-10%	
Cover of Other Native Species in	n Basin: 10-25% Other Native S	pecies Richness in Basin: 12	

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Dittrichia graveolens - stinkwort	<1%
Festuca myuros - rattail sixweeks grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Unknown mustard	<1%

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

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

Survey Year: 2020

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

VP ID: 2189

### 2020 Quantitative Monitoring Data continued

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

Amblyopappus pusillus - pineapple-weedAmbrosia chenopodiifolia - San Diego bur-sageBrachypodium distachyon - purple false bromeBromus madritensis - toxtall chessCentourea melitensis - toxaloteCentourea melitensis - toxaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDictranostegia arcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia california - California buckwheatEriogonum fasciculatur - California buckwheatEriogonum fasciculatur - California buckwheatEriogonum fasciculatur - San Diego button-celeryFeroactus viridescens - san Diego burtel cactusFeroactus viridescens - San Diego burtel cactusFeroactus viridescens - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fassalia - otax fang marantaNavarretia fassalis - san antiPolypogon monspeliensis - toad rushPolypogon monspeliensis - toad rushPolypogon monspeliensis - rabitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barborus - brevissimus - dwarf woollyheadsSchismus barborus - brevissimus - dwarf woollyheads	Species Name
Brachypodium distachyon - purple false bromeBromus hordeaceus - soft chessBromus madritensis - toxalit chessCentaurea melitensis - toxalit chessCentaurea melitensis - toxaloteCrassula connata - pygmy-weedQuindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDitrichia graveolens - stinkwortEncelia california - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusFestuca mpuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia fossalis - spreading navarretiaPolypogon monspeliensis - rabibitoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - New Kurteta	Amblyopappus pusillus - pineapple-weed
Bromus hordeaceus - soft chessBromus madritensis - foxtail chessCentaurea melitensis - tocaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDitranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia california - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishi - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia fossalis - spreading navarretiaNavarretia birossalis - spreading navarretiaPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Ambrosia chenopodiifolia - San Diego bur-sage
Bromus madritensis - toxaloteCentaurea melitensis - toxaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDitranostegia arcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatEroigunum fasciculatum - California buckwheatEroigunum fasciculatum - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassFestuca more - smooth boisduvaliLogfia gallica - daggerleaf cottonroseJuncus bufonius - toad rushNavarretia fossalis - spreading navarretiaNavarretia fossalis - spreading navarretiaNavarretia fossalis - abbitfoot grassPolypagan manspeliensis - rabbitfoot grassSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Brachypodium distachyon - purple false brome
Centaurea melitensis - tocaloteCrassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDicranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatur - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fassalis - spreading navarretiaNavarretia fassalis - spreading navarretiaNavarretia fassalis - spreading navarretiaPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Bromus hordeaceus - soft chess
Crassula connata - pygmy-weedCylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDicranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishi - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassInterstense and in a salina - alkali heathIsocoma menziesii - coastal goldenbushIurcus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fassalis - spreading navarretiaNavarretia fassalis - spreading navarretiaPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast chollaDeinandra fasciculata - fascicled tarweedDicranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillPerocactus viridescens - San Diego button-celeryFerocactus viridescens - San Diego button-celeryFerocactus viridescens - Yag grassFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweedDicranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillErencatus viridescens - San Diego button-celeryFerocactus viridescens - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Crassula connata - pygmy-weed
Dicranostegia orcuttiana - Orcutt's bird's-beakDittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFestuca parennis - rye grassIntersteria and the second menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPagogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Cylindropuntia prolifera - coast cholla
Dittrichia graveolens - stinkwortEncelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca myuros - rattail sixweeks grassFestuca menziesii - coastal goldenbushIsocoma menziesii - coastal goldenbushJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Deinandra fasciculata - fascicled tarweed
Encelia californica - California enceliaEpilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper sp. asper - prickly sow thistle	Dicranostegia orcuttiana - Orcutt's bird's-beak
Epilobium campestre - smooth boisduvaliaEriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheatErodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Encelia californica - California encelia
Erodium botrys - long-beak filaree/storksbillEryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Epilobium campestre - smooth boisduvalia
Eryngium aristulatum var. parishii - San Diego button-celeryFerocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Eriogonum fasciculatum - California buckwheat
Ferocactus viridescens - San Diego barrel cactusFestuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaPogogyne nudiuscula - Nocked skunkweedPolypogon monspeliensis - rabbitfoot grassPosilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grassFestuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Eryngium aristulatum var. parishii - San Diego button-celery
Festuca perennis - rye grassFrankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Ferocactus viridescens - San Diego barrel cactus
Frankenia salina - alkali heathIsocoma menziesii - coastal goldenbushIva hayesiana - San Diego marsh-elderJuncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPolypogon monspeliensis - rabbitfoot grassPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Festuca myuros - rattail sixweeks grass
Isocoma menziesii - coastal goldenbush Iva hayesiana - San Diego marsh-elder Juncus bufonius - toad rush Logfia gallica - daggerleaf cottonrose Lythrum hyssopifolia - grass poly Navarretia fossalis - spreading navarretia Navarretia hamata - hooked skunkweed Pogogyne nudiuscula - Otay mesa mint Polypogon monspeliensis - rabbitfoot grass Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Schismus barbatus - Mediterranean schismus Sonchus asper ssp. asper - prickly sow thistle	Festuca perennis - rye grass
Iva hayesiana - San Diego marsh-elder Juncus bufonius - toad rush Logfia gallica - daggerleaf cottonrose Lythrum hyssopifolia - grass poly Navarretia fossalis - spreading navarretia Navarretia hamata - hooked skunkweed Navarretia hamata - Otay mesa mint Polypogon monspeliensis - rabbitfoot grass Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Schismus barbatus - Mediterranean schismus Sonchus asper ssp. asper - prickly sow thistle	Frankenia salina - alkali heath
Juncus bufonius - toad rushLogfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Isocoma menziesii - coastal goldenbush
Logfia gallica - daggerleaf cottonroseLythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Iva hayesiana - San Diego marsh-elder
Lythrum hyssopifolia - grass polyNavarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Juncus bufonius - toad rush
Navarretia fossalis - spreading navarretiaNavarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweedPogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Lythrum hyssopifolia - grass poly
Pogogyne nudiuscula - Otay mesa mintPolypogon monspeliensis - rabbitfoot grassPsilocarphus brevissimus var. brevissimus - dwarf woollyheadsSchismus barbatus - Mediterranean schismusSonchus asper ssp. asper - prickly sow thistle	Navarretia fossalis - spreading navarretia
Polypogon monspeliensis - rabbitfoot grass         Psilocarphus brevissimus var. brevissimus - dwarf woollyheads         Schismus barbatus - Mediterranean schismus         Sonchus asper ssp. asper - prickly sow thistle	Navarretia hamata - hooked skunkweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads Schismus barbatus - Mediterranean schismus Sonchus asper ssp. asper - prickly sow thistle	Pogogyne nudiuscula - Otay mesa mint
Schismus barbatus - Mediterranean schismus Sonchus asper ssp. asper - prickly sow thistle	Polypogon monspeliensis - rabbitfoot grass
Sonchus asper ssp. asper - prickly sow thistle	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Schismus barbatus - Mediterranean schismus
Unknown mustard	Sonchus asper ssp. asper - prickly sow thistle
	Unknown mustard
Yucca schidigera - Mojave yucca	Yucca schidigera - Mojave yucca

Survey Year: 2020		
Complex Name: Clayton Parcel (J2)	ex Name: Clayton Parcel (J2) 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	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Star	rt Time: 01:42 PM Survey End	Time: 02:43 PM
Surveyors: Jason Allen		
VPHCP Covered Species Present: PONU		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Other Native Species in Pool:		
Spec	ies Name	Cover
Callitriche marginata	Callitriche marginata - winged water-starwort	
Са	Carex sp.	
Juncus bufo	Juncus bufonius - toad rush	
Psilocarphus brevissimus var.	. brevissimus - dwarf woollyheads	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	ecies Richness in Basin: 4
Nonnative Species in Pool:		

Species Name	Cover
Festuca perennis - rye grass	10-25%
Lythrum hyssopifolia - grass poly	25-50%
Sonchus oleraceus - common sow th	istle <1%
Cover of Nonnative Species in Basin: 25-50%	Nonnative Species Richness in Basin: 3

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

Page 151

Survey Year: 2020

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

### 2020 Quantitative Monitoring Data continued

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

Species Name	
Acmispon glaber var. glaber - deerweed	
Artemisia californica - California sagebrush	
Atriplex semibaccata - Australian saltbush	
Avena barbata - slender wild oat	
Bromus madritensis - foxtail chess	
Deinandra fasciculata - fascicled tarweed	
Dudleya pulverulenta - chalk dudleya	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Euphorbia misera - cliff spurge	
Euphorbia serpens - matted sandmat	
Festuca perennis - rye grass	
Grindelia camporum - gumplant	
Hooveria parviflora	
Hypochaeris glabra - smooth cat's-ear	
Lactuca serriola - prickly lettuce	
Logfia gallica - daggerleaf cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssopifolia - grass poly	
Medicago polymorpha - California burclover	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Mirabilis laevis var. crassifolia - wishbone bush	
Opuntia littoralis - coast prickly-pear	
Rhus integrifolia - lemonade berry	
Salsola tragus - Russian thistle	
Selaginella cinerascens - ashy spike-moss	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Yucca schidigera - Mojave yucca	

Notes: Pool being restored.

VP ID: 876

Survey Year: 2020		
omplex Name: Goat Mesa (J16-18)		<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 5/11/2020 Surve	ey Start Time: 10:36 AM Survey End	<b>Time:</b> 10:56 AM
Surveyors: Kayo Valenti, JR Sundberg	g	
VPHCP Covered Species Present: NA	FO, ERAR	
Cover of ERAR in Basin: 1-5	<b>Cover of NAFO in Basin:</b> <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
	Species Name	Cover
Deinandra fa	sciculata - fascicled tarweed	25-50%
Erythranthe latid	ens - broad-tooth monkeyflower	<1%
Juncus	<i>s bufonius</i> - toad rush	<1%
Lysimac	<i>hia minima</i> - chaffweed	1-5%
Psilocarphus brevissimu	us var. brevissimus - dwarf woollyheads	<1%
Zeltnera ve	nusta - California centaury	<1%
Cover of Other Native Spec	ies in Basin: 25-50% Other Native S	pecies Richness in Basin: 7

Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Pseudognaphalium luteoalbum - fragrant everlasting co	udweed <1%
Cover of Nonnative Species in Basin: 5-10% Nonn	ative Species Richness in Basin: 6

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

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

**VP ID:** 1141

### 2020 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
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Melilotus indicus - sourclover
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle

Complex Name: Goat Mesa (J16-18)		<b>VP ID:</b> 1142
		VP ID. 1142
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/11/2020 Survey St	art Time: 11:00 AM Survey En	d Time: 11:29 AM
Surveyors: Kayo Valenti, JR Sundberg		
VPHCP Covered Species Present: NAFO,	ERAR	
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin: <1%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	ecies Name	Cover
Deinandra fascic	Deinandra fasciculata - fascicled tarweed	
Erigeron can	Erigeron canadensis - horseweed	
<i>Erythranthe latidens</i> - broad-tooth monkeyflower		<1%
Juncus bufonius - toad rush		<1%
<i>Lysimachia minima</i> - chaffweed		1-5%
Myosurus minimus ssp. apus - little mouse tail		<1%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%
PSHOCULPHUS DIEVISSIIIUS V		

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 8

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	s <1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/sto	orksbill <1%
Sonchus asper ssp. asper - prickly sow	thistle <1%
Cover of Nonnative Species in Basin: 1-5%	Nonnative Species Richness in Basin: 4

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

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

 Dead Species Present in Pool:

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

**VP ID:** 1142

### 2020 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
Bromus sterilis - poverty brome
Centaurea melitensis - tocalote
Deinandra fasciculata - fascicled tarweed
Erodium botrys - long-beak filaree/storksbill
Lysimachia arvensis - scarlet pimpernel
Melilotus indicus - sourclover
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Survey Year: 2020				
omplex Name: Goat Mesa (J16-18)			<b>VP ID:</b> 1189	
2003 Baseline Survey D	Data			
Baseline Cover of ERAR	<b>R:</b> 0.0	Baseline Cover of NA	FO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POA	Baseline Cover of POAB: 0.0		NU: 0.0	
2020 Quantitative Mor	nitoring Data			
Survey Date: 5/11/2020	0 Survey Sta	r <b>t Time:</b> 01:09 PM	Survey End	Time: 01:37 PM
Surveyors: Kayo Valent	i, J. R. Sundberg			
VPHCP Covered Specie	s Present: ERAR			
Cover of ERAR	in Basin: 5-10%	Cover of NAFO in Bas	sin:	Cover of ORCA in Basin:
Cover of POAE	3 in Basin:	Cover of PONU in Ba	sin:	
Other Native Species in	n Pool:			
	Spec	ies Name		Cover
Сс	allitriche marginata	- winged water-starwo	rt	1-5%
	Deinandra fascicul	ata - fascicled tarweed		<1%
El	atine brachysperm	a - short-seed waterwoi	rt	<1%
	Isoetes orcuttii - Orcutt's quillwort		1-5%	
	Juncus bufonius - toad rush		<1%	
M	yosurus minimus s	sp. <i>apus</i> - little mouse ta	ail	<1%
Psilocarph	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		25-50%	
	Triglochin scilloides - flowering-quillwort		<1%	
Course of Other				

**Cover of Other Native Species in Basin:** 25-50% Other Native Species Richness in Basin: 8

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

Species	Name	Cover
Spergularia bocconi - Bo	<1%	
Cover of Nonnative Species in Basin	1-5% Nonnative Species	Richness in Basin: 1
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: 5	-10% Cover of Litter in Basin: 25-50%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

### 2020 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 madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Lamarckia aurea - golden-top
Lasthenia californica - California goldfields
Logfia filaginoides - California cottonrose
Logfia gallica - daggerleaf cottonrose
Navarretia hamata - hooked skunkweed
Plantago elongata - prairie plantain
Plantago erecta - dot-seed plantain
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Selaginella cinerascens - ashy spike-moss
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Spergularia bocconi - Boccone's sand-spurrey
Stipa lepida - foothill needle grass

Notes: Leaf litter consists primarily of

**VP ID:** 1189

omplex Name: Goat Mesa (J16-18)		<b>VP ID:</b> 1775	
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		
2020 Quantitative Monitoring Data			
Survey Date: 5/11/2020 Survey Sta	art Time: 12:35 PM Survey En	d Time: 01:03 PM	
Surveyors: Kayo Valenti, JR Sundberg			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Deinandra fascici	ulata - fascicled tarweed	<1%	
Elatine brachysperr	na - short-seed waterwort	<1%	
Erigeron can	adensis - horseweed	<1%	
Juncus buj	<i>fonius</i> - toad rush	<1%	
Marsilea vesti	a - hairy waterclover	5-10%	
Pilularia america	ana - American pillwort	1-5%	
Plagiobothrys acantho	carpus - adobe popcornflower	<1%	
Plantago elong	gata - prairie plantain	<1%	
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	10-25%	
Rume	x sp. (native)	<1%	
Triglochin scilloid	Triglochin scilloides - flowering-quillwort		

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 11

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

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	1-5%
Polypogon monspeliensis - rabbitfoot grass	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

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

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

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

VP ID: 1775

### 2020 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 madritensis - foxtail chess
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Lasthenia californica - California goldfields
Logfia gallica - daggerleaf cottonrose
Rhus integrifolia - lemonade berry
Spergularia bocconi - Boccone's sand-spurrey
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Notes: Litter includes algae

omplex Name: Goat Mesa (J16-18)		<b>VP ID:</b> 1920	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
	ey Start Time: 12:09 PM Survey En	d Time: 12:32 PM	
Surveyors: Kayo Valenti, JR Sundber			
VPHCP Covered Species Present:	-		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
	Species Name	Cover	
Deinandra fa	sciculata - fascicled tarweed	1-5%	
Erigeron	canadensis - horseweed	<1%	
Juncu	<i>s bufonius</i> - toad rush	<1%	
Pilularia am	ericana - American pillwort	1-5%	
Plagiobothrys acar	nthocarpus - adobe popcornflower	<1%	
Plantago e	elongata - prairie plantain	1-5%	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 7

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

Species Name	Cover
Dittrichia graveolens - stinkwort	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Lythrum hyssopifolia - grass poly	<1%
Spergularia bocconi - Boccone's sand-spurrey	<1%

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

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

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

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

**VP ID:** 1920

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon micranthus - Grab Lotus
Acmispon strigosus - bishop's/strigose lotus
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Festuca myuros - rattail sixweeks grass
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Nuttallanthus texanus - blue toadflax
Zeltnera venusta - California centaury

Notes: Leaf litter predominantly algae

Survey Year: 2020		
Complex Name: Goat Mesa (J16-18)	<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 5/11/2020 Survey Star	t Time: 09:30 AM Survey End	d Time: 10:28 AM
Surveyors: Kayo Valenti, JR Sundberg		
VPHCP Covered Species Present: NAFO, ER	RAR	
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin: 1-5%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Deinandra fasciculo	ata - fascicled tarweed	5-10%
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush	
Erigeron canad	Erigeron canadensis - horseweed	
Erythranthe latidens - b	proad-tooth monkeyflower	<1%
Juncus bufor	nius - toad rush	<1%
Laennecia coulteri	- Coulter's horseweed	<1%
Lysimachia mi	Lysimachia minima - chaffweed	
Plagiobothrys acanthoca	Plagiobothrys acanthocarpus - adobe popcornflower	
Plantago rhodosper	Plantago rhodosperma - red-seed plantain	
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Zeltnera venusta	- California centaury	1-5%
Cover of Other Native Species in	Basin: 10-25% Other Native S	pecies Richness in Basin: 11

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: 5-10%Days Since Last Rain: >16Ponded Water Present: noFoundation of the second second

Survey Year: 2020

Complex Name: Goat Mesa (J16-18)

VP ID: 2642

### 2020 Quantitative Monitoring Data continued

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

Species Name
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
<i>Clarkia</i> sp.
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Linanthus dianthiflorus - farinose ground pink
Lysimachia arvensis - scarlet pimpernel
Melilotus indicus - sourclover
Phalaris minor - little-seeded canary grass
Plantago erecta - dot-seed plantain
Plantago rhodosperma - red-seed plantain
Polypogon monspeliensis - rabbitfoot grass
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Notes: Survey timing was optimal

Survey Year: 202	20				
Complex Name: Nobel Drive (X5)			<b>VP ID:</b> 666		
2003 Baseline Su	Jrvey Data				
Baseline Cover o	of ERAR: 0.0	Baseline Cover of N	I <b>AFO:</b> 0.5 <sup>*</sup>	Baseline Cover of ORCA: 0.0	
Baseline Cover o	of POAB: 0.0	Baseline Cover of P	<b>ONU:</b> 0.0		
2020 Quantitativ	ve Monitoring Data				
Survey Date: 5/2	1/2020 Survey Star	r <b>t Time:</b> 01:46 PM	Survey End	Time: 02:07 PM	
Surveyors: Sara	Allen, Paula Birdwell				
VPHCP Covered	Species Present: NAFO				
Cover o	f ERAR in Basin:	Cover of NAFO in B	asin: <1%	Cover of ORCA in Basin:	
Cover o	f POAB in Basin:	Cover of PONU in B	asin:		
Other Native Sp	<u>ecies in Pool:</u>				
	Speci	ies Name		Cover	
	Brodiaea Orcutti	ii - Orcutt's brodiaea		<1%	
	Deinandra fasciculata - fascicled tarweed		<1%		
	Deschampsia danthor	<i>nioides</i> - annual hair g	rass	<1%	
	Downingia cuspida	<i>ta</i> - toothed downingi	а	<1%	
	Eleocharis macrost	<i>achya -</i> pale spike-rus	h	5-10%	
	Juncus bufonius - toad rush		<1%		
	Plagiobothrys sp.		5-10%		
Psil	locarphus brevissimus var.	brevissimus - dwarf w	voollyheads	5-10%	
Covere	f Other Native Species in	<b>Basin:</b> 10.25%	thar Native C	action Richmond in Pacine 9	

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 8

#### Nonnative Species in Pool:

Species Name	Cover
Cotula coronopifolia - brass-buttons	1-5%
Dittrichia graveolens - stinkwort	<1%
Lythrum hyssopifolia - grass poly	5-10%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Cover of Nonnative Species in Basin: 5-10% Nonnative Spe	cies Richness in Basin: 4

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

Survey Year: 2020

Complex Name: Nobel Drive (X5)

2020 Quantitative Monitoring Data continued

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

Species Name
Baccharis pilularis - coyote brush
Brodiaea Orcuttii - Orcutt's brodiaea
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Dittrichia graveolens - stinkwort
Eriogonum fasciculatum - California buckwheat
Erodium moschatum - greenstem filaree
Festuca myuros - rattail sixweeks grass
Gastridium phleoides - nit grass
Hypochaeris glabra - smooth cat's-ear
Juncus bufonius - toad rush
Lythrum hyssopifolia - grass poly
Malosma laurina - laurel sumac
Navarretia hamata - hooked skunkweed
Phalaris aquatica - harding grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium californicum - California everlasting
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Sonchus oleraceus - common sow thistle
Stephanomeria diegensis - San Diego wreath-plant

Notes:

**VP ID:** 666

Survey Year: 2020		
Complex Name: Otay Lakes (K5)	<b>VP ID:</b> 208	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/13/2020 Survey Sta	art Time: 12:56 PM Survey Er	<b>nd Time:</b> 01:28 PM
Surveyors: Kayo Valenti, J. R. Sundberg		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	cies Name	Cover
Calochortus splende	<i>ns</i> - splendid mariposa lily	<1%
Cressa truxil	lensis - alkali weed	<1%
Deinandra fascicu	lata - fascicled tarweed	10-25%
Deschampsia dantho	onioides - annual hair grass	<1%
Downingia cuspide	ata - toothed downingia	<1%
Eleocharis macros	<i>tachya -</i> pale spike-rush	1-5%
Hordeum interc	edens - bobtail barley	1-5%
Isoetes orcutti	Isoetes orcuttii - Orcutt's quillwort	
Juncus buf	Juncus bufonius - toad rush	
Phalaris lemmonii	Phalaris lemmonii - Lemmon's canary grass	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Zeltnera venusto	Zeltnera venusta - California centaury	
Cover of Other Native Species in	Basin: 10-25% Other Native	Species Richness in Basin: 12

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#### Nonnative Species in Pool:

Species Name	Cover
Avena barbata - slender wild oat	<1%
Bromus hordeaceus - soft chess	1-5%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca perennis - rye grass	<1%
Lythrum hyssopifolia - grass poly	5-10%
Polypogon monspeliensis - rabbitfoot grass	1-5%

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 7

Bare Ground Cover in Basin: 5-10% Days Since Last Rain: >16

Ponded Water Present: no

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

**VP ID:** 208

Survey Year: 2020

Complex Name: Otay Lakes (K5)

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bloomeria clevelandii - San Diego goldenstar
Brodiaea terrestris ssp. kernensis - Kern dwarf brodiaea
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Centaurea melitensis - tocalote
Cressa truxillensis - alkali weed
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Helminthotheca echioides - bristly ox-tongue
Hordeum sp.
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Microseris douglasii ssp. platycarpha - small-flowered microseris
Polypogon monspeliensis - rabbitfoot grass
Salvia munzii - Munz's sage
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Notes: Some leaf is soil crust

Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 656
2003 Baseline Survey Data		
Baseline Cover of ERAR: 5.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/13/2020 Survey Sta	rt Time: 12:10 PM Survey En	<b>d Time:</b> 12:45 PM
Surveyors: Kayo Valenti, JR Sundberg		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	cies Name	Cover
Bloomeria clevelano	dii - San Diego goldenstar	<1%
Brodiaea terrestris ssp. k	<i>ernensis</i> - Kern dwarf brodiaea	<1%
Calochortus splende	<i>ns</i> - splendid mariposa lily	<1%
Convolvulus simulans - s	small-flowered morning-glory	<1%
Cressa truxill	lensis - alkali weed	<1%
Deinandra fascicu	lata - fascicled tarweed	1-5%
	onioides - annual hair grass	<1%
	ria parviflora	<1%
	edens - bobtail barley	1-5%
Isocoma menzies	ii - coastal goldenbush	<1%
-	Juncus bufonius - toad rush	
Lysimachia m	Lysimachia minima - chaffweed	
	Phalaris lemmonii - Lemmon's canary grass	
	- western blue-eyed-grass	<1% <1%
China a vallabura	Stipa pulchra - purple needle grass	

#### Nonnative Species in Pool:

Species Name	Cover
Avena barbata - slender wild oat	<1%
Bromus hordeaceus - soft chess	5-10%
Bromus rubens - red brome	1-5%
Erodium botrys - long-beak filaree/storksbill	10-25%
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%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Survey Year: 2020		
Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 656
Cover of Nonnative Species in Basin:	10-25% Nonnative Species Richne	ess in Basin: 11
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: 1-5%	Cover of Litter in Basin: 25-50%
Days Since Last Rain: >16	Ponded Water Present: no	
Dead Species Present in Pool:		

VP ID: 656

Survey Year: 2020

Complex Name: Otay Lakes (K5)

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bloomeria clevelandii - San Diego goldenstar
Bromus diandrus - ripgut grass
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Cressa truxillensis - alkali weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Hordeum intercedens - bobtail barley
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Phalaris lemmonii - Lemmon's canary grass
Silene gallica - windmill pink
Sisyrinchium bellum - western blue-eyed-grass
Stipa pulchra - purple needle grass

Notes: This pool is likely now three

Survey Y	<b>'ear:</b> 2020		
Complex	<b>K Name:</b> Otay Lakes (K5)		<b>VP ID:</b> 891
2003 Bas	seline Survey Data		
Baseline	Cover of ERAR: 20.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline	e Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Qu	antitative Monitoring Data		
Survey D	Date: 5/13/2020 Survey Star	t Time: 09:46 AM Survey End	Time: 10:34 AM
Surveyo	rs: Kayo Valenti, JR Sundberg		
VPHCP C	Covered Species Present: ERAR		
	Cover of ERAR in Basin: 5-10%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
	Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Na	ative Species in Pool:		
	Speci	es Name	Cover
	Brodiaea terrestris ssp. ke	rnensis - Kern dwarf brodiaea	<1%
	Deinandra fascicul	ata - fascicled tarweed	1-5%
	Deschampsia danthor	nioides - annual hair grass	1-5%
	Hordeum interce	dens - bobtail barley	1-5%
	Juncus bufonius - toad rush		<1%
	Lasthenia sp.		<1%
	Lysimachia m	nima - chaffweed	1-5%
	Microseris douglasii ssp. platyo	carpha - small-flowered microseris	<1%
	Phalaris lemmonii -	Lemmon's canary grass	1-5%
	Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	1-5%
	Stipa pulchra -	ourple needle grass	<1%
	Trichostema lance	olatum - vinegar weed	<1%
	Zeltnera venusta	- California centaury	<1%

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 13

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Gastridium phleoides - nit grass	1-5%
Lythrum hyssopifolia - grass poly	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 1-5%

**Nonnative Species Richness in Basin:** 4

Bare Ground Cover in Basin: 1-5%

Ponded Water Present: no

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

Days Since Last Rain: >16

Survey Year: 2020

Complex Name: Otay Lakes (K5)

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Baccharis sarothroides - broom baccharis
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calochortus splendens - splendid mariposa lily
Croton californicus - California croton
Deinandra fasciculata - fascicled tarweed
Deschampsia danthonioides - annual hair grass
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lamarckia aurea - golden-top
Lasthenia gracilis - common goldfields
Logfia gallica - daggerleaf cottonrose
Phalaris lemmonii - Lemmon's canary grass
Selaginella cinerascens - ashy spike-moss
Silene gallica - windmill pink
Stipa pulchra - purple needle grass
Trichostema lanceolatum - vinegar weed
Zeltnera venusta - California centaury

Notes: Litter is predominately soil

**VP ID:** 891

Survey Year: 2020				
Complex Name: Otay Lakes (K5)			<b>VP ID:</b> 892	
2003 Baseline Survey Data				
Baseline Cover of ERAR: 1.0		Baseline Cover of N	IAFO: 1.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0		Baseline Cover of P	<b>ONU:</b> 0.0	
2020 Quantitative Monitorin	g Data			
Survey Date: 5/13/2020	Survey Sta	rt Time: 10:38 AM	Survey End T	Time: 11:08 AM
Surveyors: Kayo Valenti, JR Su	Indberg			
VPHCP Covered Species Prese	ent: ERAR			
Cover of ERAR in Bas	<b>in:</b> 5-10%	Cover of NAFO in B	asin:	Cover of ORCA in Basin:
Cover of POAB in Ba	sin:	Cover of PONU in E	Basin:	
Other Native Species in Pool:				
	Species Name			Cover
Brodiaea terr	Brodiaea terrestris ssp. kernensis - Kern dwarf brodiaea		prodiaea	<1%
Deina	Deinandra fasciculata - fascicled tarweed		d	1-5%
Descham	Deschampsia danthonioides - annual hair grass		rass	5-10%
Eleoch	Eleocharis macrostachya - pale spike-rush		5-10%	
Hore	Hordeum intercedens - bobtail barley			<1%
Isc	Isoetes orcuttii - Orcutt's quillwort		1-5%	
	Juncus bufonius - toad rush			1-5%
L	Lysimachia minima - chaffweed		<1%	
Phalan	Phalaris lemmonii - Lemmon's canary grass		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%		

Cover of Other Native Species in Basin: 10-25% Other Native Species Richness in Basin: 11

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

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Gastridium phleoides - nit 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

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

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

Survey Year: 2020

Complex Name: Otay Lakes (K5)

### 2020 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
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Hooveria parviflora
Hordeum intercedens - bobtail barley
Hypochaeris glabra - smooth cat's-ear
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lepidium nitidum - shining peppergrass
Selaginella cinerascens - ashy spike-moss
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Trichostema lanceolatum - vinegar weed

Notes: Litter includes algae and soil

**VP ID:** 892

Survey Year: 2020			
Complex Name: Otay Lakes (K5)		<b>VP ID:</b> 1801	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/13/2020 Survey Sta	art Time: 01:39 PM Survey En	<b>d Time:</b> 01:56 PM	
Surveyors: Kayo Valenti, J. R. Sundberg			
VPHCP Covered Species Present: ERAR			
<b>Cover of ERAR in Basin:</b> <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Baccharis sarothr	Baccharis sarothroides - broom baccharis		
Brodiaea terrestris ssp. k	Brodiaea terrestris ssp. kernensis - Kern dwarf brodiaea		
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Deschampsia dantho	Deschampsia danthonioides - annual hair grass		
Isoetes orcutti	Isoetes orcuttii - Orcutt's quillwort		
Juncus buf	Juncus bufonius - toad rush		
Lysimachia n	Lysimachia minima - chaffweed		
Microseris douglasii ssp. plat	Microseris douglasii ssp. platycarpha - small-flowered microseris		
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Sisyrinchium bellum	Sisyrinchium bellum - western blue-eyed-grass		
Stipa pulchra -	- purple needle grass	<1%	
Zeltnera venusta - California centaury		<1%	

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 12

#### Nonnative Species in Pool:

Species Name	Cover
Avena barbata - slender wild oat	<1%
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Hypochaeris glabra - smooth cat's-ear	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	10-25%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Cover of Nonnative Species in Basin: 10-25% Nonnative Speci	es Richness in Basin: 9

Cover of Nonnative Species in Basin: 10-25%

Nonnative Species Richness in Basin: 9

Days Since Last Rain: >16

Ponded Water Present: no

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

Days Since Last Rain: >16 Ponded W

Survey Year: 2020

Complex Name: Otay Lakes (K5)

**VP ID:** 1801

2020 Quantitative Monitoring Data continued

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

Notes: Some of leaf litter is soil crust

Complex Name: West Otay C (J32)		<b>VP ID:</b> 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	
2020 Quantitative Monitoring Data		
Survey Date: 5/27/2020 Survey S	Start Time: 04:37 PM Survey E	<b>nd Time:</b> 05:05 PM
Surveyors: Jason Allen		
VPHCP Covered Species Present: PONU	J, ERAR	
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: <1%	
Other Native Species in Pool:		
Species Name		Cover
Baccharis saroth	Baccharis sarothroides - broom baccharis	
Deinandra fascie	Deinandra fasciculata - fascicled tarweed	
Juncus bi	Juncus bufonius - toad rush	
Myosurus minimus	Myosurus minimus ssp. apus - little mouse tail	
Navarretia ham	Navarretia hamata - hooked skunkweed	
Plantago elor	Plantago elongata - prairie plantain	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		50-75%

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

Species M	Name	Cover
Bromus hordeace	<i>us</i> - soft chess	<1%
Bromus rubens	- red brome	<1%
Festuca perenni	<i>is</i> - rye grass	<1%
Lythrum hyssopifo	lia - grass poly	1-5%
Silene gallica - v	vindmill pink	<1%
Cover of Nonnative Species in Basin:	5-10% Nonnative Species	Richness in Basin: 5
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin:	1-5% <b>Cover of Litter in Basin:</b> <1%

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

Survey Year: 2020

Complex Name: West Otay C (J32)

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Amsinckia intermedia - common fiddleneck
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Baccharis pilularis - coyote brush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lythrum hyssopifolia - grass poly
Melilotus indicus - sourclover
Oncosiphon pilulifer - stinknet
Peritoma arborea - bladderpod
Plantago elongata - prairie plantain
Pseudognaphalium beneolens - fragrant everlasting
Pseudognaphalium sp.
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle
Yucca schidigera - Mojave yucca
Zeltnera venusta - California centaury

Notes:

**VP ID:** 1545

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1577
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Start	t Time: 03:49 PM Survey Er	<b>nd Time:</b> 04:32 PM
Surveyors: Jason Allen		
VPHCP Covered Species Present:		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Species Name		Cover
Matricaria discoidea - pineapple weed		<1%
Cover of Other Native Species in E	Basin: 0%Other Native	Species Richness in Basin: 0
Nonnative Species in Pool:		
Specie	Species Name	
Festuca myuros - rattail sixweeks grass		<1%
Glebionis coron	Glebionis coronaria - crown daisy	
Helminthotheca echio	Helminthotheca echioides - bristly ox-tongue	
Lactuca serriol	Lactuca serriola - prickly lettuce	
Lysimachia arvens.	Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssor	Lythrum hyssopifolia - grass poly	
Polypogon monspeli	Polypogon monspeliensis - rabbitfoot grass	
- //- 5		
Cover of Nonnative Species in Bas	sin: 5-10% Nonnative Sp	ecies Richness in Basin: 10

**Dead Species Present in Pool:** 

Survey Year: 2020

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

VP ID: 1577

### 2020 Quantitative Monitoring Data continued

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

Species Name
Amaranthus blitum ssp. emarginatus - purple amaranth
Artemisia californica - California sagebrush
Brassica nigra - black mustard
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Erodium botrys - long-beak filaree/storksbill
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Hesperoyucca whipplei - chaparral candle
Isocoma menziesii - coastal goldenbush
Matricaria discoidea - pineapple weed
Mesembryanthemum nodiflorum - slender-leaved iceplant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle

Notes: Overgrown with weeds.

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1580	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Sta	art Time: 04:33 PM Survey En	<b>d Time:</b> 05:06 PM	
Surveyors: Jason Allen			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Species Name		Cover	
Deinandra fascicu	Deinandra fasciculata - fascicled tarweed		
Eleocharis macros	Eleocharis macrostachya - pale spike-rush		
Epilobium campes	Epilobium campestre - smooth boisduvalia		
Juncus buf	Juncus bufonius - toad rush		
Psilocarphus brevissimus va	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Zeltnera venust	a - California centaury	<1%	
Cover of Other Native Species in	n Basin: 10-25% Other Native S	Species Richness in Basin: 6	

Nonnative Species in Pool:

Species Name	Cover
<i>Brassica nigra</i> - black mustard	<1%
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	<1%
Helminthotheca echioides - bristly ox-tongue	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	50-75%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Cover of Nonnative Species in Basin: 50-75% Nonnative Species Rich	hness in Basin: 8
Bare Ground Cover in Basin: 1-5% Cover of Rocks/Cobble in Basin: <1%	<b>Cover of Litter in Basin:</b> <1%

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

Survey Year: 2020

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

**VP ID:** 1580

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Epilobium campestre - smooth boisduvalia
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
Glebionis coronaria - crown daisy
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lythrum hyssopifolia - grass poly
Medicago polymorpha - California burclover
Opuntia littoralis - coast prickly-pear
Rhus integrifolia - lemonade berry
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle

Notes:

Survey Year: 2020
-------------------

Complex Name: Robinhood Ridge (J4-	5)	<b>VP ID:</b> 1595
2003 Baseline Survey Data		
Baseline Cover of ERAR: 50.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey	Start Time: 09:54 AM Survey End	Time: 10:02 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
St	pecies Name	Cover
Deinandra fasc	iculata - fascicled tarweed	1-5%
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	1-5%
<b>Cover of Other Native Species</b>	s in Basin: 1-5% Other Native Sp	ecies Richness in Basin: 2
Nonnative Species in Pool:		
Sr	pecies Name	Cover
Bromus hordeaceus - soft chess		1-5%
L	Erodium sp.	<1%
Festuca myuro	os - rattail sixweeks grass	1-5%
Lamarckie	<i>a aurea</i> - golden-top	<1%
Logfia gallica	Logfia gallica - daggerleaf cottonrose	

*Phalaris paradoxa* - hood canary grass <1% Cover of Nonnative Species in Basin: 5-10% Nonnative Species Richness in Basin: 5 Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 5-10% Cover of Litter in Basin: <1% Days Since Last Rain: 6-15 Ponded Water Present: no

Survey Year: 2020

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

VP ID: 1595

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> 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
Hooveria parviflora
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum crystallinum - crystalline iceplant
Mesembryanthemum nodiflorum - slender-leaved iceplant
Myosurus minimus ssp. apus - little mouse tail
Phalaris minor - little-seeded canary grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Spergularia bocconi - Boccone's sand-spurrey
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Notes:

Survey Year: 2020			<b>VP ID:</b> 1596
Complex Name: Robinhood Ridge (J4-5)		VP ID: 1596	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 75.0	Baseline Cover of N	NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of P	<b>PONU:</b> 0.0	
2020 Quantitative Monitoring Da	ita		
Survey Date: 5/29/2020 Su	rvey Start Time: 09:30 AM	Survey End	l Time: 10:09 AM
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present:	ERAR		
Cover of ERAR in Basin:	25-50% Cover of NAFO in B	Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in E	Basin:	
Other Native Species in Pool:			
	Species Name		Cover
Deinandra	<i>fasciculata</i> - fascicled tarwee	d	<1%
Juncus bufonius - toad rush		<1%	
Myosurus mi	<i>inimus</i> ssp. <i>apus</i> - little mouse	tail	<1%
Psilocarphus brevissi	<i>imus</i> var. <i>brevissimus</i> - dwarf v	voollyheads	5-10%
Sisyrinchium	bellum - western blue-eyed-g	rass	<1%
Zeltnera	venusta - California centaury		<1%
Cover of Other Native Sp	$\frac{1}{2}$	thar Nativa S	necies Richness in Basin: 6

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 6

#### Nonnative Species in Pool:

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Gastridium phleoides - nit grass	<1%
Lysimachia arvensis - scarlet pimpernel	<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: 5-10%
 Nonnative Species Richness in Basin: 8

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

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

 Dead Species Present in Pool:
 Vertical Species Cover of Cover

Survey Year: 2020

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

**VP ID:** 1596

#### 2020 Quantitative Monitoring Data continued

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

Species	Name
Acmispon glaber var.	glaber - deerweed
Artemisia californica -	California sagebrush
Bahiopsis laciniata -	San Diego viguiera
Callitriche marginata - v	vinged water-starwort
Crassula connato	r - pygmy-weed
Cylindropuntia prol	<i>fera</i> - coast cholla
Deinandra fasciculato	I - fascicled tarweed
Elatine brachysperma -	short-seed waterwort
Eriogonum fasciculatum	- California buckwheat
Erodium botrys - long-l	beak filaree/storksbill
Eryngium aristulatum var. pari	shii - San Diego button-celery
Ferocactus viridescens - S	San Diego barrel cactus
Festuca myuros - rat	tail sixweeks grass
Festuca pereni	nis - rye grass
Gastridium phleo	oides - nit grass
Hainardia cylindr	ica - barb grass
Hooveria p	parviflora
Isocoma menziesii - d	coastal goldenbush
Juncus bufoniu	<i>is</i> - toad rush
Lactuca serriola	- prickly lettuce
<i>Logfia gallica</i> - dag	gerleaf cottonrose
Lysimachia arvensis	- scarlet pimpernel
Mesembryanthemum crysta	llinum - crystalline iceplant
Mesembryanthemum nodiflor	um - slender-leaved iceplant
Mirabilis laevis var. cras	sifolia - wishbone bush
Phalaris minor - little-	seeded canary grass
Phalaris paradoxa -	hood canary grass
Polypogon monspelier	<i>isis</i> - rabbitfoot grass
Pseudognaphalium stramin	eum - cotton-batting plant
Psilocarphus brevissimus var. br	evissimus - dwarf woollyheads
Simmondsia chi	nensis - jojoba
Sisyrinchium bellum - we	estern blue-eyed-grass
Sonchus asper ssp. asp	er - prickly sow thistle
Sonchus oleraceus - c	common sow thistle
Stipa lepida - foot	hill needle grass
<i>Stipa pulchra</i> - pu	ple needle grass
Zeltnera venusta - C	California centaury

Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Notes:

**VP ID:** 1596

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1598
2003 Baseline Survey Data		
Baseline Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Sta	art Time: 08:45 AM Survey End	Time: 09:26 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: NAFO		
Cover of ERAR in Basin:	Cover of NAFO in Basin: 25-50%	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Callitriche marginat	a - winged water-starwort	<1%
Deinandra fascicu	ılata - fascicled tarweed	<1%
Elatine brachyspern	na - short-seed waterwort	<1%
Juncus buf	onius - toad rush	<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	5-10%
Sisyrinchium bellum	- western blue-eyed-grass	<1%

**Cover of Other Native Species in Basin:** 10-25% **Other Native Species Richness in Basin:** 7

Zeltnera venusta - California centaury

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Phalaris paradoxa - hood canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Spergularia bocconi - Boccone's sand-spurrey	<1%

<1%

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

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

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Dead Species Present in Basin:

Survey Year: 2020

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

2020 Quantitative Monitoring Data continued

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

Species Name	
Acmispon glaber var. glaber - deerweed	
Artemisia californica - California sagebrush	
Atriplex pacifica - south coast saltscale	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Crassula connata - pygmy-weed	
Cylindropuntia prolifera - coast cholla	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
Erigeron sumatrensis - tropical horseweed	
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	
Gnaphalium palustre - lowland cudweed	
Hainardia cylindrica - barb grass	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Logfia gallica - daggerleaf cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Mirabilis laevis var. crassifolia - wishbone bush	
Myosurus minimus ssp. apus - little mouse tail	
Phalaris minor - little-seeded canary grass	
Phalaris paradoxa - hood canary grass	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa lepida - foothill needle grass	
Stipa pulchra - purple needle grass	

Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Notes:

**VP ID:** 1598

Complex Name: Robinhood Ridge (J4-5	)	<b>VP ID:</b> 1599
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey S	tart Time: 09:05 AM Survey Er	<b>id Time:</b> 09:24 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50	% Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Sp	ecies Name	Cover
Deinandra fascio	culata - fascicled tarweed	1-5%
Gnaphalium pa	lustre - lowland cudweed	<1%
Juncus bu	<i>ufonius</i> - toad rush	1-5%
Myosurus minimus	s ssp. <i>apus -</i> little mouse tail	1-5%
Psilocarphus brevissimus v	ar. brevissimus - dwarf woollyheads	5-10%
7.14	sta - California centaury	1-5%

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

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Hainardia cylindrica - barb grass	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus oleraceus - common sow thistle	<1%
Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 8	

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

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

Survey Year: 2020

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

**VP ID:** 1599

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Callitriche marginata - winged water-starwort
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Elatine brachysperma - short-seed waterwort
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Hainardia cylindrica - barb grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Phalaris paradoxa - hood canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Spergularia bocconi - Boccone's sand-spurrey
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1600	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 55.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/22/2020 Survey	y Start Time: 03:07 PM Survey Er	<b>nd Time:</b> 04:01 PM	
Surveyors: Jason Allen			
VPHCP Covered Species Present: ERA	R		
Cover of ERAR in Basin: 50-	75% Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
	Species Name	Cover	
Deinandra fasciculata - fascicled tarweed		<1%	
Gnaphalium palustre - lowland cudweed		<1%	
Juncus bufonius - toad rush		<1%	
Myosurus minimus ssp. apus - little mouse tail		<1%	
Pseudognaphalium stramineum - cotton-batting plant		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	

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

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Silene gallica - windmill pink	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: noCover of Litter in Basin: <1%</td>

Survey Year: 2020

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

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Chenopodium murale - nettle-leaf goosefoot
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Hainardia cylindrica - barb grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Pseudognaphalium beneolens - fragrant everlasting
Pseudognaphalium biolettii - bicolor cudweed
Salsola tragus - Russian thistle
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria diegensis - San Diego wreath-plant
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Notes:

**VP ID:** 1600

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1601	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 70.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/22/2020 Survey St	art Time: 01:18 PM Survey End	Time: 01:57 PM	
Surveyors: Jason Allen			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Eleocharis macrostachya - pale spike-rush		<1%	
Zeltnera venusta - California centaury		<1%	
Cover of Other Native Species i	n Basin: 1-5% Other Native Sp	ecies Richness in Basin: 2	
Nonnative Species in Pool:			
Spe	cies Name	Cover	
Bromus hore	deaceus - soft chess	1-5%	
Bromus ru	<i>bens</i> - red brome	<1%	
Festuca myuros	Festuca myuros - rattail sixweeks grass		

Cover of Nonnative Species in Basin: 5-10%	Nonnative Species Richness in Basir	n: 8
Polypogon monspeliensis - rabbitfoot	grass	<1%
Phalaris minor - little-seeded canary	grass	<1%
Lysimachia arvensis - scarlet pimper	rnel	<1%
Logfia gallica - daggerleaf cottonro	ose	<1%
Helminthotheca echioides - bristly ox-t	ongue	<1%
Festuca myuros - rattail sixweeks gr	rass	1-5%

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

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

 Dead Species Present in Pool:

Survey Year: 2020

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

**VP ID:** 1601

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia peplus - petty spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Selaginella bigelovii - Bigelow's spike-moss
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)	: Robinhood Ridge (J4-5) VP ID: 1602	
2003 Baseline Survey Data		
Baseline Cover of ERAR: 90.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Sta	art Time: 11:53 AM Survey End	Time: 12:03 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	cies Name	Cover
Eleocharis macros	Eleocharis macrostachya - pale spike-rush	
Juncus buf	Juncus bufonius - toad rush	
Myosurus minimus s	Myosurus minimus ssp. apus - little mouse tail	
Psilocarphus brevissimus var	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Zeltnera venusta	a - California centaury	<1%
Cover of Other Native Species in	Basin: 5-10% Other Native Sp	oecies Richness in Basin: 5
Nonnative Species in Pool:		
	cies Name	Cover
	Promus hardageous soft chose	

Cover of Nonnative Species in Basin: 5-10% Nonnative Speci	ies Richness in Basin: 8
Spergularia sp.	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Hainardia cylindrica - barb grass	1-5%
Festuca perennis - rye grass	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Erodium botrys - long-beak filaree/storksbill	<1%
Bromus hordeaceus - soft chess	<1%
Species Name	Cover

**Cover of Nonnative Species in Basin:** 5-10% 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: 6-15 Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1602

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Crassula connata - pygmy-weed
Cylindropuntia prolifera - coast cholla
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium brachycarpum - short-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia maculata - spotted spurge
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Helminthotheca echioides - bristly ox-tongue
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey	Year:	2020
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Complex Name: Robinhood Ridge (J4-5) **VP ID: 1603** 2003 Baseline Survey Data Baseline Cover of ERAR: 0.5 Baseline Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0 Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0 2020 Quantitative Monitoring Data Survey End Time: 02:33 PM Survey Date: 5/22/2020 Survey Start Time: 02:06 PM Surveyors: Jason Allen VPHCP Covered Species Present: ERAR Cover of ERAR in Basin: 10-25% Cover of NAFO in Basin: Cover of ORCA in Basin: Cover of POAB in Basin: **Cover of PONU in Basin: Other Native Species in Pool: Species Name** Cover Callitriche marginata - winged water-starwort <1% Psilocarphus brevissimus var. brevissimus - dwarf woollyheads <1% **Cover of Other Native Species in Basin:** 1-5% **Other Native Species Richness in Basin: 2** 

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

Creasing N	lama	Cover
Species N	lame	Cover
Lythrum hyssopifo	<i>lia</i> - grass poly	<1%
Polypogon monspeliens	<i>is</i> - rabbitfoot grass	1-5%
Cover of Nonnative Species in Basin:	1-5% Nonnative Species R	ichness in Basin: 2
Bare Ground Cover in Basin: 50-75%	Cover of Rocks/Cobble in Basin: 1-5	<b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool: Salsola		

Survey Year: 2020

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

**VP ID:** 1603

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia peplus - petty spurge
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Helminthotheca echioides - bristly ox-tongue
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)			<b>VP ID:</b> 1604
2003 Baseline Survey Data			
Baseline Cover of ERAR: 20.0	Baseline Cover of N	I <b>AFO:</b> 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of P	<b>ONU:</b> 0.0	
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Start	: <b>Time:</b> 10:42 AM	Survey End	Time: 10:53 AM
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in B	asin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in B	asin:	
Other Native Species in Pool:			
Specie	es Name		Cover
Cylindropuntia pro	<i>olifera -</i> coast cholla		<1%
Deinandra fascicula	ta - fascicled tarwee	d	1-5%
Eleocharis macrosta	<i>ichya</i> - pale spike-rus	h	<1%
Juncus bufor	<i>nius</i> - toad rush		1-5%
Psilocarphus brevissimus var. I	<i>brevissimus</i> - dwarf w	voollyheads	10-25%
Stipa lepida - fo	othill needle grass		<1%
Cover of Other Native Species in E	Rasin: 10.25%	ther Native Sp	ecies Richness in Basin: 6

#### Nonnative Species in Pool:

....

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Hainardia cylindrica - barb grass	<1%
Lactuca serriola - prickly lettuce	<1%
Logfia gallica - daggerleaf cottonrose	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	1-5%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus oleraceus - common sow thistle	<1%
Spergularia bocconi - Boccone's sand-spurrey	1-5%

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 14

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

Survey Year: 2020

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

**VP ID:** 1604

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1606	
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		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Sta	rt Time: 10:13 AM Survey End	d Time: 10:34 AM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	ies Name	Cover	
Callitriche marginata - winged water-starwort		<1%	
Elatine brachysperma - short-seed waterwort		<1%	
Juncus bufonius - toad rush		<1%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
Triglochin scilloides - flowering-quillwort		1-5%	

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lythrum hyssopifolia - grass poly	<1%
Phalaris paradoxa - hood canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

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

**Bare Ground Cover in Basin:** 50-75% **Cover of Rocks/Cobble in Basin:** 1-5% **Cover of Litter in Basin:** <1% Ponded Water Present: no Days Since Last Rain: 6-15

Survey Year: 2020

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

**VP ID:** 1606

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Deinandra fasciculata - fascicled tarweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hedypnois rhagadioloides - crete weed
Isocoma menziesii - coastal goldenbush
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stephanomeria sp.
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020			
omplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1607	
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	<b>PONU:</b> 1.0	
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey	Start Time: 10:40 AM	Survey End	Time: 11:05 AM
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: PON	U, ERAR		
Cover of ERAR in Basin: 50-7	5% Cover of NAFO in	Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in	Basin: 1-5%	
Other Native Species in Pool:			
S	pecies Name		Cover
Callitriche margir	Callitriche marginata - winged water-starwort		<1%
Elatine brachysperma - short-seed waterwort		1-5%	
Juncus bufonius - toad rush		<1%	
Psilocarphus brevissimus	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		5-10%
Zeltnera venu	Zeltnera venusta - California centaury		<1%
Cover of Other Native Species in Basin: 5-10% Other Native Spe		ecies Richness in Basin: 5	
Nonnative Species in Pool:			
	pecies Name		Cover
5			0010.

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

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: no

Survey Year: 2020

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

**VP ID:** 1607

#### 2020 Quantitative Monitoring Data continued

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

Species Name	
Artemisia californica - California sagebrush	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Cylindropuntia prolifera - coast cholla	
Deinandra fasciculata - fascicled tarweed	
Deschampsia danthonioides - annual hair grass	
Erigeron canadensis - horseweed	
Erigeron sumatrensis - tropical 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	
Hainardia cylindrica - barb grass	
Isocoma menziesii - coastal goldenbush	
Juncus bufonius - toad rush	
Lactuca serriola - prickly lettuce	
Logfia gallica - daggerleaf cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssopifolia - grass poly	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Mirabilis laevis var. crassifolia - wishbone bush	
Opuntia littoralis - coast prickly-pear	
Phalaris minor - little-seeded canary grass	
Phalaris paradoxa - hood canary grass	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium stramineum - cotton-batting plant	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Spergularia bocconi - Boccone's sand-spurrey	
Stephanomeria sp.	
Stipa lepida - foothill needle grass	
Stipa pulchra - purple needle grass	
Zeltnera venusta - California centaury	

Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Notes:

**VP ID:** 1607

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)	omplex Name: Robinhood Ridge (J4-5)	
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: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Sta	art Time: 10:59 AM Survey End	Time: 11:20 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Deschampsia danthonioides - annual hair grass		1-5%
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
Zeltnera venust	a - California centaury	1-5%
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	ecies Richness in Basin: 3
Nonnative Species in Pool:		
Spe	cies Name	Cover
Bromus hora	Bromus hordeaceus - soft chess	
Festuca myuros	Festuca myuros - rattail sixweeks grass	

Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	1-5%
Hainardia cylindrica - barb grass	1-5%
Lysimachia arvensis - scarlet pimpernel	1-5%
Lythrum hyssopifolia - grass poly	<1%
Phalaris minor - little-seeded canary grass	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 5-10%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in BasinPondel Water Present: no

Survey Year: 2020

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

VP ID: 1608

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Callitriche marginata - winged water-starwort
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
Erigeron canadensis - horseweed
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
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hainardia cylindrica - barb grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Logfia arizonica - Arizona cottonrose
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Spergularia bocconi - Boccone's sand-spurrey
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1609
2003 Baseline Survey Data		
Baseline Cover of ERAR: 40.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey St	art Time: 11:41 AM Survey En	<b>d Time:</b> 12:14 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Callitriche marginata - winged water-starwort		<1%
Juncus bufonius - toad rush		<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	1-5%
Zeltnera venus	ta - California centaury	<1%

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Gastridium phleoides - nit grass	<1%
Lysimachia arvensis - scarlet pimpernel	<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: 5-10% Nonnat

**Nonnative Species Richness in Basin:** 9

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: 6-15 Ponded Water Present: no

Survey Year: 2020

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

VP ID: 1609

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Daucus pusillus - rattlesnake weed
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
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Gastridium phleoides - nit grass
Hainardia cylindrica - barb grass
Isocoma menziesii - coastal goldenbush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1666
2003 Baseline Survey Data		
Baseline Cover of ERAR: 60.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Sta	rt Time: 02:01 PM Survey En	<b>d Time:</b> 02:12 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Callitriche marginata - winged water-starwort		<1%
Cylindropuntia p	Cylindropuntia prolifera - coast cholla	
Eleocharis macros	Eleocharis macrostachya - pale spike-rush	
Juncus bufo	Juncus bufonius - toad rush	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%
r silocul plius bievissillius val	Triglochin scilloides - flowering-quillwort	

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	<1%
Gastridium phleoides - nit grass	<1%
Hainardia cylindrica - barb grass	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Cover of Nernetive Species in Pasing 5 100/	aios Bishnoss in Basin (

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

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

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Dead Species Present in Pool:

Survey Year: 2020

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

VP ID: 1666

#### 2020 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 sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Deinandra fasciculata - fascicled tarweed	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium brachycarpum - short-beak filaree/storksbill	
Erodium sp.	
Eryngium aristulatum var. parishii - San Diego button-celery	
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Gastridium phleoides - nit grass	
Hainardia cylindrica - barb grass	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Lysimachia arvensis - scarlet pimpernel	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Mirabilis laevis var. crassifolia - wishbone bush	
Opuntia littoralis - coast prickly-pear	
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa lepida - foothill needle grass	
Zeltnera venusta - California centaury	

Survey Year: 2020				
complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1667		
2003 Baseline Survey Data	)			
Baseline Cover of ERAR: 0.	5	Baseline Cover of N	NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0 Baseline Cover of P		PONU: 0.0		
2020 Quantitative Monito	ring Data			
Survey Date: 5/22/2020	Survey Sta	rt Time: 01:26 PM	Survey End	d Time: 01:34 PM
Surveyors: Brenda Bennett	t			
VPHCP Covered Species Pr	esent: ERAR			
Cover of ERAR in	Basin: >75%	Cover of NAFO in B	Basin:	Cover of ORCA in Basin:
Cover of POAB in	Basin:	Cover of PONU in E	Basin:	
Other Native Species in Po	ol:			
	Spec	ies Name		Cover
	Juncus bufonius - toad rush		<1%	
M	Matricaria discoidea - pineapple weed		<1%	
Psilocarphus l	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		1-5%	
	Sisyrinchium bellum - western blue-eyed-grass		<1%	
Sisyrir	Zeltnera venusta - California centaury		-10/	
-	eltnera venusta	- California centaury		<1%

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

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

Survey Year: 2020

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

VP ID: 1667

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Ambrosia chenopodiifolia - San Diego bur-sage
Artemisia californica - California sagebrush
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Hypochaeris glabra - smooth cat's-ear
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Opuntia littoralis - coast prickly-pear
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1668	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 75.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/22/2020 Survey Star	t Time: 08:11 AM Survey End	Time: 09:30 AM	
Surveyors: Jason Allen, Brenda Bennett, Ry	an Meszaros		
VPHCP Covered Species Present: PONU, ER	RAR, NAFO		
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: 1-5%		
Other Native Species in Pool:			
Specie	es Name	Cover	
Deschampsia danthon	<i>ioides</i> - annual hair grass	<1%	
Gnaphalium palust	Gnaphalium palustre - lowland cudweed		
Juncus bufor	Juncus bufonius - toad rush		
Pseudognaphalium stram	Pseudognaphalium stramineum - cotton-batting plant		
Psilocarphus brevissimus var.	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Zeltnera venusta	Zeltnera venusta - California centaury		
Cover of Other Native Species in Basin: 5-10% Other Native Sp		oecies Richness in Basin: 6	
Nonnative Species in Pool:			
	es Name	Cover	
	Bromus hordeaceus - soft chess		

Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	1-5%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10% Nor

Nonnative Species Richness in Basin: 9

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

Ponded Water Present: no

Dead Species Present in Pool:

Days Since Last Rain: 6-15

Survey Year: 2020

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

2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deschampsia danthonioides - annual hair grass
Erigeron bonariensis - flax-leaved horseweed
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium brachycarpum - short-beak filaree/storksbill
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
Glebionis coronaria - crown daisy
Hainardia cylindrica - barb grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium biolettii - bicolor cudweed
Pseudognaphalium stramineum - cotton-batting plant
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Notes:

**VP ID:** 1668

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1669
2003 Baseline Survey Data		
Baseline Cover of ERAR: 45.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Star	rt Time: 09:46 AM Survey Er	<b>nd Time:</b> 10:34 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
<b>Cover of ERAR in Basin:</b> >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Cylindropuntia p	<i>rolifera</i> - coast cholla	<1%
Deschampsia danthoi	<i>nioides</i> - annual hair grass	1-5%
Zeltnera venusta	- California centaury	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native	Species Richness in Basin: 3
Nonnative Species in Pool:		
	ies Name	Cover
	eaceus - soft chess	<1%
Festuca myuros -	rattail sixweeks grass	<1%
	ndrica - barb grass	1-5%
	sis - scarlet pimpernel	1-5%
	liensis - rabbitfoot grass	<1%
Cover of Nonnative Species in Ba		ecies Richness in Basin: 5

Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 5-10%Cover of Litter in Basin: <1%</th>Days Since Last Rain: 6-15Ponded Water Present: yes

Survey Year: 2020

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

**VP ID:** 1669

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
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
Hainardia cylindrica - barb grass
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Navarretia fossalis - spreading navarretia
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1670
2003 Baseline Survey Data		
Baseline Cover of ERAR: 5.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Sta	art Time: 11:25 AM Survey En	<b>d Time:</b> 11:49 AM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR, F	PONU	
Cover of ERAR in Basin: >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Spe	cies Name	Cover
Zeltnera venust	a - California centaury	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native S	pecies Richness in Basin: 1
Nonnative Species in Pool:		
	cies Name	Cover
	leaceus - soft chess	1-5%
Festuca mvuros	- rattail sixweeks grass	1-5%
	rennis - rye grass	1-5%
	hleoides - nit grass	5-10%
•	nsis - scarlet pimpernel	<1%
-	xa - hood canary grass	1-5%
Phalaris parado.		

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

Survey Year: 2020

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

VP ID: 1670

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex semibaccata - Australian saltbush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pseudognaphalium biolettii - bicolor cudweed
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1671
2003 Baseline Survey Data		
Baseline Cover of ERAR: 85.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Sta	art Time: 11:08 AM Survey End	Time: 11:33 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Isocoma menzies	sii - coastal goldenbush	<1%
Juncus buf	<i>onius</i> - toad rush	<1%
Myosurus minimus s	ssp. <i>apus</i> - little mouse tail	<1%
Psilocarphus brevissimus va	r. <i>brevissimus</i> - dwarf woollyheads	1-5%
Zeltnera venust	<i>a</i> - California centaury	<1%
Cover of Other Native Species in	n Basin: 5-10% Other Native Sp	ecies Richness in Basin: 5
Nonnative Species in Pool:		
Spe	cies Name	Cover
Bromus hora	leaceus - soft chess	<1%
Bromus rul	<i>bens</i> - red brome	<1%
Erodium botrys - lo	ng-beak filaree/storksbill	<1%
Festuca myuros	- rattail sixweeks grass	1-5%
Festuca pe	rennis - rye grass	1-5%
Gastridium p	hleoides - nit grass	1-5%
Hainardia cyl	<i>lindrica</i> - barb grass	<1%
Lactuca serri	ola - prickly lettuce	<1%

Spergularia bocconi - Boccone's sand-spurrey **Cover of Nonnative Species in Basin:** 10-25% Nonnative Species Richness in Basin: 13 **Bare Ground Cover in Basin:** 10-25% **Cover of Rocks/Cobble in Basin:** 5-10% **Cover of Litter in Basin:** <1% Days Since Last Rain: 6-15 Ponded Water Present: no **Dead Species Present in Pool:** 

Lysimachia arvensis - scarlet pimpernel

Phalaris minor - little-seeded canary grass

Polypogon monspeliensis - rabbitfoot grass

Sonchus asper ssp. asper - prickly sow thistle

<1%

<1%

<1%

<1%

<1%

Survey Year: 2020

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

VP ID: 1671

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia californica var. californica - snake cholla
Encelia californica - California encelia
Erigeron canadensis - horseweed
Erigeron sumatrensis - tropical 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
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Juncus bufonius - toad rush
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1672
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Start	Time: 09:59 AM Survey End	Time: 10:17 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Species	s Name	Cover
Psilocarphus brevissimus var. b	<i>revissimus</i> - dwarf woollyheads	<1%
Cover of Other Native Species in Ba	asin: 1-5% Other Native Spe	ecies Richness in Basin: 1
Nonnative Species in Pool:		
Species	s Name	Cover
•	s Name ceus - soft chess	Cover <1%
Bromus hordead		
Bromus hordeau Bromus ruben	<i>ceus</i> - soft chess	<1%
Bromus hordeau Bromus ruben Erodium botrys - long-	<i>ceus</i> - soft chess ns - red brome	<1% <1%

Cover of Nonnative Species in Basin: 10-25%Nonnative Species Richness in Basin: 6Bare Ground Cover in Basin: 1-5%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</td>

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

Sonchus asper ssp. asper - prickly sow thistle

Dead Species Present in Pool:

<1%

Survey Year: 2020

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

VP ID: 1672

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Avena fatua - wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium brachycarpum - short-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Isocoma menziesii - coastal goldenbush
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Salsola tragus - Russian thistle
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1673
2003 Baseline Survey Data		
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Star	rt Time: 10:34 AM Survey En	<b>d Time:</b> 10:55 AM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	ies Name	Cover
Juncus bufor	<i>nius</i> - toad rush	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native	Species Richness in Basin: 1
Nonnative Species in Pool:		
Nonnative Species in Pool: Speci	ies Name	Cover
Nonnative Species in Pool: Species Bromus horde	i <b>es Name</b> Paceus - soft chess	Cover
Nonnative Species in Pool: Speci Bromus horde Bromus rube	i <b>es Name</b> Paceus - soft chess ens - red brome	Cover <1% <1%
Nonnative Species in Pool: Specie Bromus horde Bromus rube Erodium botrys - Ion	i <mark>es Name</mark> eaceus - soft chess ens - red brome ng-beak filaree/storksbill	Cover <1% <1% <1%
Nonnative Species in Pool: Specie Bromus horde Bromus rube Erodium botrys - Ion Festuca myuros -	i <b>es Name</b> Paceus - soft chess ens - red brome Ig-beak filaree/storksbill rattail sixweeks grass	Cover <1% <1% <1% <1%
Nonnative Species in Pool: Specie Bromus horde Bromus rube Erodium botrys - Ion Festuca myuros - Festuca pere	ies Name Paceus - soft chess ens - red brome ng-beak filaree/storksbill rattail sixweeks grass ennis - rye grass	Cover <1% <1% <1% <1% <1% 1-5%
Nonnative Species in Pool: Specie Bromus horde Bromus rube Erodium botrys - lon Festuca myuros - Festuca pere Lythrum hysso	ies Name Paceus - soft chess ens - red brome ng-beak filaree/storksbill rattail sixweeks grass ennis - rye grass pifolia - grass poly	Cover <1% <1% <1% <1% <1% 1-5% <1%
Nonnative Species in Pool: Specie Bromus horde Bromus rube Erodium botrys - Ion Festuca myuros - Festuca pere Lythrum hysso Phalaris minor - Iitt	ies Name Paceus - soft chess ens - red brome ng-beak filaree/storksbill rattail sixweeks grass ennis - rye grass	Cover <1% <1% <1% <1% <1% 1-5%

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

Survey Year: 2020

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

VP ID: 1673

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Erodium brachycarpum - short-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Survey	Year:	2020	
Juivey	i cui i	2020	

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1675
2003 Baseline Survey Data		
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Star	rt Time: 01:11 PM Survey End	Time: 01:43 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spec	ies Name	Cover
Cylindropuntia p	<i>rolifera</i> - coast cholla	<1%
Isocoma menziesi	i - coastal goldenbush	<1%
Psilocarphus brevissimus var.	brevissimus - dwarf woollyheads	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	ecies Richness in Basin: 3
Nonnative Species in Pool:		
Spec	ies Name	Cover
Beta vulgaris ssp	. <i>maritima</i> - sea beet	<1%
Bromus hordeaceus - soft chess		<1%
Bromus rub	<i>ens</i> - red brome	<1%
<i>Erodium botrys</i> - lor	ng-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass		1-5%
Hainardia cyli	Hainardia cylindrica - barb grass	
Lamarckia at	urea - golden-top	<1%
<i>Logfia gallica</i> - d	aggerleaf cottonrose	<1%
Mesembryanthemum nodij	florum - slender-leaved iceplant	<1%
Phalaris minor - litt	tle-seeded canary grass	<1%
Polycarpon tetraphyllum var.	tetraphyllum - four-leaved allseed	<1%
Sonchus asper ssp. a	<i>sper</i> - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 13

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:

Survey Year: 2020

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

VP ID: 1675

### 2020 Quantitative Monitoring Data continued

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

-	
	Species Name
	Artemisia californica - California sagebrush
	Avena fatua - wild oat
	Bahiopsis laciniata - San Diego viguiera
	Beta vulgaris ssp. maritima - sea beet
	Brachypodium distachyon - purple false brome
	Bromus diandrus - ripgut grass
	Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
	Centaurea melitensis - tocalote
	Cylindropuntia prolifera - coast cholla
	Deinandra sp.
	Encelia californica - California encelia
	Erigeron bonariensis - flax-leaved horseweed
	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
	Glebionis coronaria - crown daisy
	Lamarckia aurea - golden-top
	Logfia gallica - daggerleaf cottonrose
	Lysimachia arvensis - scarlet pimpernel
	Mesembryanthemum nodiflorum - slender-leaved iceplant
	Opuntia littoralis - coast prickly-pear
	Phalaris minor - little-seeded canary grass
	Plantago elongata - prairie plantain
	Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
	Pseudognaphalium biolettii - bicolor cudweed
	Pseudognaphalium stramineum - cotton-batting plant
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Rhus integrifolia - lemonade berry
	Salsola tragus - Russian thistle
	Simmondsia chinensis - jojoba
	Sisyrinchium bellum - western blue-eyed-grass
	Sonchus asper ssp. asper - prickly sow thistle

### Survey Year: 2020

Complex	K Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1675
	Sonchus oleraceus - common sow thistle	
	Stipa lepida - foothill needle grass	
	Stipa pulchra - purple needle grass	

Complex Name: Robinhood Ridge (J4-	5)	<b>VP ID:</b> 1676
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.	0
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey	Start Time: 01:44 PM Surve	y End Time: 02:11 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAF	R	
Cover of ERAR in Basin: 25-5	0% Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
S	pecies Name	Cover
Ľ	Deinandra sp.	<1%
Erigeron co	anadensis - horseweed	<1%
Myosurus minimu	<i>ıs</i> ssp. <i>apus -</i> little mouse tail	<1%
Plantago ela	ongata - prairie plantain	<1%
Deilocarphus brouissimus	var. brevissimus - dwarf woollyhe	ads 1-5%

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

....

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Lamarckia aurea - golden-top	<1%
Mesembryanthemum nodiflorum - slender-leaved iceplant	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 7Bare Ground Cover in Basin: 10-25%Cover of Rocks/Cobble in Basin: 10-25%Cover of Litter in Basin: <1%</td>Days Since Last Rain: 6-15Ponded Water Present: noDead Species Present in Pool:

Survey Year: 2020

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

VP ID: 1676

### 2020 Quantitative Monitoring Data continued

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

Species Name	
Artemisia californica - California sagebrush	
Avena fatua - wild oat	
Bahiopsis laciniata - San Diego viguiera	
Beta vulgaris ssp. maritima - sea beet	
Brachypodium distachyon - purple false brome	
Bromus diandrus - ripgut grass	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Centaurea melitensis - tocalote	
Cylindropuntia prolifera - coast cholla	
Deinandra sp.	
Elatine brachysperma - short-seed waterwort	
Erigeron bonariensis - flax-leaved horseweed	
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	
Glebionis coronaria - crown daisy	
Hainardia cylindrica - barb grass	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Logfia gallica - daggerleaf cottonrose	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Opuntia littoralis - coast prickly-pear	
Phalaris minor - little-seeded canary grass	
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	
Polypogon monspeliensis - rabbitfoot grass	
Rhus integrifolia - lemonade berry	
Salsola tragus - Russian thistle	
Simmondsia chinensis - jojoba	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa lepida - foothill needle grass	

Survey Year: 2020

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

**VP ID:** 1676

Triglochin scilloides - flowering-quillwort

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1677
2003 Baseline Survey Data		
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Star	t Time: 02:39 PM Survey End	<b>Time:</b> 03:04 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	es Name	Cover
Cylindropuntia pr	<i>rolifera</i> - coast cholla	<1%
Sisyrinchium bellum -	western blue-eyed-grass	<1%
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	pecies Richness in Basin: 2
Nonnative Species in Pool:		
Speci	es Name	Cover
Bromus horde	<i>aceus</i> - soft chess	1-5%
Bromus rube	ens - red brome	1-5%
Centaurea me	<i>litensis</i> - tocalote	<1%
<i>Erodium botrys</i> - lon	g-beak filaree/storksbill	<1%
Festuca myuros -	rattail sixweeks grass	1-5%
Festuca pere	ennis - rye grass	<1%

Bare Ground Cover in Basin: 5-10% Cover of Rocks/Cobble in Basin: 5-10%	Cover of Litter in Basin: <1%
Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richnes	ss in Basin: 12
Sonchus asper ssp. asper - prickly sow thistle	<1%
Phalaris minor - little-seeded canary grass	<1%
Lysimachia arvensis - scarlet pimpernel	1-5%
Lamarckia aurea - golden-top	<1%

Hainardia cylindrica - barb grass

Lactuca serriola - prickly lettuce

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

**Dead Species Present in Pool:** 

- - - -

<1%

<1% <1% 1-5% <1% <1%

Survey Year: 2020

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

VP ID: 1677

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Erigeron bonariensis - flax-leaved horseweed
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
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Pseudognaphalium stramineum - cotton-batting plant
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Triglochin scilloides - flowering-quillwort
Zeltnera venusta - California centaury

2003 Baseline Survey Data		
Baseline Cover of ERAR: 80.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Sta	art Time: 03:05 PM Survey Er	<b>nd Time:</b> 03:21 PM
Surveyors: Ryan Meszaros		
/PHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:

**Cover of Other Native Species in Basin:** 0%

**Other Native Species Richness in Basin:** 0

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

. . . . .

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	1-5%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Festuca perennis - rye grass	<1%
Glebionis coronaria - crown daisy	<1%
Hainardia cylindrica - barb grass	<1%
Lamarckia aurea - golden-top	<1%
Lythrum hyssopifolia - grass poly	<1%
Phalaris minor - little-seeded canary grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 11

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

Survey Year: 2020

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

2020 Quantitative Monitoring Data continued

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

τ	ed Species in Buffer: (Buffer = 20 foot or 6 meter radius around basin perimeter)
	Species Name
	Artemisia californica - California sagebrush
	Bahiopsis laciniata - San Diego viguiera
	<i>Beta vulgaris</i> ssp. <i>maritima</i> - sea beet
	Bromus hordeaceus - soft chess
	Bromus madritensis - foxtail chess
	Centaurea melitensis - tocalote
	Cylindropuntia prolifera - coast cholla
	Deinandra fasciculata - fascicled tarweed
	Elatine brachysperma - short-seed waterwort
	Eleocharis macrostachya - pale spike-rush
	Encelia californica - California encelia
	Erigeron bonariensis - flax-leaved horseweed
	Erigeron canadensis - horseweed
	Erigeron sumatrensis - tropical 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
	Glebionis coronaria - crown daisy
	Hainardia cylindrica - barb grass
	Juncus bufonius - toad rush
	Lamarckia aurea - golden-top
	Logfia gallica - daggerleaf cottonrose
	Lysimachia arvensis - scarlet pimpernel
	Lythrum hyssopifolia - grass poly
	Mesembryanthemum nodiflorum - slender-leaved iceplant
	Opuntia littoralis - coast prickly-pear
	Phalaris minor - little-seeded canary grass
	Polypogon monspeliensis - rabbitfoot grass
	Pseudognaphalium stramineum - cotton-batting plant
	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
	Rhus integrifolia - lemonade berry
	Schismus barbatus - Mediterranean schismus
	Sonchus asper ssp. asper - prickly sow thistle
	Sonchus oleraceus - common sow thistle

Survey Year: 2020

Complex Na	me: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1678
	Stipa diegoensis - San Diego needle grass	
	Triglochin scilloides - flowering-quillwort	
	Yucca schidigera - Mojave yucca	
	Zeltnera venusta - California centaury	

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1679
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey St	art Time: 03:34 PM Survey En	d Time: 04:02 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 25-50%	6 Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	cies Name	Cover
Elatine brachysperi	ma - short-seed waterwort	<1%
Eleocharis macro	<i>stachya</i> - pale spike-rush	25-50%
Juncus bu	fonius - toad rush	<1%
Psilocarphus brevissimus va	r. brevissimus - dwarf woollyheads	1-5%
Triglochin scilloid	des - flowering-quillwort	1-5%
Cover of Other Native Species i	n Basin: 25-50% Other Native S	pecies Richness in Basin: 5
Nonnative Species in Pool:		
	cies Name	Cover
· · · · · · · · · · · · · · · · · · ·	deaceus - soft chess	<1%
Bromus ru	<i>bens</i> - red brome	<1%

Bronnas noracaccas - sort chess	11/0
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Glebionis coronaria - crown daisy	<1%
Lamarckia aurea - golden-top	<1%
Lysimachia arvensis - scarlet pimpernel	<1%
Lythrum hyssopifolia - grass poly	<1%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 11

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

Survey Year: 2020

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

**VP ID:** 1679

### 2020 Quantitative Monitoring Data continued

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

Species Name	
Artemisia californica - California sagebrush	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Carrichtera annua - Ward's weed	
Centaurea melitensis - tocalote	
Cylindropuntia prolifera - coast cholla	
Daucus pusillus - rattlesnake weed	
Deinandra fasciculata - fascicled tarweed	
Encelia californica - California encelia	
Erigeron bonariensis - flax-leaved horseweed	
Erigeron canadensis - horseweed	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Festuca perennis - rye grass	
Glebionis coronaria - crown daisy	
Hainardia cylindrica - barb grass	
Lactuca serriola - prickly lettuce	
Lamarckia aurea - golden-top	
Logfia gallica - daggerleaf cottonrose	
Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssopifolia - grass poly	
Melilotus indicus - sourclover	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
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	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Rhus integrifolia - lemonade berry	
Salsola tragus - Russian thistle	

### Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Simmondsia chinensis - jojoba	
Sisyrinchium bellum - western blue-eyed-grass	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	
Stipa lepida - foothill needle grass	

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1684
2003 Baseline Survey Data		
Baseline Cover of ERAR: 50.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.5	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Star	t Time: 03:04 PM Survey En	<b>d Time:</b> 03:15 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Speci	es Name	Cover
Eleocharis macrost	<i>achya</i> - pale spike-rush	1-5%
Juncus bufo	nius - toad rush	1-5%
Deilogarphus browiesimus vor	brevissimus - dwarf woollyheads	1-5%
PSHOCULPHUS DIEVISSIIIUS Val.		

Species Name	Cover
Beta vulgaris ssp. maritima - sea beet	<1%
Bromus hordeaceus - soft chess	1-5%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Hainardia cylindrica - barb grass	<1%
Lamarckia aurea - golden-top	1-5%
Lysimachia arvensis - scarlet pimpernel	1-5%
Lythrum hyssopifolia - grass poly	1-5%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nonnative Species in Basin: 10-25% Nonnative Species	es Richness in Basin: 11

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

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

 Deed Species Present in Basin:

Dead Species Present in Pool:

Survey Year: 2020

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

**VP ID:** 1684

### 2020 Quantitative Monitoring Data continued

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

Josephere         Arternisis colfornica - California sagebrush         Baccharis sarothroides - broom baccharis         Bahiopsis lacinitar - San Diego viguiera         Bromus bordeaceus - soft chess         Bromus madriteara annua - Ward's weed         Carrichtera annua - Ward's weed         Centaurea melitensis - toxali chess         Cylindropuntia prolifera - coast cholia         Ercelia californica - California buckwheat         Eriogonum fasciculatum - California buckwheat         Eriogram fasciculatum - California buckwheat         Erodium sp.         Eryngium aristulatum var. parishli - San Diego button-celery         Euphorbia sp.         Ferocactus viridescens - San Diego barrel cactus         Festuca myuros - rattali sixweeks grass         Glebionis cornania - crown daisy         Heterotheca grandiflora - telegraph weed         Hardeum murinum - wall barley         Lactuca serriola - prickly lettuce         Lagia gallica - daggerleaf cottonrose         Lysinachia arvensis - scalet primpernel         Mesembryantherum modifiorum - slender-leaved iceplant         Mirabilis laevis var. crassfola - wishbone bush         Opunta littoralis - coast prickly-pear         Phalais minor - little-seeded canary grass         Polypogon monspeliensis - rabibitfoot grass	ale	Species in Burlet - 20 100t of 6 meter radius around basin permeter)
Baccharis sarathroides - broom baccharis         Bahiopsis laciniata - San Diego viguiera         Bromus brordeaceus - soft chess         Bromus madritensis - foxtall chess         Carrichtera annua - Ward's weed         Centaurea melitensis - tocalate         Cylindropuntia prolifera - coast cholla         Ericegonum fasciculatum - California encelia         Eriogonum fasciculatum - California buckwheat         Erodium brachycarpum - short-beak filaree/storksbill         Erodium sp.         Eryngium aristulatum var. parishii - San Diego button-celery         Euphorbia sp.         Ferocactus viridescens - San Diego barrel cactus         Festuca myuros - rattal skweeks grass         Glebionis coronaria - crown daisy         Heterotheca grandiflora - telegraph weed         Hordeum murinum - wall barley         Lactuca serriola - prickly lettuce         Lagelia aurea - golden-top         Logfia gallica - daggerleaf cottonrose         Lysimachia aurenis - scarlet pimpernel         Mirabilis leevis var. crassifoli - vishbone bush         Oncosiphon piluiffer - stany grass         Polypogan monspeliensis - rabibitoot grass         Polypogan monspeliensis - rabibitoot grass         Polypogan monspeliensis - rabibitoot grass         Pseudognophalium stramineum - cotton-batting plant		
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Rhus integrifolia - lemonade berry         Salsola tragus - Russian thistle         Schismus barbatus - Mediterranean schismus         Simmondsia chinensis - jojoba         Sisyrinchium bellum - western blue-eyed-grass		Polypogon monspeliensis - rabbitfoot grass
Salsola tragus - Russian thistle         Schismus barbatus - Mediterranean schismus         Simmondsia chinensis - jojoba         Sisyrinchium bellum - western blue-eyed-grass		Pseudognaphalium stramineum - cotton-batting plant
Salsola tragus - Russian thistle         Schismus barbatus - Mediterranean schismus         Simmondsia chinensis - jojoba         Sisyrinchium bellum - western blue-eyed-grass		Rhus integrifolia - lemonade berry
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Simmondsia chinensis - jojoba Sisyrinchium bellum - western blue-eyed-grass		-
Sisyrinchium bellum - western blue-eyed-grass		

### Survey Year: 2020

Complex	Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1684
	Sonchus oleraceus - common sow thistle	
	Stipa lepida - foothill needle grass	
	Zeltnera venusta - California centaury	

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1685
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	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey St	art Time: 03:35 PM Survey En	<b>d Time:</b> 03:43 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
<b>Cover of ERAR in Basin:</b> <1%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Spe	ecies Name	Cover
Bahiopsis lacini	ata - San Diego viguiera	1-5%
Encelia califor	nica - California encelia	1-5%
Zeltnera venus	ta - California centaury	<1%
<b>Cover of Other Native Species</b>	n Basin: 1-5% Other Native	Species Richness in Basin: 3
Nonnative Species in Pool:		
Spe	ecies Name	Cover
Bromus hor	<i>deaceus</i> - soft chess	10-25%
Bromus ru	<i>ibens</i> - red brome	1-5%
Erodium brachycarpun	n - short-beak filaree/storksbill	1-5%
Festuca myuros	- rattail sixweeks grass	10-25%
Lamarckia	<i>aurea</i> - golden-top	5-10%
Phalaris minor - I	ittle-seeded canary grass	<1%
		<1%

Ponded Water Present: no

Dead Species Present in Pool:

Days Since Last Rain: 6-15

Survey Year: 2020

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

VP ID: 1685

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
<i>Erodium</i> sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Survey Year: 2020			
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1688	
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: 10.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/22/2020 Survey Sta	rt Time: 04:01 PM Survey End	l Time: 04:11 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR, P	ONU		
Cover of ERAR in Basin: >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	cies Name	Cover	
Eleocharis macros	<i>tachya</i> - pale spike-rush	1-5%	
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	pecies Richness in Basin: 1	
Nonnative Species in Pool:			
	cies Name	Cover	
	eaceus - soft chess	1-5%	
Bromus rul	bens - red brome	<1%	
Festuca myuros	Festuca myuros - rattail sixweeks grass		
· ·	Festuca perennis - rye grass		
	Lythrum hyssopifolia - grass poly		
	eliensis - rabbitfoot grass	<1%	
Cover of Nonnative Species in B		cies Richness in Basin: 6	
-	0% Cover of Rocks/Cobble in Basi		

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

**Dead Species Present in Pool:** 

Survey Year: 2020

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

**VP ID:** 1688

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
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
Glebionis coronaria - crown daisy
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Notes: EryAri is choking out PogNud

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1689
2003 Baseline Survey Data		
Baseline Cover of ERAR: 85.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/22/2020 Survey Sta	art Time: 04:33 PM Survey En	<b>d Time:</b> 04:40 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		

### Nonnative Species in Pool:

Species	Name	Cover	
Bromus hordeace	eus - soft chess	1-5%	
Festuca myuros - rattail sixweeks grassFestuca perennis - rye grassPhalaris minor - little-seeded canary grassPolypogon monspeliensis - rabbitfoot grass		<1%	
		<1%	
		<1%	
		1-5%	
Cover of Nonnative Species in Basin: 5-10%Nonnative Species Richness in Basin: 5			
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: 5-	10% <b>Cover of Litter in Basin:</b> <1%	
Days Since Last Rain: 6-15	Ponded Water Present: no		
Dead Species Present in Pool:			

Survey Year: 2020

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

**VP ID:** 1689

### 2020 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
Carrichtera annua - Ward's weed
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
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
Glebionis coronaria - crown daisy
Hedypnois rhagadioloides - crete weed
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Phalaris minor - little-seeded canary grass
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Notes: EryAri very dense. PogNud not

Complex Name: Robinhood R	idge (J4-5)		<b>VP ID:</b> 1691		
2003 Baseline Survey Data					
Baseline Cover of ERAR: 50.0		Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0		
Baseline Cover of POAB: 0.0		Baseline Cover of PONU: 0.0			
2020 Quantitative Monitoring	g Data				
Survey Date: 5/22/2020	Survey Star	t Time: 11:01 AM Survey End	Time: 11:09 AM		
Surveyors: Brenda Bennett					
VPHCP Covered Species Prese	PHCP Covered Species Present: ERAR				
Cover of ERAR in Basi	in: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:		
Cover of POAB in Bas	in:	Cover of PONU in Basin:			
Other Native Species in Pool:					
Cover of Other Native	e Species in	Basin: 0% Other Native Sc	pecies Richness in Basin: 0		
Nonnative Species in Pool:					
	Speci	es Name	Cover		
D	romus hordo	acque soft chose	~10/		

	Species i	Valle	Cover
	Bromus hordeace	eus - soft chess	<1%
	Festuca myuros - rattail sixweeks grass Festuca perennis - rye grass		1-5%
			5-10%
Cover of Nonnative Species in Basin: 5-10% Nonnative		S-10% Nonnative Species Richne	ess in Basin: 3
	Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin: 5-10%	<b>Cover of Litter in Basin:</b> <1%
	Bare Ground Cover in Basin: 5-10% Days Since Last Rain: 6-15	Cover of Rocks/Cobble in Basin: 5-10% Ponded Water Present: no	Cover of Litter in Basin: <1%
		, 510/6	Cover of Litter in Basin: <1%

Survey Year: 2020

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

**VP ID:** 1691

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Erodium brachycarpum - short-beak filaree/storksbill
Erodium cicutarium - redstem filaree
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Juncus bufonius - toad rush
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mesembryanthemum nodiflorum - slender-leaved iceplant
Phalaris minor - little-seeded canary grass
Polypogon monspeliensis - rabbitfoot grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Stipa lepida - foothill needle grass
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)	mplex Name: Robinhood Ridge (J4-5) D3 Baseline Survey Data		
•			
Baseline Cover of ERAR: 95.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/22/2020 Survey Star	<b>t Time:</b> 11:26 AM Survey E	<b>nd Time:</b> 11:39 AM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Speci	Species Name		
Callitriche marginata - winged water-starwort		1-5%	
Elatine brachysperme	Elatine brachysperma - short-seed waterwort Eleocharis macrostachya - pale spike-rush Juncus bufonius - toad rush Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		
Eleocharis macrost			
-			
PSHOCULPHUS DIEVISSITIUS Val.	brevissiinus - uwari wooliyneaus		
- 4	- California centaury	<1%	

#### Nonnative Species in Pool:

- - - -

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Festuca myuros - rattail sixweeks grass	<1%
Festuca perennis - rye grass	<1%
Lythrum hyssopifolia - grass poly	<1%
Mesembryanthemum nodiflorum - slender-leaved iceplant	<1%
Phalaris minor - little-seeded canary grass	<1%
Polypogon monspeliensis - rabbitfoot grass	1-5%
Sonchus oleraceus - common sow thistle	<1%

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

Nonnative Species Richness in Basin: 9

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

Ponded Water Present: no

Dead Species Present in Pool:

Days Since Last Rain: 6-15

Survey Year: 2020

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

VP ID: 1692

### 2020 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				
Beta vulgaris ssp. maritima - sea beet				
Brassica nigra - black mustard				
Bromus hordeaceus - soft chess				
Bromus madritensis - foxtail chess				
Cylindropuntia prolifera - coast cholla				
Eriogonum fasciculatum - California buckwheat				
Erodium botrys - long-beak filaree/storksbill				
Erodium cicutarium - redstem filaree				
Eryngium aristulatum var. parishii - San Diego button-celery				
Euphorbia sp.				
Ferocactus viridescens - San Diego barrel cactus				
Glebionis coronaria - crown daisy				
Heteromeles arbutifolia - toyon				
Lactuca serriola - prickly lettuce				
Laennecia coulteri - Coulter's horseweed				
Logfia gallica - daggerleaf cottonrose				
Lysimachia arvensis - scarlet pimpernel				
Mesembryanthemum nodiflorum - slender-leaved iceplant				
Phalaris minor - little-seeded canary grass				
Rhus integrifolia - lemonade berry				
Salsola tragus - Russian thistle				
Silene gallica - windmill pink				

2003 Baseline Survey Data			
Baseline Cover of ERAR: 10.0		Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0		Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring	Data		
Survey Date: 5/22/2020	Survey Star	t Time: 04:16 PM Survey En	<b>d Time:</b> 04:41 PM
Surveyors: Ryan Meszaros			
/PHCP Covered Species Prese	nt: ERAR		
Cover of ERAR in Basi	<b>n:</b> 25-50%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basi	in:	Cover of PONU in Basin:	
Other Native Species in Pool:			
		Basin: 0% Other Native S	pecies Richness in Basin: 0

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Bromus rubens - red brome	1-5%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lamarckia aurea - golden-top	<1%
Cover of Nonnative Species in Basin: 5-10% Nonnative Species Ric	hness in Basin: 5
Bare Ground Cover in Basin: 10-25% Cover of Rocks/Cobble in Basin: 5-10	<b>Cover of Litter in Basin:</b> 1-5%
Days Since Last Rain: 6-15 Ponded Water Present: no	

Dead Species Present in Pool:

Survey Year: 2020

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

VP ID: 1693

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
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
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Mirabilis laevis var. crassifolia - wishbone bush
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Salsola tragus - Russian thistle
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Survey	Year:	2020
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Complex Name: Robinhood Ridge (J4-5) **VP ID:** 1694 2003 Baseline Survey Data Baseline Cover of ERAR: 2.0 Baseline Cover of NAFO: 0.0 Baseline Cover of ORCA: 0.0 Baseline Cover of POAB: 0.0 Baseline Cover of PONU: 0.0 2020 Quantitative Monitoring Data Survey Date: 5/29/2020 Survey Start Time: 12:46 PM Survey End Time: 12:59 PM Surveyors: Ryan Meszaros **VPHCP Covered Species Present:** Cover of ERAR in Basin: Cover of NAFO in Basin: Cover of ORCA in Basin: Cover of POAB in Basin: Cover of PONU in Basin: **Other Native Species in Pool:** 

Cover of Other Native Species in Basin: 0%

**Other Native Species Richness in Basin:** 0

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

Species Name	Cover
Bromus hordeaceus - soft chess	1-5%
Bromus rubens - red brome	1-5%
Erodium botrys - long-beak filaree/storksbill	5-10%
Festuca myuros - rattail sixweeks grass	1-5%
Lamarckia aurea - golden-top	<1%
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 7

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: 6-15Ponded Water Present: no

**Dead Species Present in Pool:** 

Survey Year: 2020

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

**VP ID:** 1694

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Carrichtera annua - Ward's weed
Cylindropuntia prolifera - coast cholla
Deinandra fasciculata - fascicled tarweed
Encelia californica - California encelia
Erigeron sumatrensis - tropical 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
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Juncus bufonius - toad rush
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Mesembryanthemum nodiflorum - slender-leaved iceplant
Mirabilis laevis var. crassifolia - wishbone bush
Phalaris minor - little-seeded canary grass
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Sisyrinchium bellum - western blue-eyed-grass
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Survey Year: 2020			
plex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1696	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 15.0	line Cover of ERAR: 15.0 Baseline Cover of NAFO: 0.0		
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 10.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Sta	rt Time: 01:02 PM Survey End	d Time: 01:21 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: PONU, B	ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: <1%		
Other Native Species in Pool:			
Spec	Species Name		
Cylindropuntia p	orolifera - coast cholla	<1%	
Cover of Other Native Species in	Basin: 1-5% Other Native S	pecies Richness in Basin: 1	
Nonnative Species in Pool:			
	cies Name	Cover	
Brassica nigi	ra - black mustard	<1%	
Bromus hord	eaceus - soft chess	1-5%	
Bromus rub	<i>Bromus rubens</i> - red brome		
Festuca myuros ·	Festuca myuros - rattail sixweeks grass		
Lysimachia arver	<i>Lysimachia arvensis</i> - scarlet pimpernel		
Polypogon monspe	Polypogon monspeliensis - rabbitfoot grass		
Sonchus asper ssp.	Sonchus asper ssp. asper - prickly sow thistle		
Cover of Nonnative Species in B	asin: 10-25% Nonnative Spe	cies Richness in Basin: 8	
Bare Ground Cover in Basin: 1-5	% Cover of Rocks/Cobble in Bas	in: 5-10% Cover of Litter in Basin: <1%	
Days Since Last Rain: 6-15	Ponded Water Present: no		
Dead Species Present in Pool:	-		

**Dead Species Present in Pool:** 

Survey Year: 2020

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

VP ID: 1696

### 2020 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
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium brachycarpum - short-beak filaree/storksbill
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Phalaris minor - little-seeded canary grass
Pseudognaphalium californicum - California everlasting
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

nplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1697	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 1.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 2.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Sta	art Time: 01:03 PM Survey En	<b>d Time:</b> 01:23 PM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	<b>Cover of NAFO in Basin:</b>	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spe	cies Name	Cover	
Cylindropuntia Cover of Other Native Species in	<i>prolifera -</i> coast cholla	<1% Species Richness in Basin: 1	
Cover of Other Native Species in Nonnative Species in Pool:	prolifera - coast cholla n Basin: 1-5% Other Native S		
Cover of Other Native Species in Nonnative Species in Pool: Spe	<i>prolifera -</i> coast cholla	Species Richness in Basin: 1	
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hord	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name	Species Richness in Basin: 1 Cover	
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hord Bromus ru	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess	Species Richness in Basin: 1 Cover <1%	
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hord Bromus ru Festuca myuros	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess bens - red brome	Species Richness in Basin: 1 Cover <1% <1%	
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hord Bromus ru Festuca myuros Glebionis cord	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess bens - red brome - rattail sixweeks grass	Species Richness in Basin: 1 Cover <1% <1% 1-5%	
Cover of Other Native Species in Nonnative Species in Pool: Bromus hord Bromus ru Festuca myuros Glebionis cord Lysimachia arve	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess bens - red brome - rattail sixweeks grass onaria - crown daisy	Species Richness in Basin: 1 Cover <1% <1% <1% <1% <1% <1%	
Cover of Other Native Species in Nonnative Species in Pool: Spe Bromus hord Bromus ru Festuca myuros Glebionis cord Lysimachia arve Lythrum hyss	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess bens - red brome - rattail sixweeks grass onaria - crown daisy nsis - scarlet pimpernel	Species Richness in Basin: 1 Cover <1% <1% <1% <1% <1% <1% <1% <1% <1% <1%	
Cover of Other Native Species in Nonnative Species in Pool: Bromus hord Bromus ru Festuca myuros Glebionis cord Lysimachia arve Lythrum hyss Phalaris minor - li	prolifera - coast cholla n Basin: 1-5% Other Native S cies Name deaceus - soft chess bens - red brome - rattail sixweeks grass onaria - crown daisy nsis - scarlet pimpernel sopifolia - grass poly	Cover         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%         <1%	

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

Dead Species Present in Pool:

Survey Year: 2020

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

VP ID: 1697

### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Eleocharis macrostachya - pale spike-rush
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Pogogyne nudiuscula - Otay mesa mint
Polycarpon tetraphyllum var. tetraphyllum - four-leaved allseed
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Silene gallica - windmill pink
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Survey Year: 2020			
mplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1698	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
aseline Cover of POAB: 0.0Baseline Cover of PONU: 1.0			
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Star	rt Time: 01:27 PM Survey End	<b>d Time:</b> 01:45 PM	
Surveyors: Brenda Bennett			
VPHCP Covered Species Present: ERAR			
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Speci	ies Name	Cover	
Cylindropuntia p	<i>rolifera</i> - coast cholla	1-5%	
Cover of Other Native Species in	Basin: 1-5% Other Native S	pecies Richness in Basin: 1	
Nonnative Species in Pool:			
Speci	ies Name	Cover	
Bromus horde	Bromus hordeaceus - soft chess		
Bromus rubens - red brome		<1%	
Festuca myuros - rattail sixweeks grass		1-5%	
Lamarckia au	Lamarckia aurea - golden-top		
Lysimachia arvens	Lysimachia arvensis - scarlet pimpernel		
Phalaris paradox	a - hood canary grass	<1%	
Polypogon monspel	liensis - rabbitfoot grass	<1%	
Cover of Nonnative Species in Ba	sin: 5-10% Nonnative Spe	cies Richness in Basin: 6	
Bare Ground Cover in Basin: 5-10	% Cover of Rocks/Cobble in Bas	in: 10-25% Cover of Litter in Basin: <1%	
Days Since Last Rain: 6-15	Ponded Water Present: no		

Survey Year: 2020

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

VP ID: 1698

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deschampsia danthonioides - annual hair grass
Erigeron canadensis - horseweed
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Glebionis coronaria - crown daisy
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lythrum hyssopifolia - grass poly
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Schismus barbatus - Mediterranean schismus
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass

Complex Name: Robinhood Ridge (J4-	5)	<b>VP ID:</b> 1699
2003 Baseline Survey Data		
Baseline Cover of ERAR: 5.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 2.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey	Start Time: 01:28 PM Survey E	nd Time: 01:45 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 10-2	6% Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Cover of Other Native Species	in Basin: 0% Other Native	Species Richness in Basin: 0
Nonnative Species in Pool:		

Species Name	Cover
Bromus hordeaceus - soft chess	5-10%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Lamarckia aurea - golden-top	1-5%
Lysimachia arvensis - scarlet pimpernel	1-5%

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

Survey Year: 2020

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

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Deschampsia danthonioides - annual hair grass
Encelia californica - California encelia
Erigeron canadensis - horseweed
Erigeron sumatrensis - tropical 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
Glebionis coronaria - crown daisy
Helminthotheca echioides - bristly ox-tongue
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Logfia gallica - daggerleaf cottonrose
Lysimachia arvensis - scarlet pimpernel
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Schismus barbatus - Mediterranean schismus
Silene gallica - windmill pink
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass
Zeltnera venusta - California centaury

Notes:

**VP ID:** 1699

Survey Year: 2020		
complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1700
2003 Baseline Survey Data		
Baseline Cover of ERAR: 75.0	Baseline Cover of NAFO: 2.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 5.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Star	t Time: 01:50 PM Survey End	Time: 02:03 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: PONU, E	RAR	
Cover of ERAR in Basin: 10-25%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> 1-5%	
Other Native Species in Pool:		
Speci	es Name	Cover
Cylindropuntia pi	Cylindropuntia prolifera - coast cholla	
Cover of Other Native Species in	Basin: 1-5% Other Native Sp	ecies Richness in Basin: 1
Nonnative Species in Pool:		
Speci	es Name	Cover
Bromus rubens - red brome		<1%
Festuca myuros -	Festuca myuros - rattail sixweeks grass	
Lysimachia arvens	Lysimachia arvensis - scarlet pimpernel	
Phalaris minor - litt	le-seeded canary grass	1-5%
Cover of Nonnative Species in Ba	sin: 1-5% Nonnative Spec	ies Richness in Basin: 4
Bare Ground Cover in Basin: 50-7	5% Cover of Rocks/Cobble in Basi	<b>Cover of Litter in Basin:</b> <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	
Dead Species Present in Pool:		

Survey Year: 2020

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

**VP ID:** 1700

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Encelia californica - California encelia
Erigeron canadensis - horseweed
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
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Phalaris paradoxa - hood canary grass
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Zeltnera venusta - California centaury

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1701
		VF 10: 1701
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Star	t Time: 01:53 PM Survey End	d Time: 02:09 PM
Surveyors: Ryan Meszaros		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		

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

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Erodium botrys - long-beak filaree/storksbill	1-5%
Festuca myuros - rattail sixweeks grass	1-5%
Hainardia cylindrica - barb grass	<1%
Lamarckia aurea - golden-top	<1%
Phalaris minor - little-seeded canary grass	<1%
Phalaris paradoxa - hood canary grass	<1%
Cover of Nonnative Species in Pasing 5 10%	os Bishnoss in Posiny 7

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

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

 Days Since Last Rain: 6-15
 Ponded Water Present: no
 Cover of Litter in Basin: <1%</td>

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

Survey Year: 2020

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

**VP ID:** 1701

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Avena barbata - slender wild oat
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Carrichtera annua - Ward's weed
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Lythrum hyssopifolia - grass poly
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Rhus integrifolia - lemonade berry
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass

Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1702
2003 Baseline Survey Data		
Baseline Cover of ERAR: 10.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 1.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Sta	rt Time: 02:09 PM Survey En	<b>d Time:</b> 02:30 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: >75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		

Nonnative Species in Pool:

Species	Name	Cover
Bromus hordeac	eus - soft chess	5-10%
Festuca myuros - rat	tail sixweeks grass	5-10%
Phalaris paradoxa - hood canary grass		5-10%
Cover of Nonnative Species in Basir	Nonnative Species Richne	ess in Basin: 2
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	

Survey Year: 2020

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

**VP ID:** 1702

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Eryngium aristulatum var. parishii - San Diego button-celery
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Peritoma arborea - bladderpod
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Pseudognaphalium stramineum - cotton-batting plant
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa pulchra - purple needle grass

Survey Year: 2020			
omplex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1703	
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: 0.5		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey Sta	art Time: 02:16 PM Survey End	Time: 02:31 PM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present:			
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
Spec	Species Name		
Cylindropuntia prolifera - coast cholla		<1%	
Cover of Other Native Species in Basin: 1-5%Other Native Species Richness in Basin: 1			
Nonnative Species in Pool:			
Species Name		Cover	
Bromus hordeaceus - soft chess		10-25%	
Bromus rubens - red brome		1-5%	
Centaurea melitensis - tocalote		<1%	
Erodium botrys - lo	Erodium botrys - long-beak filaree/storksbill		
Festuca myuros - rattail sixweeks grass		5-10%	
Sonchus asper ssp. asper - prickly sow thistle		<1%	
Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 6			

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

Survey Year: 2020

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

VP ID: 1703

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium botrys - long-beak filaree/storksbill
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Glebionis coronaria - crown daisy
Hordeum murinum - wall barley
Lactuca serriola - prickly lettuce
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Peritoma arborea - bladderpod
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Pogogyne nudiuscula - Otay mesa mint
Polypogon monspeliensis - rabbitfoot grass
Pseudognaphalium luteoalbum - fragrant everlasting cudweed
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)	mplex Name: Robinhood Ridge (J4-5)	
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: 0.5	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Start	Time: 02:37 PMSurvey End	Time: 02:53 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: ERAR		
Cover of ERAR in Basin: 1-5%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin:	
Other Native Species in Pool:		
Specie	s Name	Cover
Eleocharis macrosta	Eleocharis macrostachya - pale spike-rush	
Psilocarphus brevissimus var. b	Psilocarphus brevissimus var. brevissimus - dwarf woollyheads	
Cover of Other Native Species in B	asin: 10-25% Other Native Sp	ecies Richness in Basin: 2
Nonnative Species in Pool:		
Specie	Species Name	
Brassica nigra	Brassica nigra - black mustard	
Bromus hordea	Bromus hordeaceus - soft chess	
Festuca myuros - ra	Festuca myuros - rattail sixweeks grass	
Lucimachia aruanci	Lysimachia arvensis - scarlet pimpernel	

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

Ponded Water Present: no

Polypogon monspeliensis - rabbitfoot grass

Portulaca oleracea - purslane

Cover of Nonnative Species in Basin: 10-25%

Days Since Last Rain: 6-15

**Dead Species Present in Pool:** 

5-10%

<1%

**Nonnative Species Richness in Basin:** 7

Survey Year: 2020

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

VP ID: 1705

### 2020 Quantitative Monitoring Data continued

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

Species Name
Artemisia californica - California sagebrush
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Euphorbia sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Hedypnois rhagadioloides - crete weed
Heteromeles arbutifolia - toyon
Lactuca serriola - prickly lettuce
Lysimachia arvensis - scarlet pimpernel
Polypogon monspeliensis - rabbitfoot grass
Salvia mellifera - black sage
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Zeltnera venusta - California centaury

Survey Year: 2020 Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1706	
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 10.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/29/2020 Survey	y Start Time: 02:36 PM Survey End	d Time: 02:51 PM	
Surveyors: Ryan Meszaros			
VPHCP Covered Species Present: PON	10		
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%		
Other Native Species in Pool:			
Species Name		Cover	
Baccharis sarothroides - broom baccharis		5-10%	
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%	
Cover of Other Native Species in Basin: 5-10% Other Native Species Richness in Basin: 2			
Nonnative Species in Pool:			
	Species Name	Cover	

Species Name	Cover
Bromus hordeaceus - soft chess	<1%
Bromus rubens - red brome	<1%
Centaurea melitensis - tocalote	<1%
Festuca myuros - rattail sixweeks grass	1-5%
Glebionis coronaria - crown daisy	<1%
Hainardia cylindrica - barb grass	<1%
Polypogon monspeliensis - rabbitfoot grass	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%

**Cover of Nonnative Species in Basin:** 5-10% **Nonnative Species Richness in Basin:** 9 **Bare Ground Cover in Basin:** >75% **Cover of Rocks/Cobble in Basin:** 5-10% **Cover of Litter in Basin:** 1-5% Days Since Last Rain: 6-15 Ponded Water Present: no

Survey Year: 2020

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

VP ID: 1706

#### 2020 Quantitative Monitoring Data continued

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

Species Name	
Ambrosia chenopodiifolia - San Diego bur-sage	
Artemisia californica - California sagebrush	
Avena barbata - slender wild oat	
Bahiopsis laciniata - San Diego viguiera	
Beta vulgaris ssp. maritima - sea beet	
Brassica nigra - black mustard	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Carrichtera annua - Ward's weed	
Cylindropuntia prolifera - coast cholla	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium cicutarium - redstem filaree	
Euphorbia sp.	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Glebionis coronaria - crown daisy	
Helminthotheca echioides - bristly ox-tongue	
Lactuca serriola - prickly lettuce	
Lysimachia arvensis - scarlet pimpernel	
Rhus integrifolia - lemonade berry	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	
Sonchus oleraceus - common sow thistle	

Survey Year: 2020		
Complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1708
2003 Baseline Survey Data		
Baseline Cover of ERAR: 0.5	Baseline Cover of NAFO: 0.0	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 3.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey S	Start Time: 03:01 PM Survey End	Time: 03:37 PM
Surveyors: Brenda Bennett		
VPHCP Covered Species Present: PONU	J	
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	Cover of PONU in Basin: 1-5%	
Other Native Species in Pool:		
Species Name		Cover
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads		<1%
Cover of Other Native Species	in Basin: 1-5% Other Native Sp	ecies Richness in Basin: 1
Nonnative Species in Pool:		
Species Name		Cover
	Bromus hordeaceus - soft chess	
Festuca myuros - rattail sixweeks grass		<1%
	Hainardia cylindrica - barb grass	
	Lysimachia arvensis - scarlet pimpernel	
	Lysindenia arvensis searce pimperner	

Cover of Nonnative Species in Basin: 5-10% No

Phalaris paradoxa - hood canary grass

Sonchus asper ssp. asper - prickly sow thistle

Nonnative Species Richness in Basin: 5

5-10%

<1%

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

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

Survey Year: 2020

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

VP ID: 1708

#### 2020 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
Atriplex semibaccata - Australian saltbush
Baccharis sarothroides - broom baccharis
Bahiopsis laciniata - San Diego viguiera
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Eriogonum fasciculatum - California buckwheat
Erodium sp.
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Festuca perennis - rye grass
Glebionis coronaria - crown daisy
Hainardia cylindrica - barb grass
Lactuca serriola - prickly lettuce
Laennecia coulteri - Coulter's horseweed
Lysimachia arvensis - scarlet pimpernel
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Salvia mellifera - black sage
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa lepida - foothill needle grass

Survey Year: 2020			
Complex Name: Robinhoo	d Ridge (J4-5)		<b>VP ID:</b> 1709
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.5	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	
2020 Quantitative Monitor	ring Data		
Survey Date: 5/29/2020	Survey Sta	rt Time: 03:08 PM Survey En	d Time: 03:42 PM
Surveyors: Ryan Meszaros			
VPHCP Covered Species Pro	esent:		
Cover of ERAR in E	Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in	Basin:	Cover of PONU in Basin:	
Other Native Species in Po	<u>ol:</u>		

**Cover of Other Native Species in Basin:** 0%

Other Native Species Richness in Basin: 0

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

Species Name		Cover	
Acacia sp.		1-5%	
Bromus hordeaceus - soft chess		10-25%	
Festuca myuros - rattail sixweeks grass		10-25%	
Hainardia cylindrica - barb grass		1-5%	
Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 4			
Bare Ground Cover in Basin: 5-10%	Cover of Rocks/Cobble in Basin:	5-10% <b>Cover of Litter in Basin:</b> 5-10%	
Days Since Last Rain: 6-15	Ponded Water Present: no		
Dead Species Present in Pool:			

Survey Year: 2020

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

VP ID: 1709

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Acmispon glaber var. glaber - deerweed
Artemisia californica - California sagebrush
Atriplex pacifica - south coast saltscale
Atriplex semibaccata - Australian saltbush
Avena fatua - wild oat
Bahiopsis laciniata - San Diego viguiera
Beta vulgaris ssp. maritima - sea beet
Brassica nigra - black mustard
Bromus hordeaceus - soft chess
Bromus madritensis - foxtail chess
Calystegia macrostegia - island morning glory
Carrichtera annua - Ward's weed
Centaurea melitensis - tocalote
Cylindropuntia prolifera - coast cholla
Encelia californica - California encelia
Eriogonum fasciculatum - California buckwheat
Eryngium aristulatum var. parishii - San Diego button-celery
Ferocactus viridescens - San Diego barrel cactus
Festuca myuros - rattail sixweeks grass
Glebionis coronaria - crown daisy
Hainardia cylindrica - barb grass
Helminthotheca echioides - bristly ox-tongue
Hordeum murinum - wall barley
Lactuca serriola - prickly lettuce
Laennecia coulteri - Coulter's horseweed
Lamarckia aurea - golden-top
Lysimachia arvensis - scarlet pimpernel
Opuntia littoralis - coast prickly-pear
Phalaris minor - little-seeded canary grass
Phalaris paradoxa - hood canary grass
Psilocarphus brevissimus var. brevissimus - dwarf woollyheads
Rhus integrifolia - lemonade berry
Salsola tragus - Russian thistle
Simmondsia chinensis - jojoba
Sonchus asper ssp. asper - prickly sow thistle
Sonchus oleraceus - common sow thistle
Stipa miliacea var. miliacea - smilo grass

Survey Year: 2020

Complex Name: Robinhood Ridge (J4-5)

Notes:

**VP ID:** 1709

Survey Year: 2020		
complex Name: Robinhood Ridge (J4-5)		<b>VP ID:</b> 1710
2003 Baseline Survey Data		
Baseline Cover of ERAR: 90.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 0.0
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 10.0	
2020 Quantitative Monitoring Data		
Survey Date: 5/29/2020 Survey Star	t Time: 03:46 PM Survey End	l Time: 04:00 PM
Surveyors: Brenda Bennett, Ryan Meszaro	S	
VPHCP Covered Species Present: PONU, E	RAR	
Cover of ERAR in Basin: 50-75%	Cover of NAFO in Basin:	Cover of ORCA in Basin:
Cover of POAB in Basin:	<b>Cover of PONU in Basin:</b> <1%	
Other Native Species in Pool:		
Speci	es Name	Cover
Cylindropuntia pi	<i>rolifera -</i> coast cholla	<1%
Cover of Other Native Species in	Cover of Other Native Species in Basin: 1-5% Other Native Spec	
Nonnative Species in Pool:		
Speci	es Name	Cover
Bromus horde	aceus - soft chess	1-5%
Festuca myuros -	rattail sixweeks grass	<1%
Lysimachia arvens	sis - scarlet pimpernel	<1%
Phalaris minor - litt	le-seeded canary grass	<1%
Cover of Nonnative Species in Ba	sin: 1-5% Nonnative Spec	cies Richness in Basin: 4
Bare Ground Cover in Basin: 5-10	% Cover of Rocks/Cobble in Basi	in: 10-25% Cover of Litter in Basin: <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	

Survey Year: 2020

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

2020 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	
Atriplex semibaccata - Australian saltbush	
Baccharis sarothroides - broom baccharis	
Bahiopsis laciniata - San Diego viguiera	
Beta vulgaris ssp. maritima - sea beet	
Bromus hordeaceus - soft chess	
Bromus madritensis - foxtail chess	
Calystegia macrostegia - island morning glory	
Carrichtera annua - Ward's weed	
Centaurea melitensis - tocalote	
Cylindropuntia prolifera - coast cholla	
Encelia californica - California encelia	
Eriogonum fasciculatum - California buckwheat	
Erodium botrys - long-beak filaree/storksbill	
Erodium moschatum - greenstem filaree	
Eryngium aristulatum var. parishii - San Diego button-celery	
Ferocactus viridescens - San Diego barrel cactus	
Festuca myuros - rattail sixweeks grass	
Glebionis coronaria - crown daisy	
Hainardia cylindrica - barb grass	
Lactuca serriola - prickly lettuce	
Laennecia coulteri - Coulter's horseweed	
Lysimachia arvensis - scarlet pimpernel	
Lythrum hyssopifolia - grass poly	
<i>Opuntia littoralis</i> - coast prickly-pear	
Peritoma arborea - bladderpod	
Phalaris minor - little-seeded canary grass	
Phalaris paradoxa - hood canary grass	
Pogogyne nudiuscula - Otay mesa mint	
Polypogon monspeliensis - rabbitfoot grass	
Pseudognaphalium luteoalbum - fragrant everlasting cudweed	
Rhus integrifolia - lemonade berry	
Salsola tragus - Russian thistle	
Salvia mellifera - black sage	
Simmondsia chinensis - jojoba	
Sonchus asper ssp. asper - prickly sow thistle	

**VP ID:** 1710

### Survey Year: 2020

Complex	Name: Robinhood Ridge (J4-5)	<b>VP ID:</b> 1710
	Sonchus oleraceus - common sow thistle	
	Stipa miliacea var. miliacea - smilo grass	
	Stipa pulchra - purple needle grass	

Survey Year: 2020

Complex Name: South Otay 1 acre	mplex Name:South Otay 1 acre (J13N)VP ID: 123		
2003 Baseline Survey Data			
Baseline Cover of ERAR: 0.0	Baseline Cover of NAFO: 0.5	Baseline Cover of ORCA: 10.0	
Baseline Cover of POAB: 0.0	Baseline Cover of PONU: 0.0		
2020 Quantitative Monitoring Data			
Survey Date: 5/27/2020 Surve	urvey Date: 5/27/2020 Survey Start Time: 01:40 PM Survey End Time: 02:50 PM		
Surveyors: Jason Allen			
VPHCP Covered Species Present:			
Cover of ERAR in Basin:	Cover of NAFO in Basin:	Cover of ORCA in Basin:	
Cover of POAB in Basin:	Cover of PONU in Basin:		
Other Native Species in Pool:			
	Species Name	Cover	
Cressa	truxillensis - alkali weed	<1%	
Deinandra fo	asciculata - fascicled tarweed	<1%	
Eleocharis m	<i>acrostachya</i> - pale spike-rush	1-5%	
Malvelle	a leprosa - alkali-mallow	1-5%	
	us vor brovissimus, dworf woollyboods	5-10%	
Psilocarphus brevissime	is var. <i>Drevissimus</i> - dwarr woollyneads		

Species Name	Cover
Bromus rubens - red brome	<1%
Festuca perennis - rye grass	50-75%
Hordeum marinum ssp. gussoneanum - Mediterranean barley	1-5%
Lythrum hyssopifolia - grass poly	10-25%
Mesembryanthemum nodiflorum - slender-leaved iceplant	<1%
Phalaris minor - little-seeded canary grass	<1%
Salsola tragus - Russian thistle	<1%
Sonchus asper ssp. asper - prickly sow thistle	<1%
Cover of Nonnative Species in Basin: 50-75% Nonnative Specie	s Richness in Basin: 8

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

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

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

Survey Year: 2020

**Complex Name:** South Otay 1 acre (J13N)

VP ID: 1235

#### 2020 Quantitative Monitoring Data continued

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

Species Name	
Cressa truxillensis - alkali weed	
Deinandra fasciculata - fascicled tarweed	
Festuca perennis - rye grass	
Hordeum marinum ssp. gussoneanum - Mediterranean barley	
Lythrum hyssopifolia - grass poly	
Malvella leprosa - alkali-mallow	
Mesembryanthemum nodiflorum - slender-leaved iceplant	
Salsola tragus - Russian thistle	
Sonchus oleraceus - common sow thistle	

Notes: Thick thatch cover and boards

Complex Name: South Otay 1 acre (J13	nplex Name:South Otay 1 acre (J13N)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	
2020 Quantitative Monitoring Data		
Survey Date: 5/27/2020 Survey S	Start Time: 01:05 PM Survey En	<b>d Time:</b> 02:01 PM
Surveyors: Jason Allen		
VPHCP Covered Species Present: 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:	
Other Native Species in Pool:		
Sr	ecies Name	Cover
Cressa tru.	<i>killensis</i> - alkali weed	<1%
Eleocharis macr	<i>ostachya -</i> pale spike-rush	50-75%
Malvella le	Malvella leprosa - alkali-mallow	
Psilocarphus brevissimus	var. brevissimus - dwarf woollyheads	1-5%

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

Species	Name	Cover
Festuca perenn	<i>is</i> - rye grass	10-25%
Hordeum marinum ssp. gussone	anum - Mediterranean barley	1-5%
Lythrum hyssopifolia - grass poly		1-5%
Silene gallica - windmill pink		<1%
Cover of Nonnative Species in Basin: 10-25% Nonnative Species Richness in Basin: 4		
Bare Ground Cover in Basin: 1-5%	Cover of Rocks/Cobble in Basin: <	1% Cover of Litter in Basin: <1%
Days Since Last Rain: 6-15	Ponded Water Present: no	

Survey Year: 2020

**Complex Name:** South Otay 1 acre (J13N)

VP ID: 2339

#### 2020 Quantitative Monitoring Data continued

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

Species Name
Cressa truxillensis - alkali weed
Eleocharis macrostachya - pale spike-rush
Eryngium aristulatum var. parishii - San Diego button-celery
Festuca perennis - rye grass
Hordeum marinum ssp. gussoneanum - Mediterranean barley
Lythrum hyssopifolia - grass poly
Malvella leprosa - alkali-mallow
Phalaris minor - little-seeded canary grass

# Appendix C-1

# **2020 Vernal Pool Management Photolog**

- 1. Carmel Mountain
- 2. Carroll Canyon/Parkdale Carroll Canyon
- 3. Del Mar Mesa (City)
- 4. Pueblo Lands (South)
- 5. Pasatiempo
- 6. Serra Mesa Library
- 7. Cal Terraces (North) (City), Otay Mesa Road Parcels
- 8. Cal Terraces (South)
- 9. Clayton Parcel
- 10. Goat Mesa (City)
- 11. Marron Valley
- 12. Otay Lakes
- 13. Proctor Valley
- 14. West Otay B
- 15. West Otay C
- 16. Robinhood Ridge



Photo 1. Photo taken: 4/7/2020



Photo 2. Photo taken: 3/24/2020



Photo 3. bike tracks in pool



Photo 4. weeds



Photo 5. Photo taken: 3/18/2020



Photo 6. Photo taken: 5/11/2020

Photographic Documentation Photos 5 & 6



Photo 7. Photo taken: 1/29/2020



Photo 8. Photo taken: 3/24/2020

Photographic Documentation Photos 7 & 8



Photo 9. Photo taken: 4/1/2020



Photo 10. Photo taken: 1/31/2020



Photo 11. Photo taken: 6/25/2020

Photographic Documentation Photos 10 & 11



Photo 12. Photo taken: 1/9/2020



Photo 13. Photo taken: 5/5/2020

Photographic Documentation Photos 12 & 13



Photo 14. Photo taken: 5/6/2020



Photo 15. Photo taken: 5/13/2020

Photographic Documentation Photos 14 & 15



Photo 16. fire line



Photo 17. Photo taken: 4/1/2020, fence damage



Photo 18. weeds



Photo 19. trash



Photo 20. Photo taken: 1/9/2020



Photo 21. Photo taken: 5/13/2020

Photographic Documentation Photos 20 & 21



Photo 22. Photo taken: 1/9/2020



Photo 23. Photo taken: 1/9/2020



Photo 24. Photo taken: 1/31/2020



Photo 25. Photo taken: 1/31/2020

Photographic Documentation Photos 24 & 25



Photo 26. Photo taken: 7/1/2020



**Photo 27.** Photo taken: 7/1/2020

Photographic Documentation Photos 26 & 27

## Appendix C-2

## 2020 Vernal Pool Monitoring Photolog

- 1. Carroll Canyon/Parkdale Carroll Canyon
- 2. Del Mar Mesa (City)
- 3. Greystone Torrey Highlands
- 4. Lopez Ridge (City)
- 5. Cal Terraces (North) (City), Otay Mesa Road Parcels
- 6. Cal Terraces (South)
- 7. Clayton Parcel
- 8. Goat Mesa (City)
- 9. Nobel Drive
- 10. Otay Lakes
- 11. West Otay C
- 12. Robinhood Ridge
- 13. South Otay 1 acre (City)



Photo 1. Pool 1077



Photo 2. Pool 1092

Photographic Documentation Photos 1 & 2



Photo 3. Pool 1096



Photo 4. Pool 1109

Photographic Documentation Photos 3 & 4



Photo 5. Pool 1740



Photo 6. Pool 1743

Photographic Documentation Photos 5 & 6



Photo 7. Pool 1746



Photo 8. Pool 1255



Photo 9. Pool 1260

Photographic Documentation Photos 8 & 9



Photo 10. Pool 1264



Photo 11. Pool 1272

Photographic Documentation Photos 10 & 11



Photo 12. Pool 1842



Photo 13. Pool 2468

Photographic Documentation Photos 12 & 13



Photo 14. Pool 1177



Photo 15. Pool 706



Photo 16. Pool 712

Photographic Documentation Photos 15 & 16



Photo 17. Pool 100



Photo 18. Pool 1310

Photographic Documentation Photos 17 & 18



Photo 19. Pool 1321



Photo 20. Pool 1713

Photographic Documentation Photos 19 & 20



Photo 21. Pool 1724



Photo 22. Pool 295

Photographic Documentation Photos 21 & 22



Photo 23. Pool 301



Photo 24. Pool 42

Photographic Documentation Photos 23 & 24



Photo 25. Pool 445



Photo 26. Pool 447

Photographic Documentation Photos 25 & 26



Photo 27. Pool 449



Photo 28. Pool 450

Photographic Documentation Photos 27 & 28



Photo 29. Pool 451



Photo 30. Pool 452

Photographic Documentation Photos 29 & 30



Photo 31. Pool 459



Photo 32. Pool 464

Photographic Documentation Photos 31 & 32



Photo 33. Pool 471



Photo 34. Pool 473

Photographic Documentation Photos 33 & 34



Photo 35. Pool 483



Photo 36. Pool 484

Photographic Documentation Photos 35 & 36



Photo 37. Pool 490



Photo 38. Pool 502

Photographic Documentation Photos 37 & 38



Photo 39. Pool 509



Photo 40. Pool 51

Photographic Documentation Photos 39 & 40



Photo 41. Pool 591



Photo 42. Pool 67

Photographic Documentation Photos 41 & 42



Photo 43. Pool 78



Photo 44. Pool 89

Photographic Documentation Photos 43 & 44



Photo 45. Pool 96

Photographic Documentation Photo 45



Photo 46. Pool 2022



Photo 47. Pool 2025

Photographic Documentation Photos 46 & 47



Photo 48. Pool 2039



Photo 49. Pool 2043

Photographic Documentation Photos 48 & 49



Photo 50. Pool 2044



Photo 51. Pool 2185

Photographic Documentation Photos 50 & 51



Photo 52. Pool 2189

Photographic Documentation Photo 52



Photo 53. Pool 876

Photographic Documentation Photo 53



Photo 54. Pool 1141



Photo 55. Pool 1142

Photographic Documentation Photos 54 & 55



Photo 56. Pool 1175



Photo 57. Pool 1189

Photographic Documentation Photos 56 & 57



Photo 58. Pool 1920



Photo 59. Pool 2642

Photographic Documentation Photos 58 & 59



Photo 60. Pool 666

Photographic Documentation Photo 60



Photo 61. Pool 1801



Photo 62. Pool 208

Photographic Documentation Photos 61 & 62





Photo 64. Pool 891

Photographic Documentation Photos 63 & 64



Photo 65. Pool 892



Photo 66. Pool 892



Photo 67. Pool 1545

Photographic Documentation Photo 67



Photo 68. Pool 1577



Photo 69. Pool 1580

Photographic Documentation Photos 68 & 69



Photo 70. Pool 1595



Photo 71. Pool 1596

Photographic Documentation Photos 70 & 71



Photo 72. Pool 1598



Photo 73. Pool 1599

Photographic Documentation Photos 72 & 73



Photo 74. Pool 1600



Photo 75. Pool 1601

Photographic Documentation Photos 74 & 75



Photo 76. Pool 1602



Photo 77. Pool 1603

Photographic Documentation Photos 76 & 77



Photo 78. Pool 1604



Photo 79. Pool 1606

Photographic Documentation Photos 78 & 79



Photo 80. Pool 1607



Photo 81. Pool 1608

Photographic Documentation Photos 80 & 81



Photo 82. Pool 1609



Photo 83. Pool 1666

Photographic Documentation Photos 82 & 83



Photo 84. Pool 1667



Photo 85. Pool 1668

Photographic Documentation Photos 84 & 85



Photo 86. Pool 1669



Photo 87. Pool 1670

Photographic Documentation Photos 86 & 87



Photo 88. Pool 1671



Photo 89. Pool 1672

Photographic Documentation Photos 88 & 89



Photo 90. Pool 1673



Photo 91. Pool 1675

Photographic Documentation Photos 90 & 91



Photo 92. Pool 1676



Photo 93. Pool 1677

Photographic Documentation Photos 92 & 93



Photo 94. Pool 1678



Photo 95. Pool 1679

Photographic Documentation Photos 94 & 95



Photo 96. Pool 1684



Photo 97. Pool 1685

Photographic Documentation Photos 96 & 97



Photo 98. Pool 1688



Photo 99. Pool 1689

Photographic Documentation Photos 98 & 99



Photo 100. Pool 1691



Photo 101. Pool 1692

Photographic Documentation Photos 100 & 101



Photo 102. Pool 1693



Photo 103. Pool 1694

Photographic Documentation Photos 102 & 103



Photo 104. Pool 1696



Photo 105. Pool 1697

Photographic Documentation Photos 104 & 105



Photo 106. Pool 1698



Photo 107. Pool 1699

Photographic Documentation Photos 106 & 107



Photo 108. Pool 1700



Photo 109. Pool 1701

Photographic Documentation Photos 108 & 109



Photo 110. Pool 1702



Photo 111. Pool 1703

Photographic Documentation Photos 110 & 111



Photo 112. Pool 1705



Photo 113. Pool 1706

Photographic Documentation Photos 112 & 113



Photo 114. Pool 1708



Photo 115. Pool 1709

Photographic Documentation Photos 114 & 115



Photo 116. Pool 1710

Photographic Documentation Photo 116



Photo 117. Pool 1235



Photo 118. Pool 2339

Photographic Documentation Photos 117 & 118

## Appendix D

## **Private Property Compliance Tracking**

## APPENDIX D: Private Property Compliance Tracking

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Oritoria	Reporting Requirements <sup>1</sup>	2020 Status
kandler	Mtigated Negative Declaration (Section V.9 Vernal Pool Management Plan)	Remedial measures (invasive plant control, enosion control, additional fencing and vehicle barriers, seeding)     2 general maintenance visits per year	Monitoring visits: 4 times per year (fall, January, March, Mag) Honiographs at established photo points taken at acchivalit - Species cover and richness taken in pool and upland area area 	Bendgraws (Agroshis sp.) and Italian ryegraws Johann multiforum) c1% cover Total nonnative wend cover within pools c2% Total nonnative wend cover in upland area c2% Total nonnative graws cover in upland area c2%	Following the final monitoring violit each year, the VP monitor that proper a limiter evaluating the table of the preserved viewing to abilist to think, along with hany recommender immedial maximums. • Copiese of the bitter will be submitted to the MSCP, EAG, MMC, and other City staff, as appropriate. MMSP	Grading permits Jouand 2014-3020; Nerroports 2020; Status report versal pool restoration/ miligation submitted and of 2021
Viena Norto	Mesa-Norte Versal Pool Mitigation Plan (1948)	Force and sign repair will be conducted in perpetuity     Finah and obtric removal     Somedial measures (how low eradication, revision control, additional foncing and whichs barriers, fito suppression/damage repair, menging repair)     2 weed control with during spring (preveral and versal pool barin)	No monitoring requirements outlined in the VPid2P for this complex.	Maintain suisling habitat conditions considered with the Mesa Norte Vernal Pool Mitigation Plan	-City to work with property owner to assess implementation of the Mina Norte Venail Pool Miligation Plan and provide annual reporting. MP	Closed out: No further action; No VPHCP monitoring requirement
Rodes Crossing	Rhades Crowing Habitat Management Plan (2010)	+2 werd control with during (proce in an early difference and again in April Marg) in the April Margin and April 1998 (April 1998) Intermed by general quantum survey.	Control and province of and paids which the investment and an additional tables of any table tables and tables and tables and tables and tables and tables	<ul> <li>Stern Toleranes Speciel' to be removed within 2 weeks of discorry - Address Toleranes Speciel' to be removed when some Personan TOS over baseline</li> </ul>	-burger summaring the status of the previous its method to the summariant of the previous its methods and the summariant of the previous its status outs the summariant of the previous its status outs the summariant of the summariant of the summariant of the summariant of the summariant of the summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant of the summariant of the summariant summariant of the summariant of the summariant summari	Adat to submit werei good Adat to submit werei good 2022

Project	Associated Plan	Maintenance Requirements	Monitoring Requirements	Success Criteria	Reporting Requirements	2020 Status
	Nabilat Management Plan (2000)	Trainremoval visits every other month     Ongoing maintenance of barrier along	- Baudra: boottary of quality and quarkity of served area (2004) - 2-constanty quality are year of during the tasky season Fold-April Constant specific list subfactore estimation.	Identials withing habitat conditions considered with the Safe Instance Bancier Planchabitat Management Plan Tans Tolanances Speciels' to be removed within 2 with a discourse Species' to be removed within moder all biotencies Species' to be menceed when more increases. SSS over baseline	- Reprint Annuelly there are hybrit filted insurant baseling the ord of the product quarking year of the product of the data minimum, CDRR (2004) and CDRR (2004) and the data minimum, CDRR (2004) and the product of the data minimum data minimum data the product of the data was the promove, significant data particular the product of the data minimum data minimum the product of the data minimum data minimum data minimum events and the data minimum data minimum data minimum equivalent data and the product of the data minimum equivalent data and the data minimum data minimum data minimum expects minimum data minimum data minimum data minimum equipations management hava or beliefuel data minimum. Addata	Project grades, 10 religationand protection of Wenegalae, Project closed and Critica and Wenegalae, Project closed and Critica and an environment of the generating and the second second and project colliference.
	Vernal Pool Management Plan Staw-Lorenz Project (2007)	<ul> <li>instaution and repair or presistive</li> </ul>	<ul> <li>Annual quantitative monitoring (species richness and vegetative cover) for CSS restaration; stratified random sampling with maps provided</li> </ul>	five years of monitoring OK weed cover for Cal-IPC High or Moderate and -5% relative cover of all other	Enabling roots will be ubstitled to the Society by Sept.     Enabling or of the Symmetry September 3 years,     Hopps the all assess tools the attainatest of years     and assess tools the statisticatest of years     and the september 3 years and the first assess     and the september 3 years and the september 3 years     and the september 3 years and the september 3 years     and the september 3 years and the september 3 years     and conditions.	Grading complete: project closed out. Venatalis LFBPE christip ause: RECOM working with LFBPE follow up to be previded 2022

Properties requirements are devised from successful plans: plan tope accounts listed for each set of requirements are defined as follows: RD - Relapica/Celstion HMP - Habitat Management Plans HP - Misaston Flans MMP - Misaston Monitorina Responses

