

2022 Annual Status Report for the Devil's Gate Reservoir Restoration Project

Los Angeles County, California

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LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
ASR	Annual Status Report
CDFW	California Department of Fish and Wildlife
CNDDDB	California Natural Diversity Database
HRP	Habitat Restoration Plan
ISHB	Invasive Short Hole Borer
ISRA	Initial Sediment Removal Area
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
LACPW	Los Angeles County Public Works
MM	Mitigation Measure
MMRP	Mitigation Monitoring and Reporting Program
RAFSS	Riversidean Alluvial Fan Sage Scrub
RAMA	Routine Annual Maintenance Area
USFWS	U.S. Fish and Wildlife Service
WOUS	Waters of the U.S.

1.0 INTRODUCTION

1.1 Purpose

This Annual Status Report (ASR) was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the City of Pasadena in Los Angeles County, California during the fourth year of Project Activities (January 2022 through December 2022). This ASR satisfies Condition 6.8 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.8 in the ITP states:

"Permittee shall provide CDFW with an Annual Status Report (ASR) initiating no later than July 31, 2018, and continuing every 12 months with issuance of this ITP and continuing for Term of this ITP, unless an altered frequency is approved before hand in writing by CDFW (e.g., email, letter, or fax). Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 6.7; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to both interim and permanent disturbance, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species."

This is the fourth ASR submitted in accordance with ITP Condition number 6.8. This report covers activities that were conducted at the Project site between January 1, 2022, and December 31, 2022. All Quarterly Compliance Reports prepared to cover the fourth ASR reporting period per Condition 6.7 of the ITP are included in Appendix A.

2.0 PROJECT STATUS

2.1 Project Area

Covered activities that occurred during the fourth ASR reporting period were related to routine annual maintenance sediment removal activities, including Project access and staging, vegetation removal, and sediment removal within the boundaries of the Routine Annual Maintenance Area (RAMA) as well as restoration activities in the onsite mitigation areas. Table 1 provides a summary of the acreage for the entire Project that was impacted during the initial vegetation removal during the first ASR reporting period.

The Initial Sediment Removal Area (ISRA) encompassed 51.35 acres of temporary and permanent impact areas and the additional temporary impact areas located around the perimeter of the ISRA and at

Altadena Drain include 2.19 acres. Details about the vegetation removal around the perimeter were described in a memo appended to the Fourth Quarter Compliance Report for 2018 and included in the first ASR.

Table 1. Summary of Initial Sediment Removal Area Activities	
Initial Sediment Removal Area	Acres Impacted
Initial Sediment Removal Area	51.35
Temporary Impacts Around Perimeter	1.12
Temporary Impacts at Lower Altadena Drain	0.95
Temporary Impacts Outside of Permitted Boundary and Outside of Clearing and Grubbing Limits	0.12
Total Impacts	53.54

The boundary of the RAMA, where permanent impacts will occur from annual sediment removal activities was reduced in 2020 according to the terms of the final settlement agreement. The terms agreed upon in the final settlement agreement include the conversion of some permanent impact areas in the RAMA to temporary impact areas. Table 2 compares the permitted project acreages to the reduced project acreages resulting from the settlement agreement. These updates are depicted on Figures 1 and 2.

Table 2. Components of the Permitted and Reduced Projects (Acres)		
Area of Impact	Permitted Project	Reduced Project
Routine Annual Maintenance Area	42.05	36.27
New East Access Roads	0.00	0.23
Side Slopes (Episodic Maintenance Area)	7.34	7.88
Total Within the Permanent Maintenance Area	49.38	44.38
Temporary Impact Areas	16.18	2.40
Total Temporary Impact Areas	16.18	2.40
TOTAL IMPACT AREAS	65.56	46.78
DG-East Exclusion Area	0.00	2.46
DG-West Exclusion Area	0.00	2.00
Flint Wash Exclusion Area	0.00	1.32
TOTAL EXCLUSION AREAS (NO IMPACT)	0.00	5.78
TOTAL ACREAGE	65.56	52.56

Figure 2 also depicts the two alternative access roads that were used on the east side of the reservoir during the 2022 routine annual sediment removal (depicted as DG-3AB Area Access Road and DG-8 Access Road) due to severe erosion that occurred at the original east access road located close to the dam. To facilitate egress for the annual sediment removal these access roads that were established during the initial sediment removal project were utilized because they had not yet been restored.

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Figure 1. Permit Update Overview

Map Features

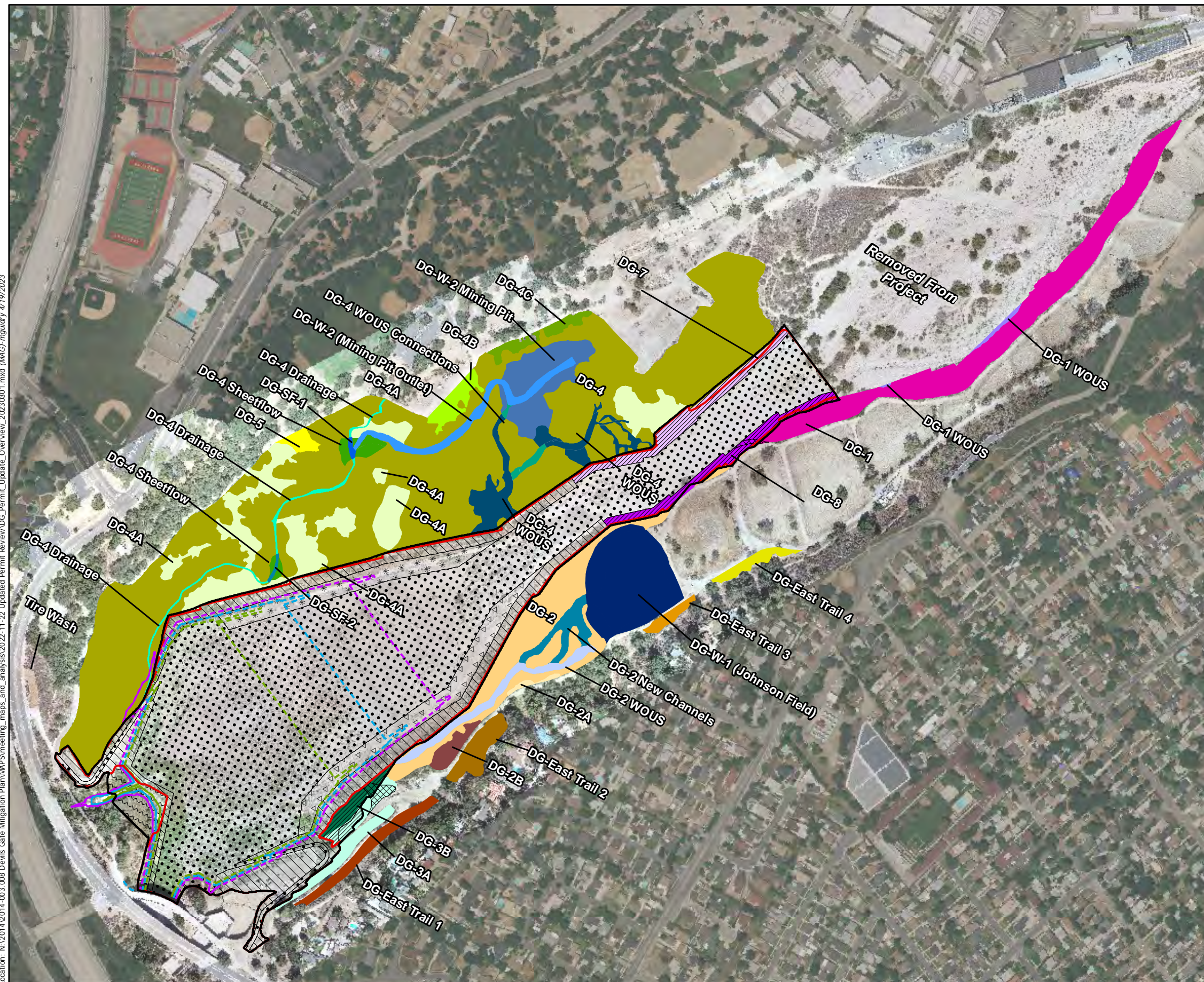
- Final Design Boundary
- Project Impact Footprint

Inundation Contours

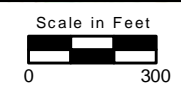
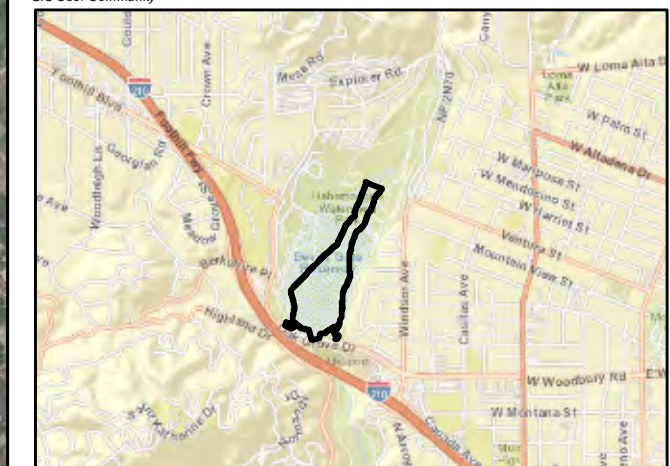
- 1,000
- 1,005
- 1,010

Impact Limits

- Routine Annual Maintenance Area - 36.27 ac.
- East Access Roads - 0.23 ac.
- Side Slopes (Episodic Maintenance Areas) - 7.88 ac.
- Flint Wash (Exclusion Area) - 1.32 ac.
- DG - West Side (Exclusion Area) - 2.00 ac.
- DG - East Side (Exclusion Area) - 2.46 ac.
- Temporary Impact Area - 3.53 ac.



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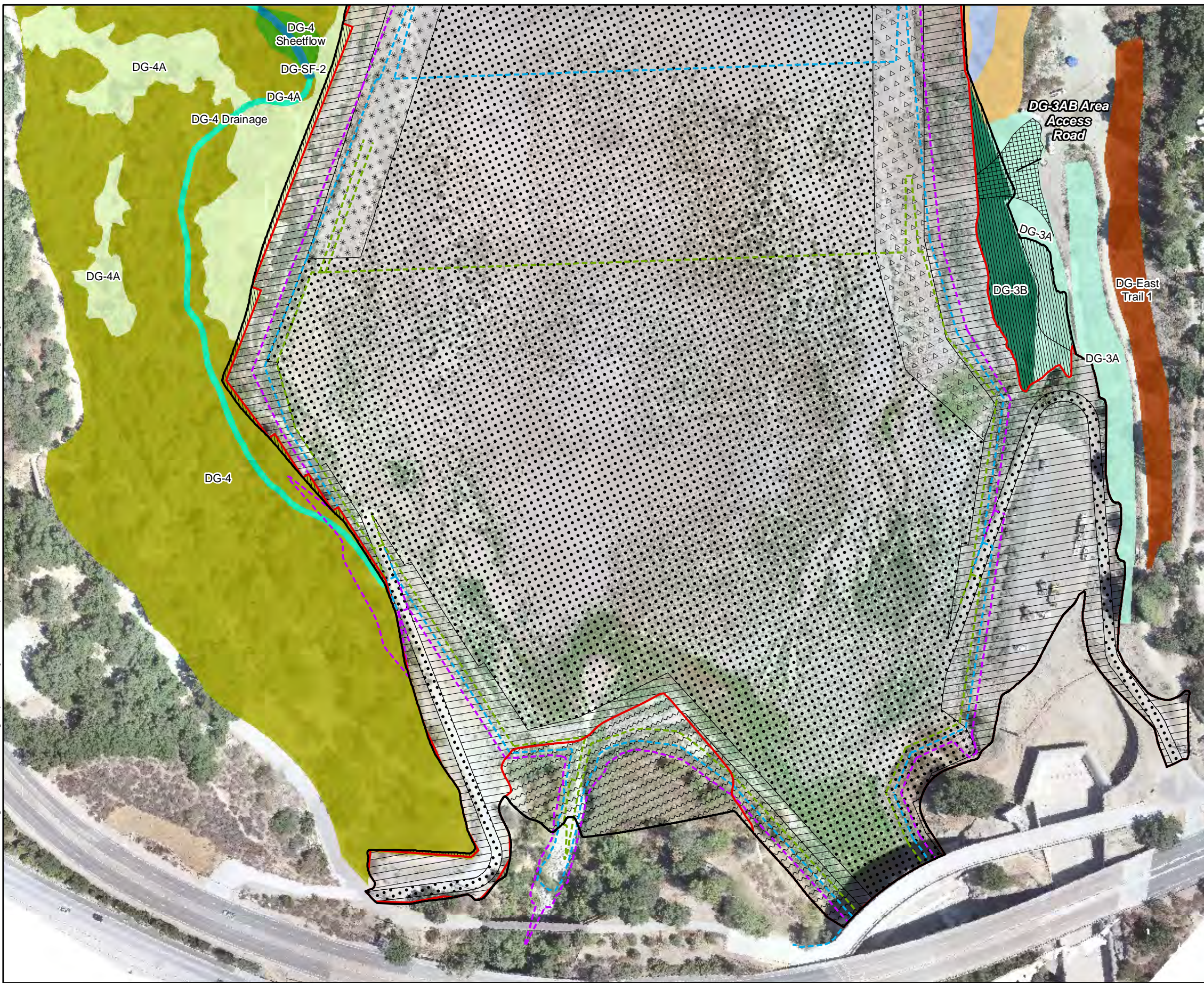
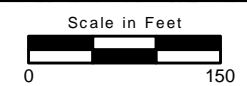
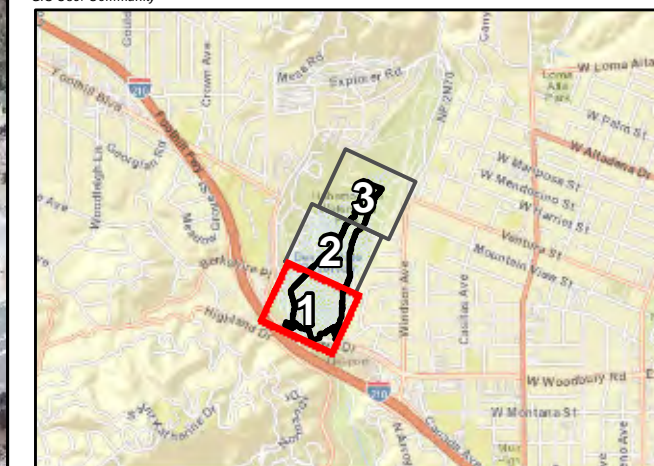


Figure 2. Permit Update
Detail Page 1 of 3

- Map Features**
- Final Design Boundary
 - Project Impact Footprint
 - Proposed Access Roads
- Inundation Contours**
- 1,000
 - 1,005
 - 1,010
- Impact Limits**
- Routine Annual Maintenance Area - 36.27 ac.
 - East Access Roads - 0.23 ac.
 - Side Slopes (Episodic Maintenance Areas) - 7.88 ac.
 - Flint Wash (Exclusion Area) - 1.32 ac.
 - DG - West Side (Exclusion Area) - 2.00 ac.
 - DG - East Side (Exclusion Area) - 2.46 ac.
 - Temporary Impact Area - 3.53 ac.
- Mitigation Areas**
- DG-2
 - DG-2 WOUS
 - DG-3A
 - DG-3B
 - DG-4
 - DG-4 Drainage
 - DG-4 Sheetflow
 - DG-4A
 - DG-East Trail 1
 - DG-SF-2

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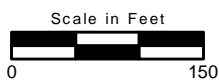
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Figure 2. Permit Update
Detail Page 2 of 3



- Map Features**
- Final Design Boundary
 - Project Impact Footprint
- Inundation Contours**
- 1,005
 - 1,010
- Impact Limits**
- Routine Annual Maintenance Area - 36.27 ac.
 - East Access Roads - 0.23 ac.
 - Side Slopes (Episodic Maintenance Areas) - 7.88 ac.
 - Flint Wash (Exclusion Area) - 1.32 ac.
 - DG - West Side (Exclusion Area) - 2.00 ac.
 - DG - East Side (Exclusion Area) - 2.46 ac.
 - Temporary Impact Area - 3.53 ac.
- Mitigation Areas**
- DG-2
 - DG-2 New Channels
 - DG-2 WOUS
 - DG-2A
 - DG-2B
 - DG-4
 - DG-4 Drainage
 - DG-4 Sheetflow
 - DG-4 WOUS
 - DG-4 WOUS Connections
 - DG-4A
 - DG-4B
 - DG-4C
 - DG-5
 - DG-7 (Temp Impacts)
 - DG-8 (Temp Impacts)
 - DG-East Trail 2
 - DG-East Trail 3
 - DG-SF-1
 - DG-SF-2
 - DG-W-1 (Johnson Field)
 - DG-W-2 (Mining Pit)
 - DG-W-2 (Mining Pit Outlet)

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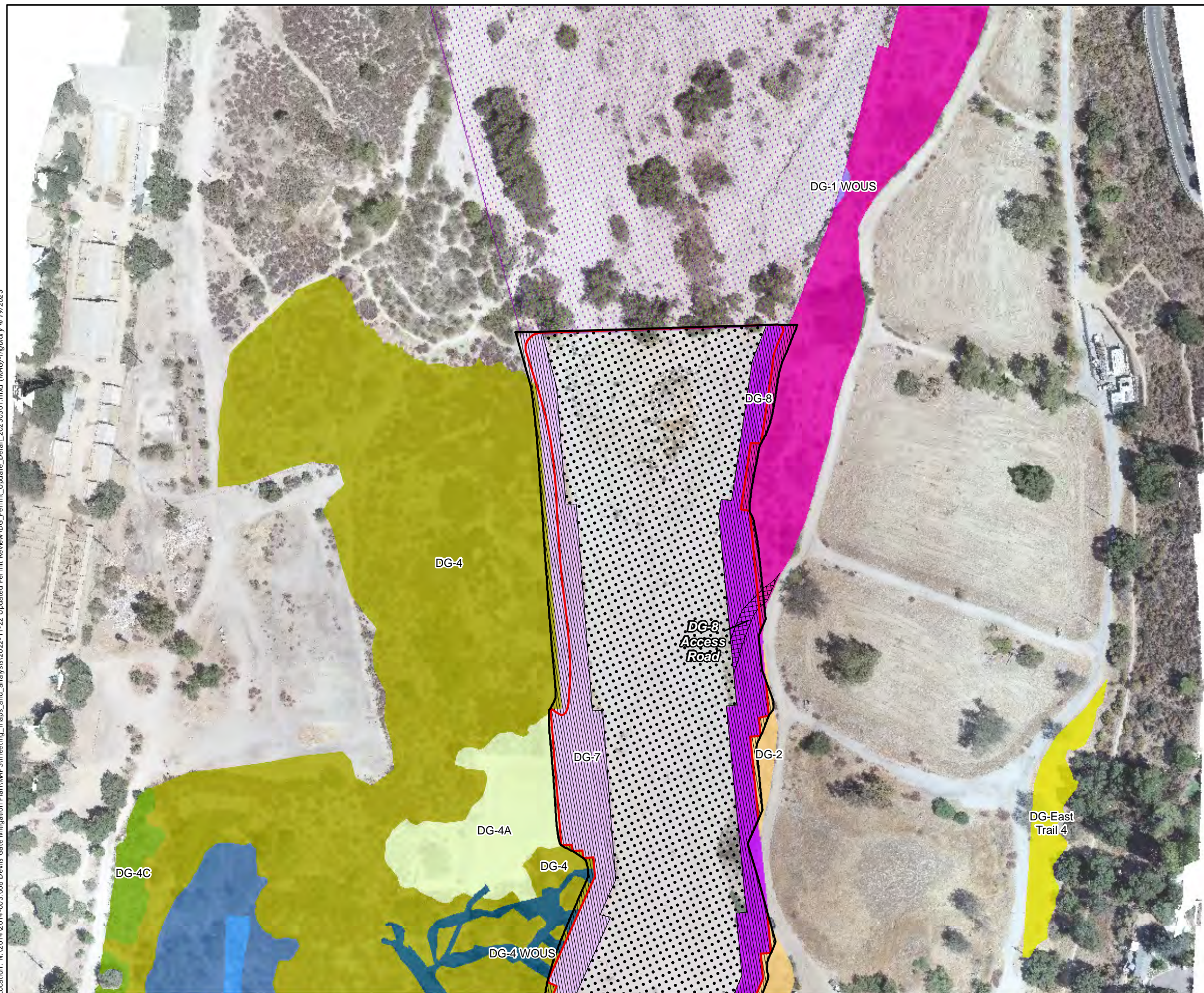


Figure 2. Permit Update
Detail Page 3 of 3

Map Features

- Final Design Boundary
- Project Impact Footprint
- Proposed Access Roads

Impact Limits

- Routine Annual Maintenance Area - 36.27 ac.
- East Access Roads - 0.23 ac.
- Side Slopes (Episodic Maintenance Areas) - 7.88 ac.
- Flint Wash (Exclusion Area) - 1.32 ac.
- DG - West Side (Exclusion Area) - 2.00 ac.
- DG - East Side (Exclusion Area) - 2.46 ac.
- Temporary Impact Area - 3.53 ac.

Mitigation Areas

- DG-1
- DG-1 WOUS
- DG-2
- DG-4
- DG-4 WOUS
- DG-4A
- DG-4C
- DG-7 (Temp Impacts)
- DG-8 (Temp Impacts)
- DG-East Trail 4
- DG-W-2 (Mining Pit)
- DG-W-2 (Mining Pit Outlet)
- DG-9 (Removed From Project)

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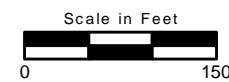


Figure 2 also depicts the two alternative access roads that were used on the east side of the reservoir during the 2022 routine annual sediment removal (depicted as DG-3AB Area Access Road and DG-8 Access Road) due to severe erosion that occurred at the original east access road located close to the dam. To facilitate egress for the annual sediment removal these access roads that were established during the initial sediment removal project were utilized because they had not yet been restored.

Also depicted on Figures 1 and 2 are the potential inundation levels for the pool of water that will be held behind the dam from March 1 through July 1 each year per the settlement agreement. The County will strive to begin holding the pool at 1,010 feet above mean sea level beginning on March 1 of each year. The pool is expected to recede slowly due to evaporation and leakage from the dam and will be officially released beginning on July 1 of each year.

Covered activities that occurred during the fourth ASR reporting period also included onsite habitat restoration activities within the onsite mitigation areas. Tables 3 and 4 provide a summary of the mitigation areas included in Phase 1 and Phase 2 of the habitat restoration, associated acreages, and associated vegetation communities of onsite restoration activities that were ongoing in the 2022 fourth ASR reporting period. The Phase 2 Mitigation Site As-Built Report was included as an appendix to the third ASR.

Table 3. Summary of Phase 1 Mitigation Areas (Acres)				
Restoration Area	Area Restored During Phase 1	Temporary Impacts Around Perimeter¹	Total	Vegetation Communities
DG-1 (seeding only)	4.48	0.27	4.75	<i>Eriogonum fasciculatum</i> Shrubland Alliance <i>Lepidospartum squamatum</i> Shrubland Alliance
DG-1 WOUS (seeding only)	0.11	0.00	0.11	<i>Lepidospartum squamatum</i> Shrubland Alliance/ <i>Baccharis salicifolia</i> Shrubland Alliance
DG-2A	0.10	0.00	0.10	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-2B	0.38	0.00	0.38	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-3A	0.92	0.22 ²	1.14	<i>Quercus agrifolia</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-4	26.64	0.43	27.07	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance <i>Artemisia californica</i> - <i>Eriogonum fasciculatum</i> Shrubland Alliance
DG-4B	0.54	0.00	0.54	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-4C	0.45	0.00	0.45	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-5	0.26	0.00	0.26	<i>Salix gooddingii</i> Woodland Alliance
Total Acres			34.80³	

Table 3. Summary of Phase 1 Mitigation Areas (Acres)				
Restoration Area	Area Restored During Phase 1	Temporary Impacts Around Perimeter ¹	Total	Vegetation Communities

¹These areas were restored following the completion of the side slopes

²This includes 0.03 acres of temporary impact areas around the perimeter and 0.20 acres of staging areas that will be restored during Phase 4 of the restoration.

³Total may vary slightly from Phase 1 As-built and Lake or Streambed Alteration Agreement Amendment as the As-built will be refined in conjunction with As-built for Phases 3 and 4.

WOUS = Waters of the U.S.

The approved mitigation areas are depicted on Figure 3.

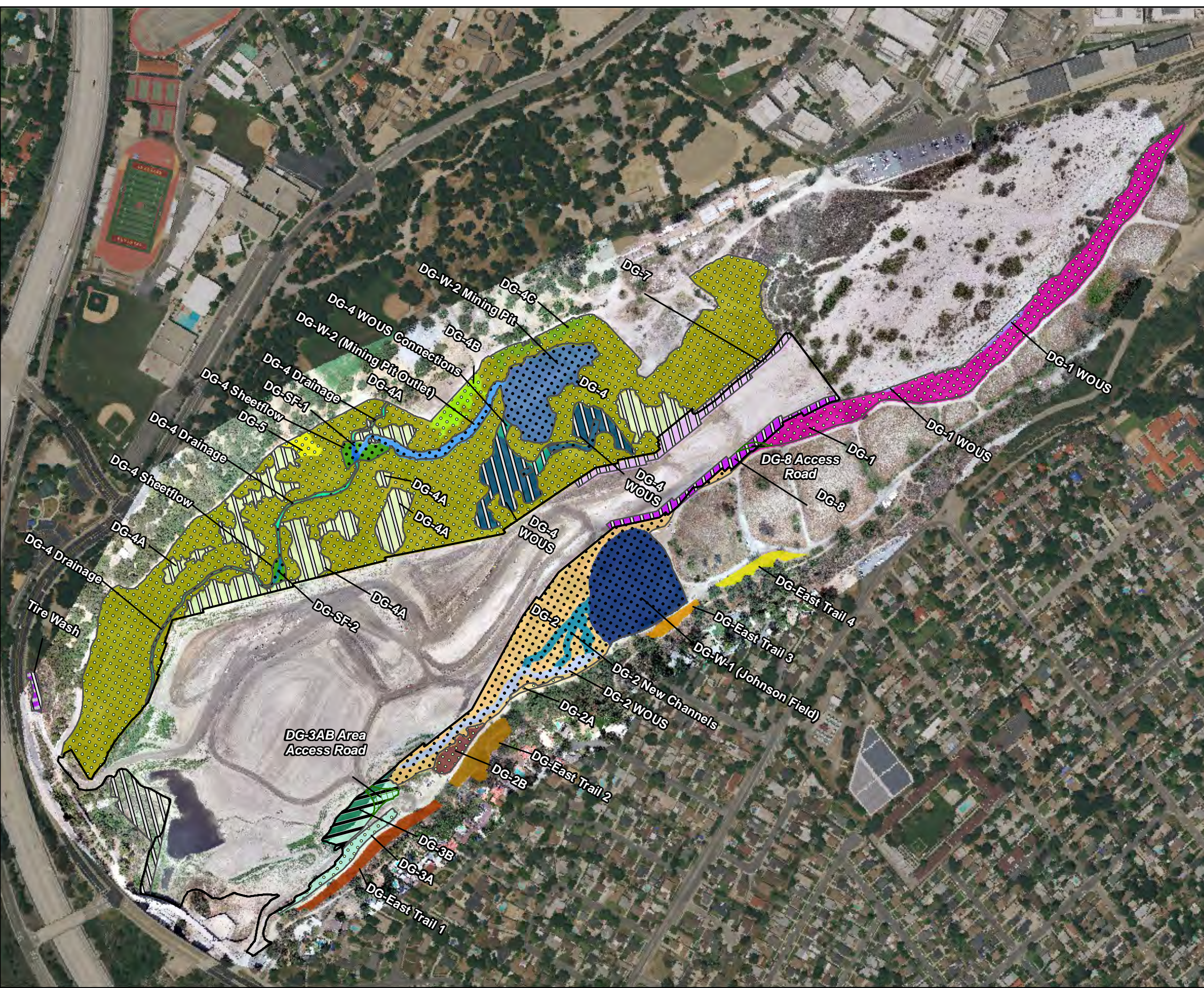
Table 4. Summary of Phase 2 Mitigation Areas				
Restoration Area	Target Vegetation Type	Mitigation Method	Acreage Excluding Easements	Total Acreage
DG-W-1 (Johnson Field)	<i>Salix gooddingii</i> Woodland Alliance	Creation	3.01	3.44
DG-W-2 (Mining Pit)	<i>Salix gooddingii</i> Woodland Alliance	Restoration	1.98	2.12
DG-W-2 (Mining Pit Outlet)	<i>Salix gooddingii</i> Woodland Alliance	Creation	0.13	0.13
DG-2	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance	Restoration - Enhancement	3.75	3.83
DG-2 New Channels	<i>Salix gooddingii</i> Woodland Alliance	Creation	0.83	0.83
DG-2 WOUS	<i>Salix gooddingii</i> Woodland Alliance	Restoration	0.75	0.75
DG-4A ¹	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance	Creation	5.43	5.46
DG-4-Sheet Flow	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance	Restoration - Enhancement	0.40	0.40
DG-SF-1	<i>Salix gooddingii</i> Woodland Alliance	Restoration	0.08	0.08
DG-SF-2 ¹	<i>Salix gooddingii</i> Woodland Alliance	Restoration	0.03	0.03
DG-4-WOUS ²	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance	Restoration	1.84	1.88
DG-4-Drainage ¹	<i>Salix gooddingii</i> Woodland Alliance	Restoration	0.49	0.49
TOTAL			18.72	19.44

¹ Weed abatement only

² Weed abatement and grading / contouring only

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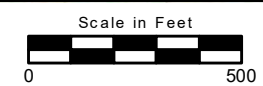
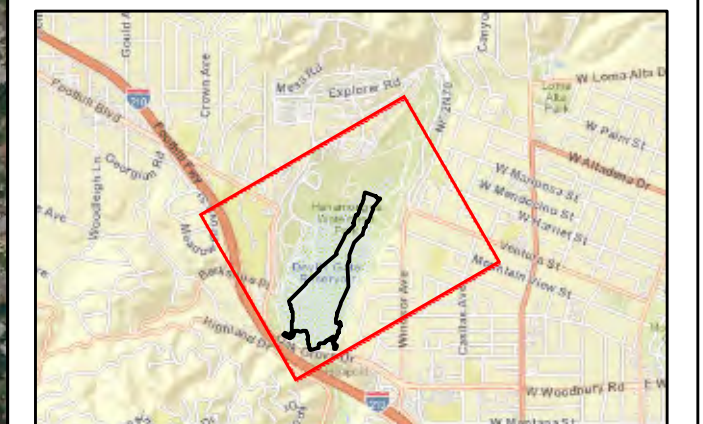
**Figure 3.
Devil's Gate Mitigation Area Phase 2
Planting Areas**



Map Features

	Final Design Boundary		DG-4 Sheetflow
	East Access Roads (Permanent Impact)		DG-4 WOUS
Restoration Phasing			
	Phase 1 - Completed		DG-4 WOUS Connections
	Phase 2 - Completed		DG-4A
	Future Phase 3		DG-4B
	Future Phase 4		DG-4C
Mitigation Areas			
	DG-1		DG-7 (Temp Impacts)
	DG-1 WOUS		DG-8 (Temp Impacts)
	DG-2		DG-East Trail 1
	DG-2 New Channels		DG-East Trail 2
	DG-2 WOUS		DG-East Trail 3
	DG-2A		DG-East Trail 4
	DG-2B		DG-SF-1
	DG-3A		DG-SF-2
	DG-3B		DG-W-1 (Johnson Field)
	DG-4		DG-W-2 (Mining Pit)
	DG-4 Drainage		DG-W-2 (Mining Pit Outlet)
			Tire Wash

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Restoration in the Phase 1, Phase 2, and Phase 3 mitigation areas was ongoing during the fourth ASR reporting period. The restoration work in the Phase 1 and Phase 2 mitigation areas primarily consisted of ongoing weed abatement and maintenance for the previously installed container plants and irrigation system. Container planting for Phase 2 was implemented in early 2021 and was completed in May 2021. No container planting occurred in 2022. The as-built report for the Phase 2 areas was completed shortly after the completion of the restoration implementation efforts and was included as an appendix to the third ASR.

The restoration work in the Phase 3 mitigation areas primarily consisted of the creation or restoration of riparian habitat and Waters of the U.S. (WOUS) to satisfy the mitigation requirements of the Section 404 Permit from the U.S. Army Corp of Engineers. These activities included:

- Grading in DG-4 WOUS in preparation for plantings.
- De-compacting soil in the tire wash area in preparation for plantings.
- Irrigation installation in preparation for plantings.
- Hydroseeding with the approved native seed mix from the Habitat Restoration Plan (HRP).

Additional activities associated with the restoration in the Phase 3 areas included non-native plant removal prior to the grading, irrigation system installation, and other site preparation. These activities are described in more detail in Section 2.3 below. The as-built report for the Phase 3 areas will be completed following the installation of container plants and native plant cuttings and the completion of seed application.

2.2 Project Activities

The following Project construction activities were conducted onsite during the fourth ASR reporting period:

- Project construction activities in the form of routine annual maintenance activities began on September 1, 2022 with the removal of emergent vegetation. Sediment hauling activities began September 19, 2022 and continued through October 24, 2022. No Project construction, annual maintenance, or sediment removal activities occurred prior to September 1, 2022.
- Sediment Removal hauling activities included the loading of sediment into bottom-dump haul trucks using excavators and front loaders.
- Small areas of emergent vegetation were cleared using bulldozers, skid steers, and front loaders in preparation for hauling activities. All vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.

2.3 Habitat Restoration Activities

The following habitat restoration activities were conducted onsite during this reporting period:

- Onsite habitat restoration activities resumed on January 3, 2022 and continued through December 30, 2022.
- Ongoing maintenance was performed throughout the fourth ASR reporting period. Invasive plant removal was conducted using a combination of hand-pulling, weed whips, shovels, hula hoes, and rakes. Species targeted during nonnative and invasive plant removal included, but were not limited to: perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), wild radish (*Raphanus sativus*), poison hemlock (*Conium maculatum*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), shortpod mustard (*Hirschfeldia incana*), Italian thistle (*Carduus pycnocephalus*), red stemmed filaree (*Erodium cicutarium*), dwarf nettle (*Urtica urens*), sweet clover (*Melilotus indicus*), tree tobacco (*Nicotiana glauca*), giant reed (*Arundo donax*), Russian thistle (*Salsola tragus*), sow thistle (*Sonchus oleraceus*), lambs quarters (*Chenopodium album*), and castor bean (*Ricinus communis*). These species were removed from the DG-1, DG-2, DG-2 WOUS, DG-2 New Channels, DG-2A, DG-2B, DG-W-1 (Jonson field), DG-W-2 (mining pit), DG-W-2 Mining Pit Outlet, DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 drainage, DG-5, DG-4 sheetflow, DG-SF-1, DG-7, DG-8, and side slope onsite restoration areas. Trees felled during high winds were processed using a chainsaw. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Grading with a skid steer, mini bulldozers, and an excavator occurred in DG-4 WOUS in preparation for plantings. An excavator was also used to de-compact the tire wash area.
- Side slopes on the east and west sides of the reservoir were hydroseeded. Due to access issues from inundation behind the dam, the southern portion of the side slopes and Flint Wash could not be hydroseeded. In addition, the temporary impact areas (DG-7 and DG-8) could not be hydroseeded due to access issues.
- Native plants including dodder (*Cuscuta californica*), annual burweed (*Ambrosia acanthicarpa*), horseweed (*Erigeron canadensis*), and rough cocklebur (*Xanthium strumarium*) were removed in some areas to reduce competition for nutrients and water for planted container plants.
- The irrigation system was maintained, and container plants and cuttings were watered throughout the site.

2.4 Adaptive Management Activities

During the fourth quarter reporting period, the Los Angeles County Public Works (LACPW) in conjunction with the Los Angeles County Agricultural Commissioner/Weights and Measures completed the removal of trees located within the mitigation areas that were identified as being infested with the Invasive Short Hole Borer (ISHB). The purpose of the removal of the trees infested with ISHB was to eliminate the beetle-infested material from the mitigation areas and to minimize the spread of this invasive beetle species. Only larger existing trees in the mitigation areas that were dead or in a condition unlikely to recover were

removed and none of the container plants or stakes that were installed as part of the habitat restoration implementation effort were included in the removal effort as they did not show any signs of infestation. Trees were removed using chainsaws and chipped onsite before undergoing solarization. An Adaptive Management Report for the ISHB tree removal activities was prepared as well as an addendum to the City Protected Tree Survey Report for the additional trees removed. Each of these reports are included as appendices to the Fourth Quarter Compliance Report in Appendix A.

Additionally, during the first quarter reporting period, water was held behind the dam at levels above 1,031' between January 1 and 3, 2022. Holding water at this elevation resulted in the inundation of Mitigation Areas DG-3A and DG-4. The extent of inundation in these areas is depicted on Figure 4. Restoration monitoring in the mitigation areas that were inundated is ongoing to determine if adaptive management measures such as replanting or reseeding need to be implemented, or if continued maintenance to control nonnatives so that the native can recover will be sufficient.

3.0 LEAST BELL'S VIREO SURVEYS

3.1 Preconstruction Surveys

Per Condition 7.3.2 of the ITP, preconstruction surveys for least Bell's vireo (*Vireo bellii pusillus*) started 30 days prior to the anticipated start of ground-disturbing construction activities and continued weekly. Additionally, three preconstruction surveys for least Bell's vireo were conducted within the week prior to the initiation of project sediment removal activities, per Conservation Measure 11a of the Informal Section 7 Consultation, with the final survey occurring 24 hours before construction began. Shortly after routine annual maintenance activities began on September 1, 2022, work activities were halted due to noise complaints from neighboring communities specific to equipment backup alarms. As a result, work activities were halted until September 8, 2022. Immediately prior to work resuming on September 8, 2022, a final preconstruction least Bell's vireo was conducted per Condition 7.3.2 of the ITP. A total of 8 preconstruction least Bell's vireo surveys were conducted between August 2 and September 8, 2022. Surveys were conducted by Designated Biologists approved by CDFW and the U.S. Fish and Wildlife Service (USFWS).

No least Bell's vireos were documented within 500 feet of the Project site during preconstruction surveys conducted during the 2022 breeding season. The preconstruction least Bell's vireo survey report was included as an appendix to the Third Quarter Compliance Report for 2022, included in Appendix A.

3.2 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, weekly focused surveys for least Bell's vireo began March 1, 2022 and continued through July 26, 2022, as preconstruction least Bell's vireo surveys started August 2, 2022. Surveys were conducted by Designated Biologists approved by CDFW and USFWS. A total of 23 focused breeding season least Bell's vireo surveys and eight preconstruction least Bell's vireo surveys were conducted during the 2022 breeding season.

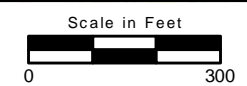
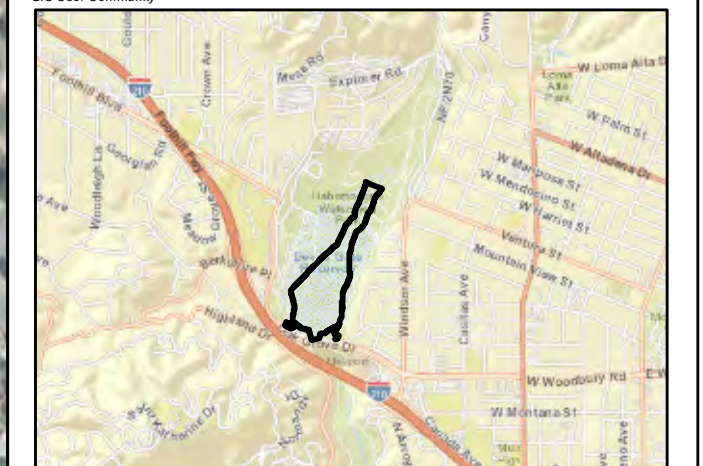
Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\WAP\Smearing_maps_and_analysis\2021-04-21 Inundation Area\InundationAreaReview_20230111.mxd (MAG-rguidry 4/19/2023)



**Figure 4.
Inundation Area Review**

- Map Features**
- Final Design Boundary
 - Routine Annual Maintenance Area - 36.27 ac.
 - East Access Roads - 0.23 ac.
 - Side Slopes (Episodic Maintenance Areas) - 7.88 ac.
 - Flint Wash (Exclusion Area) - 1.32 ac.
 - DG - West Side (Exclusion Area) - 2.00 ac.
 - DG - East Side (Exclusion Area) - 2.46 ac.
 - Temporary Impact Area - 3.53 ac.
 - Inundation Area at 1,032'
- Mitigation Areas**
- | | |
|-----------------------|----------------------------|
| DG-1 | DG-4B |
| DG-2 | DG-4C |
| DG-2 New Channels | DG-5 |
| DG-2 WOUS | DG-7 (Temp Impacts) |
| DG-2A | DG-8 (Temp Impacts) |
| DG-2B | DG-East Trail 1 |
| DG-3A | DG-East Trail 2 |
| DG-3B | DG-East Trail 3 |
| DG-4 | DG-East Trail 4 |
| DG-4 Drainage | DG-SF-1 |
| DG-4 Sheetflow | DG-SF-2 |
| DG-4 WOUS | DG-W-1 (Johnson Field) |
| DG-4 WOUS Connections | DG-W-2 (Mining Pit) |
| DG-4A | DG-W-2 (Mining Pit Outlet) |

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



No observations of least Bell's vireo were documented on the Project site during the focused breeding season surveys or preconstruction surveys during the 2022 breeding season. The least Bell's vireo breeding season survey reports were included as appendices to the First, Second, and Third Quarter Compliance Reports for 2022, included in Appendix A.

In the second quarter of 2022, least Bell's vireo individuals were observed on April 19, 27, 28, and 29, 2022 by Designated Biologists monitoring onsite habitat restoration work. Vireos were heard singing and were observed carrying nesting material; however, least Bell's vireo were not observed during focused breeding season surveys or by onsite restoration monitors in May 2022. In the third quarter of 2022, one least Bell's vireo was observed foraging within the onsite habitat restoration area on September 16, 2022 by a Designated Biologist monitoring onsite habitat restoration activities. Given the timing of the observation, it is not likely that the individual was engaged in breeding activities at the Project site. The observations of the least Bell's vireo individuals were submitted to the California Natural Diversity Database (CNDDDB). In compliance with Condition 6.9 of the ITP, a copy of the CNDDDB submissions for the least Bell's vireo observations in 2022 is included as Appendix B.

4.0 ADHERENCE TO ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during the fourth ASR reporting period. No non-compliances occurred during the fourth ASR reporting period. No direct or indirect take of listed species or Covered Species occurred during this reporting period.

5.0 MITIGATION MONITORING AND REPORTING PROGRAM

5.1 MMRP Implementation Status

Per Condition 6.8 of the ITP, Table 5 lists the Mitigation Monitoring and Reporting Program (MMRP) table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 5. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/2018 – ongoing	A qualified biologist was present during all initial vegetation-disturbing project-related activities during the fourth ASR reporting period. See Quarterly Compliance Reports included in Appendix A, which provide tables of qualified biologists present on each day during the reporting period. This measure was completed during the fourth ASR reporting period and will be repeated as required for the duration of the Project.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/2018 - ongoing	Worker education training was provided to all project personnel. This measure was completed during the fourth ASR reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 - 5/19/20, 3/17/21 - 3/26/21, 07/19/22 – 09/08/22	Preconstruction surveys for sensitive species and least Bell's vireo were conducted prior to the initiation of project activities in the fourth ASR reporting period. Preconstruction breeding season surveys for least Bell's vireo were conducted 30 days prior to the initiation of ground disturbing activities within the

Table 5. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
							Reservoir during the breeding season. The preconstruction breeding season least Bell's vireo survey report was provided as an attachment to the Third Quarter Compliance Report for 2022 included in Appendix A. This measure was completed during the first ASR reporting period and continued through the fourth ASR reporting period.
<p>MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project.</p> <p>Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal.</p> <p>If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20, 3/1/21 - 4/16/21, 7/28/22 - 8/30/22	No bird exclusionary measures were implemented during the fourth ASR reporting period. Preconstruction surveys for nesting birds were completed ahead of annual maintenance activities during the third quarter of 2022. Active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored Project construction and restoration activities daily during the nesting season. This measure was completed during the first ASR reporting period and continued through the fourth ASR reporting period.

Table 5. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	<p>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/2018 – 11/08/2018, 10/05/2023-10/10/2023</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. The Preconstruction bat survey report was transmitted directly to CDFW. Additional preconstruction bat surveys were conducted ahead of ISHB tree removal activities during the 2022 fourth quarter reporting period. The report for these surveys is included as an attachment to the Fourth Quarter Compliance Report in Appendix A. This measure was completed during the first and fourth ASR reporting periods and will be repeated as required for the duration of the Project.</p>
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/2018 – ongoing</p>	<p>Restoration activities of Riversidean Alluvial Fan Sage Scrub habitat were initiated in November 2018. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and an As-Built Report was prepared for</p>

Table 5. Devil’s Gate Mitigation Monitoring and Reporting Program

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Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> • Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant (if applicable) and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. 	<ul style="list-style-type: none"> • Prepare Monitoring Reports 	<ul style="list-style-type: none"> • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 					<p>Phase 1 restoration areas during the second ASR reporting period. Restoration of Riversidean Alluvial Fan Sage Scrub habitat was not included in the Phase 2 restoration areas.</p>

Table 5. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city- protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> Conduct Tree Survey Identify and Protect Oak Tree Root Zones Identify/Map Mitigation Sites Prepare Habitat Restoration Plan Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	<p>Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. Oak tree root protection zones were identified and delineated prior to the start of Project activities. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and an As-Built Report was prepared for Phase 1 restoration areas. The implementation of this measure was partially completed during the first, second, and third ASR reporting periods and is ongoing. An addendum to the City-Protected tree survey report was prepared to account for additional trees removed during the ISHB tree removal activities in the fourth quarter of 2022. This report is included as an appendix to the Fourth Quarter Compliance Report provided in Appendix A. Restoration activities were continued</p>

Table 5. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
							during the fourth ASR reporting period.
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). • Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. <ul style="list-style-type: none"> ○ Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/2018 – ongoing	Restoration activities of riparian habitats, sensitive natural communities, and jurisdictional waters were initiated in November 2018 and were ongoing during the second, third, and fourth ASR reporting periods. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and As-Built Reports were prepared for Phase 1 and Phase 2 restoration areas. In addition, monitoring reports were provided for monitoring conducted during the plant establishment period, horticultural monitoring, and annual botanical monitoring. The implementation of this measure was partially completed during the first, second, and third ASR reporting periods and is ongoing in the fourth ASR reporting period.

Table 5. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> ○ Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. <ul style="list-style-type: none"> ○ Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. ○ Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ○ Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. • Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

MM = Mitigation Measure

*The Implementation and Monitoring phases are broken down into four categories: Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; and Reservoir Management. “Final Plans and Specifications” indicates that the mitigation measure must be incorporated into the final approved design, plans, and specifications for the project. “Pre- Sediment Removal” refers to measures that are required prior to the start of the sediment removal phase. “Sediment Removal” refers to all aspects of the Sediment Removal phase. “Reservoir Management” refers to all aspects of the Reservoir Management phase.

5.2 MMRP Effectiveness Evaluation

Per Condition 6.8 of the ITP, the effectiveness of each completed or partially completed mitigation measure in the MMRP in avoiding, minimizing, and mitigating Project impacts is assessed below. The precise wording of each measure is provided in Table 5 above.

MM BIO-1: Qualified Biological Monitor. A qualified biological monitor (Designated Biologists approved by CDFW) was present during all initial ground-disturbing and vegetation-disturbing activities that occurred during the fourth ASR reporting period. This measure ensured that Designated Biologists were present to implement protection measures for sensitive biological resources and to monitor for additional species in harm's way. This measure was effective as written during the fourth ASR reporting period and ensured that impacts to biological resources were avoided and minimized, wildlife encountered during Project activities were allowed to passively relocate or were relocated out of harm's way as needed, and sensitive biological resources were protected during Project activities.

MM BIO-2: Worker Education Program. A worker education program was prepared and delivered to all personnel that worked on the Project site during the fourth ASR reporting period. The worker education program included a PowerPoint presentation as well as educational handouts provided to each worker. This measure ensured that all personnel who worked on the Project during the fourth ASR reporting period were aware of the sensitive biological resources on the Project site, the measures required to protect those resources, and actions to take if those resources were encountered. The implementation of this measure provided for improved communication between Project personnel and the Designated Biologists to successfully protect biological resources during Project activities. This measure was effective as written during the fourth ASR reporting period.

MM BIO-3: Preconstruction Sensitive Wildlife Survey. Preconstruction surveys for sensitive wildlife species, (including sensitive herpetofauna and least Bell's vireo), were conducted in accordance with the measure during the fourth ASR reporting period. This measure was effective as written during the fourth ASR reporting period.

MM BIO-4: Preconstruction Nesting Bird Survey. In consultation with the Designated Biologist, LACPW opted not to install bird exclusionary measures prior to the start of the breeding bird season during the fourth ASR reporting period as it was determined that the measures would not be a feasible means of preventing bird nesting around the Project boundary. Preconstruction nesting bird surveys were conducted in accordance with the measure during the fourth ASR reporting period. Numerous active bird nests were identified during preconstruction nesting bird surveys as well as during biological monitoring duties. Appropriate avoidance buffers were established by the Designated Biologist to ensure that impacts to active bird nests were avoided. This measure was effective as written during the fourth ASR reporting period.

MM BIO-5: Preconstruction Bat Survey. Preconstruction bat surveys were conducted ahead of ISHB tree removal activities during the 2022 fourth quarter reporting period. Trees with potential

bat habitat were identified and, with the exception of one tree, all were avoided during ISHB tree removal activities. A nighttime emergence survey was conducted at the tree that required trimming and it was determined that no day-roosting bats were present. A Designated Biologist was also present during tree-trimming activities. No bats were observed during tree trimming. This measure ensured that impacts to roosting bats were avoided and minimized during Project activities. This measure was effective as written during the fourth ASR reporting period.

MM BIO-6: Restoration of Riversidean Alluvial Fan Sage Scrub Habitat. Restoration activities of Riversidean Alluvial Fan Sage Scrub (RAFSS) habitat were initiated during the first ASR reporting period and ongoing during the second, third, and fourth ASR reporting periods. The HRP was implemented during the fourth ASR reporting period. Phase 1 habitat restoration areas were planted and seeded during the first ASR reporting period and the As-Built Report for the Phase 1 areas was prepared following the completion of Phase 1 habitat restoration implementation during the second ASR reporting period. No restoration of RAFSS habitat was initiated during the fourth ASR reporting period and was not included as part of Phase 2 restoration activities. Restoration of the RAFSS habitat is proceeding according to the HRP except for herbicide use during nonnative plant removal. The Los Angeles County Board of Supervisors placed a moratorium on the use of glyphosate at all County facilities until further notice and the moratorium is still in place. Due to this moratorium, all nonnative and invasive plant removal beginning on March 19, 2019 was conducted by hand, which has considerably slowed down the onsite restoration process. Decisions should be made soon concerning if and when herbicide use may be resumed. Restoration activities within the onsite mitigation areas helped to restore native vegetative cover and wildlife habitat near Project impacts. Overall, this measure was effective as written during the fourth ASR reporting period.

MM BIO-7: City-Protected Tree Surveys. Preconstruction City-protected tree surveys were conducted prior to the initiation of Project activities at the Project site. The requirement to replace impacted and removed canopy for native tree species at a 1:1 ratio was an effective way to mitigate for Project impacts to native tree species. Planting these trees within the onsite mitigation areas helped to restore native vegetative cover and wildlife habitat near Project impacts. Because the Fremont's cottonwood and coast live oak container plants used during restoration efforts were much smaller than the trees removed during Project activities, significantly more trees were planted than were removed. In addition, the planting areas for the native trees were larger than the acreage of the removed and impacted canopies. This measure was effective as written during the fourth ASR reporting period.

MM BIO-8: Restoration and/or Enhancement of Riparian Habitats, Sensitive Natural Communities, and Jurisdictional Waters. Restoration activities of riparian habitats (i.e., mulefat thickets and black willow thickets), sensitive natural communities, and jurisdictional waters were initiated during the first ASR reporting period and ongoing during the second, third, and fourth ASR reporting periods. The HRP continued to be implemented in the fourth ASR

reporting period. Restoration of these habitats is proceeding according to the HRP except for herbicide use during nonnative plant removal. The Los Angeles County Board of Supervisors placed a moratorium on use of glyphosate at all County facilities until further notice and the moratorium is still in place. Due to this moratorium, all nonnative and invasive plant removal beginning on March 19, 2019 was conducted by hand, which has considerably slowed down the onsite restoration process. Decisions should be made soon concerning when herbicide use may be resumed. Restoration activities within the onsite mitigation areas help to restore native vegetative cover and wildlife habitat near Project impacts. Overall, this measure was effective as written during the fourth ASR reporting period.

5.3 Project-Related Incidental Take of the Covered Species

No Project-related incidental take of the Covered Species occurred during the fourth ASR reporting period.

5.4 Project Impacts on the Covered Species

No direct or indirect impacts on least Bell's vireo occurred during the fourth ASR reporting period. However, beneficial impacts to the least Bell's vireo habitat occurred as a result of the continued implementation of the HRP and completion of the installation of Phase 1 of the habitat restoration. The growth of native riparian plant species and removal of nonnative plant species has improved the habitat quality of the mitigation areas and will continue to improve the habitat as the plants mature. The habitat restoration activities have improved the habitat in the Phase 1 and Phase 2 mitigation areas as evidenced by the results described in the Phase 1 and Phase 2 annual monitoring reports.

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Appendix A – Quarterly Compliance Reports (Quarter 1 2022 through Quarter 4 2022)

Appendix B – CNDDDB Submissions of Least Bell’s Vireo Observations

Quarterly Compliance Reports (Quarter 1 2022 through Quarter 4 2022)

**Devil's Gate Reservoir Restoration Project
First Quarter Compliance Report
Activities Occurring Between January 2022 and
March 2022**

Submitted to:

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June 2022

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Appendix A: Least Bell's Vireo Breeding Season Survey Report 2022
Appendix B: Habitat Restoration Monitoring Logs

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the first quarter of 2022 (January through March). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

"The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 6.6 into a Quarterly Compliance Report during time periods when Initial Sediment Removal and Habitat Restoration activities have occurred. Quarterly Compliance Reports and a copy of the MMRP table with notes showing the current implementation status of each mitigation measure shall be submitted to CDFW's Regional Representative and Headquarters CESA Program."

This is the fourteenth report (Quarterly Compliance Report Number 14) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between January 1 and March 31, 2022.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, if Covered Activities are proposed during the least Bell's vireo (*Vireo bellii pusillus*) breeding season (defined as March 1 to September 15) "the Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Per Conservation Measure 11b of the USFWS Informal Section 7 Consultation, if sediment removal is conducted between March 15 and August 31 "twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

No sediment removal activities were conducted during the first quarter of 2022. As such, weekly breeding season focused least Bell's vireo surveys (per ITP Condition 7.3.4) were conducted beginning the first week of March 2022. A total of five focused breeding season least Bell's vireo surveys were conducted between March 1 and March 31, 2022 by Designated Biologists approved by CDFW and USFWS. Weekly least Bell's vireo surveys will continue during the second quarter of 2022. Table 1 shows the weekly focused least

Bell's vireo survey dates during the first quarter reporting period and the Designated Biologists that surveyed on each date.

Table 1. First Quarter 2022 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.	
Date	Designated Biologist
03/01/22	Lauren Simpson
03/11/22	Taylor Dee
03/17/22	Lauren Simpson
03/24/22	Lauren Simpson
03/31/22	Shannan Shaffer

No least Bell's vireos were observed or detected during the focused breeding season surveys during the first quarter of 2022. The least Bell's vireo breeding season survey report for March 2022 is included in Appendix A.

2.2 Biological Monitoring

Per Condition 6.6 in the ITP, "The Designated Biologist shall be on site daily when Covered Activities occur and when Covered Species are present, and weekly when Covered Species have potential to be present." Per Conservation Measure 10 of the USFWS Informal Section 7 Consultation "If construction occurs between September 1 to March 14 (outside of the vireo breeding and nesting season), a designated construction monitor will conduct twice weekly inspections of the project site."

No construction related activities (including site preparation for sediment removal or sediment removal activities) occurred during this reporting period. As such, no construction monitoring or inspections occurred during this reporting period.

Daily biological monitoring of restoration activities occurred whenever vegetation removal and/or plantings took place. Nesting bird season began towards the end of this reporting quarter and Designated Biologists began identifying active bird nests on the Project site and implementing appropriate no-work buffers around nests identified during the surveys. Table 2 shows Project working dates and the biological monitors that were present on each date.

Table 2. Monitors Onsite During Work Days.	
Date	Restoration Monitors
01/03/22	Dawn Garcia
01/04/22	Dawn Garcia, Lela Updegrave
01/05/22	Lela Updegrave, Scott Werner
01/06/22	Lela Updegrave, Michael Walsh
01/07/22	Lela Updegrave, Michael Walsh
01/10/22	Lela Updegrave, Michael Walsh
01/11/22	Lela Updegrave, Michael Walsh
01/12/22	Kristen Klinefelter, Amy Plesetz
01/13/22	Lela Updegrave, Michael Walsh
01/14/22	Lela Updegrave, Michael Walsh
01/17/22	Lela Updegrave, Michael Walsh
01/18/22	Lela Updegrave, Michael Walsh
01/19/22	Lela Updegrave, Scott Werner
01/20/22	Dawn Garcia, Lela Updegrave

Devil's Gate Reservoir Restoration Project
First Quarter 2022 Compliance Report

Table 2. Monitors Onsite During Work Days.	
Date	Restoration Monitors
01/21/22	Dawn Garcia, Kristen Klinefelter
01/24/22	Lela Updegrave, Michael Walsh
01/25/22	Lela Updegrave, Michael Walsh
01/26/22	Amy Plesetz, Kristen Klinefelter
01/27/22	Lela Updegrave, Michael Walsh
01/28/22	Lela Updegrave
01/31/22	Lela Updegrave
02/01/22	Dawn Garcia, Lela Updegrave
02/02/22	Kristen Klinefelter, Michael Walsh
02/03/22	Michael Walsh, Scott Werner
02/04/22	Lela Updegrave, Michael Walsh
02/07/22	Lela Updegrave, Michael Walsh
02/08/22	Lela Updegrave, Michael Walsh
02/09/22	Lela Updegrave, Amy Plesetz
02/10/22	Lela Updegrave, Michael Walsh
02/11/22	Kristen Klinefelter
02/14/22	Lela Updegrave, Michael Walsh
02/15/22	Lela Updegrave, Michael Walsh, Scott Werner
02/16/22	Lela Updegrave, Margie Pfeffer, Scott Werner
02/17/22	Kristen Klinefelter, Michael Walsh, Scott Werner
02/18/22	Lela Updegrave
02/21/22	President's Day
02/22/22	Amy Plesetz, Dawn Garcia, Lela Updegrave, Michael Walsh
02/23/22	Amy Plesetz, Lela Updegrave
02/24/22	Lela Updegrave, Michael Walsh
02/25/22	Kristen Klinefelter, Margie Pfeffer, Michael Walsh
02/28/22	Margie Pfeffer, Lela Updegrave, Michael Walsh
03/01/22	Lela Updegrave, Michael Walsh, Scott Werner
03/02/22	Lela Updegrave, Scott Werner
03/03/22	Lela Updegrave, Margie Pfeffer, David Torfeh
03/04/22	Kristen Klinefelter
03/07/22	Amy Plesetz, Dawn Garcia, Lela Updegrave
03/08/22	Dawn Garcia, David Torfeh, Lela Updegrave
03/09/22	Kristen Klinefelter, Margie Pfeffer, Scott Werner
03/10/22	Lela Updegrave, Michael Walsh, Scott Werner
03/11/22	Lela Updegrave, Margie Pfeffer
03/14/22	Amy Plesetz, Lela Updegrave, Michael Walsh
03/15/22	Amy Plesetz, Lela Updegrave, Michael Walsh
03/16/22	Michael Walsh, Scott Werner, Lela Updegrave
03/17/22	Michael Walsh, Scott Werner, Lela Updegrave
03/18/22	Michael Walsh, David Torfeh, Kristen Klinefelter
03/21/22	Amy Plesetz, Dawn Garcia, Lela Updegrave
03/22/22	Amy Plesetz, Dawn Garcia, Lela Updegrave
03/23/22	Lela Updegrave, Margie Pfeffer, Scott Werner
03/24/22	Lela Updegrave, Margie Pfeffer, Scott Werner
03/25/22	David Torfeh, Kristen Klinefelter, Margie Pfeffer
03/28/22	No Work – Weather
03/29/22	Amy Plesetz, Dawn Garcia, Lela Updegrave
03/30/22	Lela Updegrave, Margie Pfeffer, Scott Werner
03/31/22	Michael Walsh, Scott Werner, Kristen Klinefelter
No construction monitoring occurred because no construction activities occurred during the first quarter 2022 reporting period.	

The Project and restoration activities conducted during this quarter are summarized in the sections below.

2.3 Project Activities

No construction related Project activities were conducted onsite during the first quarter 2022 reporting period.

2.4 Habitat Restoration Activities

The following habitat restoration activities were conducted onsite during this reporting period:

- Restoration activities continued from January 3, 2022 through March 31, 2022.
- Low-growing non-native plants (including perennial pepperweed [*Lepidium latifolium*], black mustard [*Brassica nigra*], horseweed [*Erigeron canadensis*], wild radish [*Raphanus sativus*], poison hemlock [*Conium maculatum*], hairy bittercress [*Cardamine hirsuta*], ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], shepherd's purse [*Capsella bursa-pastoris*], shortpod mustard [*Hirschfeldia incana*], Italian thistle [*Carduus pycnocephalus*], red stemmed filaree [*Erodium cicutarium*], chickweed [*Stellaria media*], dwarf nettle [*Urtica urens*], California burclover [*Medicago polymorpha*], sweet clover [*Melilotus indicus*], dead nettle [*Lamium purpureum*], tree tobacco [*Nicotiana glauca*], giant reed [*Arundo donax*], Russian thistle [*Salsola tragus*], sow thistle [*Sonchus oleraceus*], milk thistle [*Silybum marianum*], knotweed [*Polygonum* sp.], hedge mustard [*Sisymbrium officinale*], lambs quarters [*Chenopodium album*], and annual fescue [*Fetuca myuros*], were removed from the DG-1, DG-2, DG-2B, DG-W-2 Mining Pit Outlet, DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 drainage, DG-5, mining pit, Johnson field, DG-7, and DG-8 onsite restoration areas by hand pulling and using small hand tools, shovels, tarps, weed whips, hula hoes, and rakes. A line trimmer was also utilized when appropriate. Trees felled during high winds were processed using a chainsaw. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Grading was undertaken with a skid steer, mini bulldozers, and an excavator in DG-4 WOUS in preparation for plantings. An excavator was also used to de-compact the tire wash area.
- Red willow (*Salix laevigata*) stakes and mulefat (*Baccharis salicifolia*) cuttings were collected in DG-4 using hand tools. Willow and mulefat cuttings were harvested and installed according to the Final Habitat Restoration Plan for the Project and Permit PW-11-19.
- Irrigation systems were installed in DG-4A, DG-4-WOUS, and at the tire wash.

Habitat restoration monitoring logs for this quarter detailing daily activities are included in Appendix B.

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from April 1, 2022 to June 30, 2022.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 4 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	No initial ground- or vegetation-disturbing construction related activities occurred during the 2022 first quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2022 first quarter reporting period. See Table 2 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2022 first quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 - 5/19/20, 3/17/21-3/26/21	No construction ground-disturbing activities occurred during the first quarter of 2022. As such, no preconstruction surveys for sensitive wildlife species took place during the first quarter of 2022.
MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20, 3/1/21 - 4/16/21	No construction ground-disturbing activities occurred during the first quarter of 2022. As such, no preconstruction surveys for nesting birds took place during the first quarter of 2022.
MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>							surveys related to this measure were required during the 2022 first quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2022 first quarter reporting period.

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> o Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, o Add soil amendments if problem soils may be inhibiting plant growth, o Replant if plant survival is low or to increase plant species cover or diversity, o Install different plant species for plant species that are not surviving, and o Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> • Conduct Tree Survey • Identify and Protect Oak Tree Root Zones • Identify/Map Mitigation Sites • Prepare Habitat Restoration Plan • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2022 first quarter reporting period.
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural</p>	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2022 first quarter reporting period.

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, Add soil amendments if problem soils may be inhibiting plant growth, Replant if plant survival is low or to increase plant species cover or diversity, Install different plant species for plant species that are not surviving, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring 	<ul style="list-style-type: none"> Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<ul style="list-style-type: none"> Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 					

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
reports until the established performance standards are achieved. <ul style="list-style-type: none"> • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. • Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

*The Implementation and Monitoring phases are broken down into four categories: Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; and Reservoir Management. "Final Plans and Specifications" indicates that the mitigation measure must be incorporated into the final approved design, plans, and specifications for the project. "Pre- Sediment Removal" refers to measures that are required prior to the start of the sediment removal phase. "Sediment Removal" refers to all aspects of the Sediment Removal phase. "Reservoir Management" refers to all aspects of the Reservoir Management phase.

LIST OF APPENDICES

Appendix A – Least Bell's Vireo March 2022 Breeding Season Survey Report

Appendix B: Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo March 2022 Breeding Season Survey Report

April 7, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: March 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in March 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Five focused breeding season surveys for least Bell’s vireo were conducted during March 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell’s vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
3/1/22	LS	0645	1045	46	80	0	0	0-3	0-3
3/11/22	TD	0600	1100	47	71	0	0	0-1	0-1
3/17/22	LS	0730	1100	46	73	0	15	0-3	0-2
3/24/22	LS	0645	1100	63	79	0	0	0	0-3
3/31/22	SS	0651	1025	59	61	100	100	0-1	0-1

LS = Lauren Simpson, SS = Shannan Shaffer, TD = Taylor Dee

No least Bell’s vireos were detected during the March 2022 breeding season surveys. Brown-headed cowbirds were not observed during the March 2022 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell’s vireo conducted in March 2022 did not detect least Bell’s vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 
 Lauren Simpson
 Staff Biologist
 ECORP Consulting, Inc.
 2861 Pullman Street
 Santa Ana, CA 92705

DATE: April 7, 2022

Attachments:

Attachment A: Survey Datasheets

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil’s Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 03/01/2022 11:43 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46°F	0-3 MPH	0 %
End of Day	10:45	80 °F	0-3 MPH	0 %

Date Observed

March 1, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

ACWO, CALT, MODO, OATI, LEGO, DEJU, WCSP, CASJ, BEWR, CORA, SOSP, ANHU, WREN, SPTO, RCKI, NUWO, EUST, HOFI, CAQU, NOFL, cottontail, BUSH, CA ground squirrel, YRWA, CATH, KILL, SAPH, RTHA, MALL, AMCO, western fenced lizard, ALHU, mole, RNDU, RUDU, BUFF, STJA, WTSW, NRWS, BLPH, WEBL, side blotched lizard, NOMO, CAKI

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor DeeS
Submitted Time: 03/11/2022 12:18 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	47°F	0-1 MPH	0 %
End of Day	11:00	71 °F	0-1 MPH	0 %

Date Observed

March 11, 2022

Observer Name

Taylor Dee

Other Observers (if present):

Joshua Harris

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Restoration crews working within restoration sites. Edison biologists were observed surveying for a powerline road southwest of restoration work area.

Incidental Species Observed

CATH, ALHU, SPTO, CALT, WEBU, NOFL, ACWO, CASJ, WREN, MODO, LEGO, OATI, NOFL, YRWA, AMCO, CORA, SOSP, Patriot sp, CAQU, ANHU, BEWR, EUST, HOFI, NOMO, RTHA, CAKI, RSHA, MALL, CITE, RNDU, GRRO, NUWO, BUSH, DEJU, NRWS, WTSW, Desert cottontail, ground squirrel, western fence lizard,

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 03/17/2022 1:31 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	46°F	0-3 MPH	0 %
End of Day	11:00	73 °F	0-2 MPH	15 %

Date Observed

March 17, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

added ANHU-07 and -08 to map

Incidental Species Observed

MODO, EUCD, CASJ, WCSP, CALT, NUWO, ACWO, WEBL, SOSP, SPTO, COYE, DEJU, ANHU, AMCR, NOMO, EUST, CAQU, YRWA, BEWR, HOFI, BUSH, Fox squirrel, parrots, LEGO, PSFL, COHA, GHOW, OATI, KILL, RCKI, WTSW, NRWS, AMCO, RUDU, RNDU, MALL, CORA, ALHU, western fence lizard, skunk, RTHA, NOFL, CATH, cottontail, GBHE, CA ground squirrel, BLPH

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 03/24/2022 10:32 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63°F	0 MPH	0 %
End of Day	11:00	79 °F	0-3 MPH	0 %

Date Observed

March 24, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

calt, wcsp, casj, oati, acwo, lego, amcr, hofi, cang, deju, modo, nomo, coye, spto, caqu, sosp, parrots, anhu, bewr, nofl, rcki, cottontail, cath, lago, alhu, yrwa, bush, nuwo, bggn, webl, amro, hosp, swth, psfl, kill, cite, mall, rudu, rnu, skunk(scent), eust, nrws, stja, ropi, caki, coha, cora, western fence lizard, side blotched lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan ShafferS
ubmitted Time: 03/31/2022 10:28 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:51	59°F	0-1 MPH	100 %
End of Day	10:25	61 °F	0-1 MPH	100 %

Date Observed

March 31, 2022

Observer Name

Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

ACWO, CAQU, NOMO, LEGO, HOFI, BUSH, CASJ, SOSP NRWS, COHA, KILL, NUWO, COYE, SPTO, BEWR, desert cottontail, parrots, MODO, CATH, RNDU, RUDU, AMCO, YRWA, CANG

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 3, 2022, 4:15:09 PM

Date of Log

Jan 3, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

37

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Crew of 9 Natures Image plus Foremen Daniel and Didier. Hand tools, hula hoes. Weed removal

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RSHA, SPTO, OATI, CATH, WCSP, SOSP, PARROTS, CANG, WODU, AMWI, MALL, AMCO, CAQU, MODO, ANHU, RTHA, ACWO, NUWO, AMKE, BLPH, CAKI, STJA, CSJA, CORA, OATI, BUSH, RCKI, WBNU, BEWR, HETH, HOFI, LEGO, ORJU, LISP, CALT, YRWA.

Did You observe any Non-Compliance Issues?

No

Log Entry

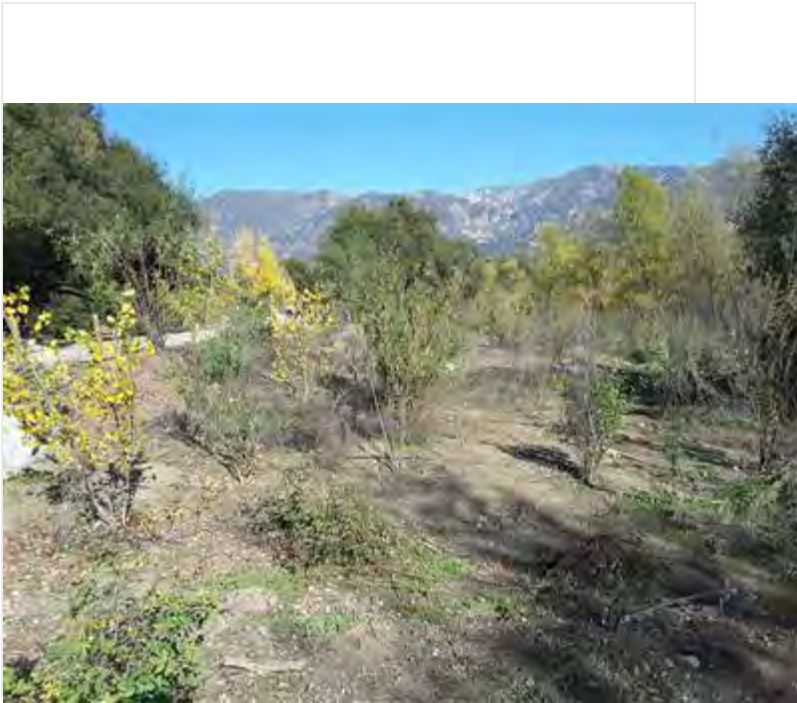
0645 met with crew and moved to mining pit area due to flooding on the south side. We walk through site DG-4C and identify mostly pepperweed, erodium and hemlock to remove, and phacelia to avoid. 0745: sun comes up and warming up west side of mining pit site where crew is working DG-4C. Ground and plants are frosted. 0830 I walk south through site to see rain impact. The mining pit channel is flooded about 100' south of the mining pit to the dam. is flooded and some erosion has occurred. 5 mallards land in the channel. 900 I am down at the end of the dam, the mitigation site is flooded from about 1/2 way south of the mining pit, it looks like a swamp. They are not releasing water and water is still entering upstream. Lots of veg is inundated. After lunch the crew moves down to the mining pit which is damp but not pooled. 1130 I walk north to check out the rest of the site. Lots of people playing in the inflow water. Baccharis seedings in basin. Plants look good. Equal amount of natives and non (pepperweed) groundcover. 1415: Crew stops weeding and hauls to dumpster.

Photo 1



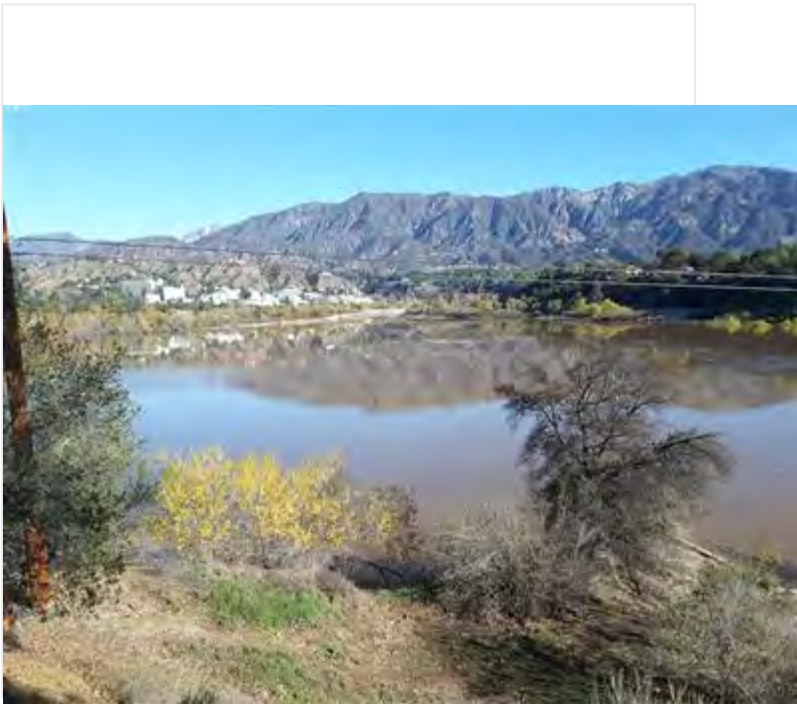
DG-4A_west_of_mining_pit_looking_N_pre_weeding.jpg

Photo 2



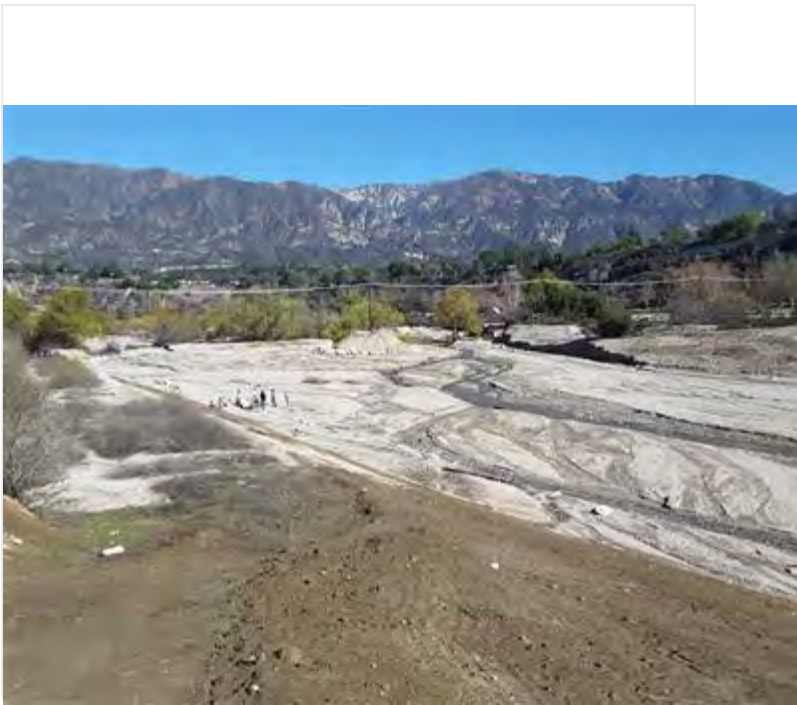
Post_weeding_looking_N.jpg

Photo 3



Flooded_reservoir_and_mitigation_site_from_south_end_look...

Photo 4



Continued_inflow_from_runoff_into_reservoir_looking_N_from...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

66

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

20

Additional Comments

CATH countersinging throughout day. All waterfowl in flooded area, mitigation site amongst trees.

Signature

A handwritten signature in black ink, appearing to read "A. D. ...", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220104-000538.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 4, 2022, 2:04:49 PM

Date of Log

Jan 4, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

37

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

5

Construction Activity and Personnel

Natures image, Didier is foreman today. Crew of 9, focusing on pepperweed and mustard removal using hand tools, hula hoes and tarps.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

AMWI, MALL, ANHU, AMCO, RTHA, RSHA, ACWO, NOFL, AMKE, SAPH, CAKI, STJA, OATI, BUSH, WREN, RCKI, WBNU, BEWR, CATH, NOMO, WEBL, HETH, HOFI, LEGO, ORJU, WCSP, SOSP, LISP, CALT, SPTO, YRWA, NUWO.

Did You observe any Non-Compliance Issues?

No

Log Entry

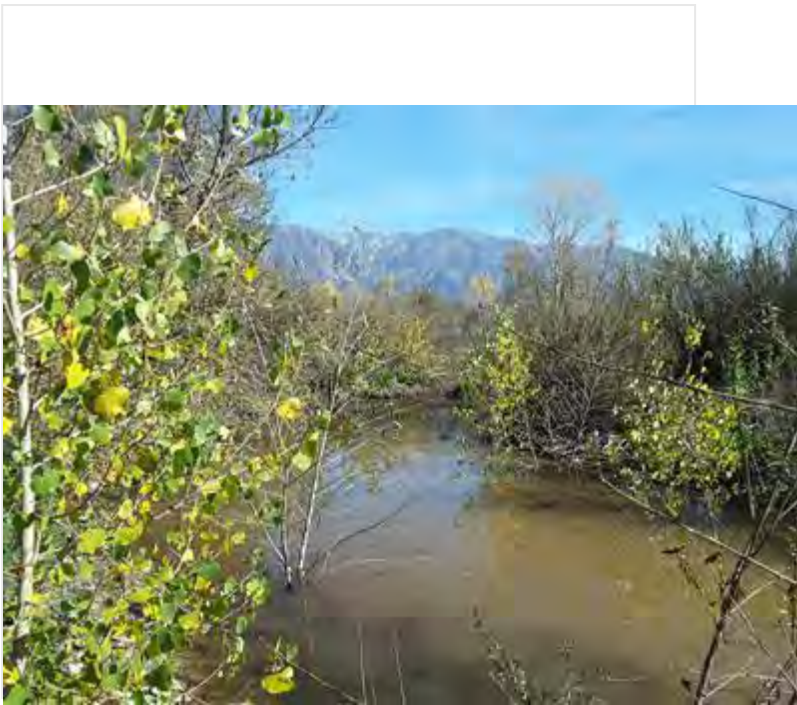
0645 crew meets and goes to north end of the site in DG-4 to remove frosty weeds. Will plan to move downslope as the sun thaws out the plants. 0800 crew continues to work on DG-4 throughout the morning, now removing mostly brassica and erodium patches. Some nice patches of phacelia here. 900 I walk down to south side of project. About a foot of water has receded but same area still flooded throughout mitigation site. 1130 crew moves east along bench and north slope of mining pit, continues for the rest of the day. 1400: crew finishes weeding. They have to haul weeds to dumpsters, battery died in truck. Found a patch of agapanthus lily, pointed out for removal.

Photo 1



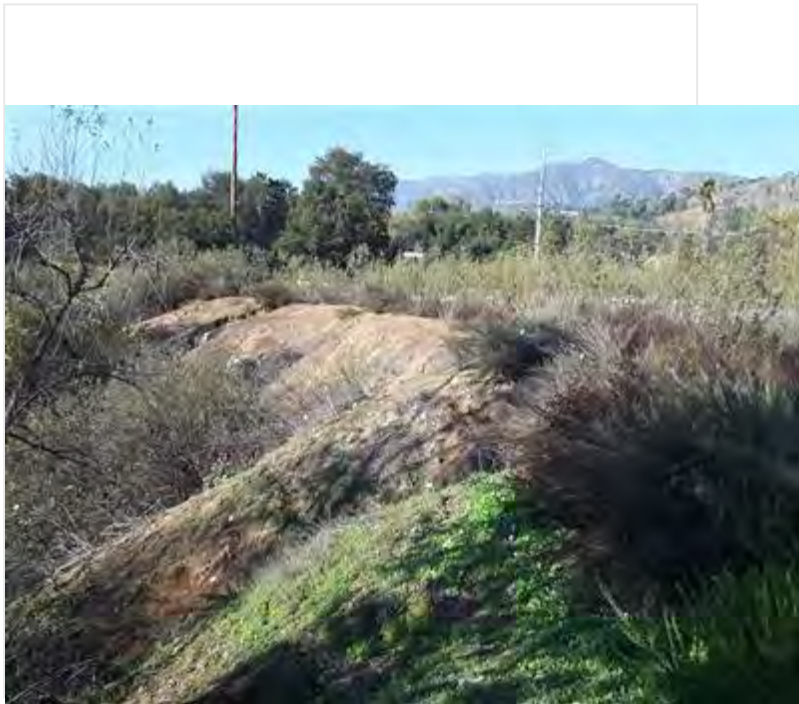
Crew_working_on_n_mining_pit_slope_looking_west.jpg

Photo 2



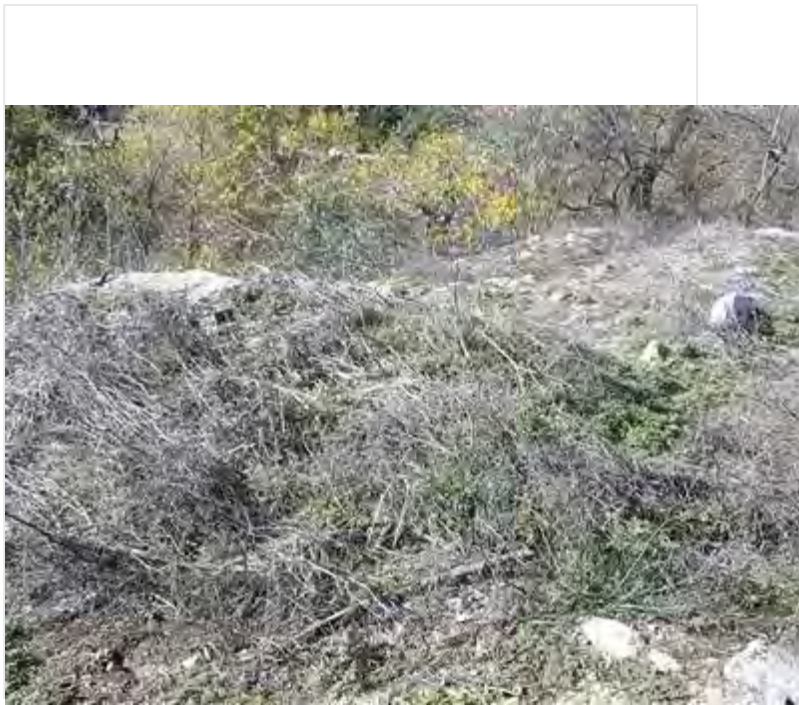
Example_of_flooding_mid-channel_mitigation_site_looking_n....

Photo 3



DG-4_north_bench_mining_pit_cleared_of_mustard.jpg

Photo 4



Phaceli_patches_in_DG-4_N_of_mining_pit_and_western_fe...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

60

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

5

Additional Comments

Met Keith and Wayne from LA public works. They are removing the woody debris from the lake to prevent clogging at the outlet and then will drop the levels, probably next week. Saw a pair of RTHA (courtship behavior) and RSHA in mitigation site. CATH countersinging in north area. Birds very active both days since rain and inundation, foraging for bugs.

Signature

A handwritten signature in a cursive script, appearing to read "Dunne". The signature is contained within a rectangular frame.

signature-20220104-213719.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 4, 2022, 3:40:07 PM

Date of Log

Jan 4, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

18:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 8 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI BGGN MALL CAGO ANHU

Mammals: Coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Main target species include: mustard, pepper weed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work on DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1445: Crew stops work for the day and brings last load to dumpster.

Photo 1



Crew_DG2_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

62

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "H. L. ...", enclosed within a thin black rectangular border. The signature is written in a cursive style with a large initial letter.

signature-20220104-233958.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 5, 2022, 3:13:15 PM

Date of Log

Jan 5, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: WCSP LCPA NOMO SNEG BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI BGGN MALL CAGO ANHU OATI

Reptiles: Side-blotch lizard, western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew works in DG-2. Main target species include: mustard, pepper weed and poison hemlock.

0900: Crew takes a break.

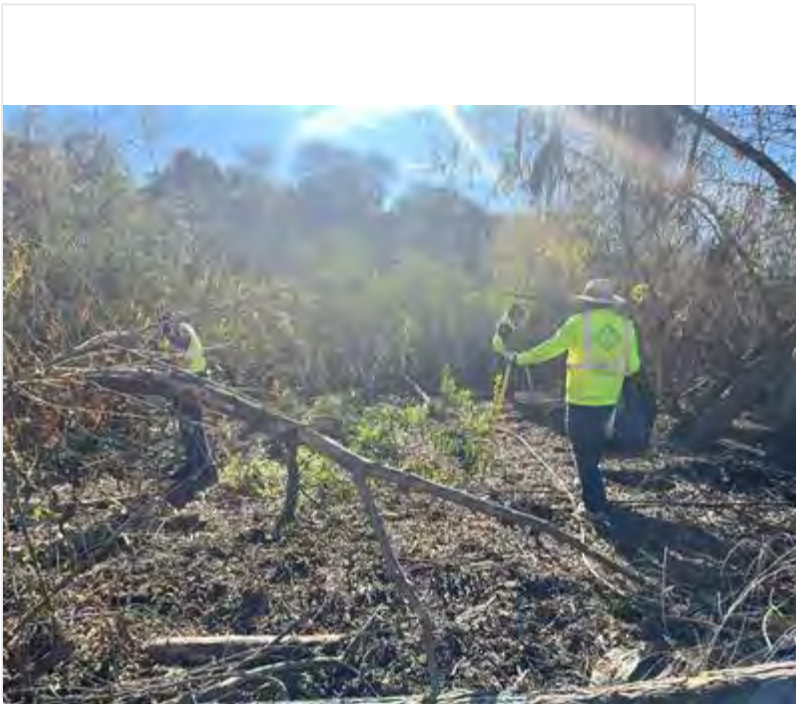
0915: Crew returns to work on DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1445: Crew stops work for the day and brings last load to dumpster.

Photo 1



Crew_DG-2_facingE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John [unclear]". The signature is written in a cursive style and is centered within a white rectangular box.

signature-20220105-213524.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 5, 2022, 2:21:07 PM

Date of Log

Jan 5, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

47

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 9 incl Daniel Holmes, but Daniel was out sick yesterday and left right away today. So, crew of 8 with Didier Ramos supervising. Working west side as usual. Didier left at 1100 for doctor appointment; unknown if he returned before 15:00.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CANG, CORA, RCPA, WREN, CATH, CALT, CASJ, BGGN, WCSP, fresh Botta pocket gopher mounds, NOFL, BEWR, bobcat tracks, ANHU, CAKI, AMKE, CAQU, side-blotched lizard, k-rat burrows(?), RCKI

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew heads up to coastal sage scrub area by north parking lot. DG-4 and DG-4A. Using rakes and weeding tools on fresh sprouts of mustard, filaree, clover, bromes, hemlock, etc. Reservoir has a lot of water after recent rains, a very unusual sight. Around 0930 Tom Sawyer day camp group comes through rope fence to walk through site on a worn trail. I was unsure about public access here but Didier says it's okay if they avoid the installed plants. 1130 after lunch, crew keeps working in same area. Didier had to leave, possibly for the rest of the day, for a doctor appointment and put Ed and Alex in charge. ID of suspected Indian plantain (*Plantago arenaria*) sprouts still not clear; crew is leaving them for now. It certainly does not resemble California plantain, *Plantago erecta*. I briefly checked out lake level and the natural DG-4 drainage is flooded, along with some of the DG-W-2 Mining Pit Outlet. Daniel said the 'primrose' site in the south is flooded. Crew is done pulling at 2:00.

Photo 1



photo_1_DG-4_handpulling_facingE.jpg

Photo 2



photo_2_DG-4_handpulling_mustard_sprouts_facingSW.jpg

Photo 3



photo_3_DG-4_DG-4A_after_hand_pulling_facingW.jpg

Photo 4



photo_4_DG-4A_after_hand_pulling_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'SM', is centered within a white rectangular box. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

signature-20220105-221808.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 6, 2022, 3:15:38 PM

Date of Log

Jan 6, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BUSH SAPH OATI LEGO

Reptiles: Side-blotch lizard, western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0655: Crew works in Johnson field. Main target species include: mustard, pepper weed, Erodium and poison hemlock. Crew clears basins of plantings after rain events.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field. Many CATH singing territorially.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1445: Crew stops work for the day and brings last load to dumpster.

Photo 1



Crew_JohnsonField_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'L'.

signature-20220106-212408.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 6, 2022, 5:57:38 PM

Date of Log

Jan 6, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

Natures image crew of 10 hand pulling weeds in DG-4, DG-4A, DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CORA, CAGO, RCPA, SPTO, BEWR, CATH, WCSP, NOFL, CASJ, SOSP, CALT, AMCR, KILL, GRRO, ANHU, BRBL, YRWA, RCKI, EUCD, ACWO, MALL, AMWI, RNDU, HOFI, COHU, RTHA, MOCH, OATI, LEGO, BLPH, SSHA, RSHA, CAKI, BUSH, TUVU, SAPH, western fence lizard, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645: arrived on site, scouted work area with foreman. 0655: monitored vegetation clearing in an area near the large pile of dirt on the north side of the site comprised of DG-4, DG-4 WOUS, DG-4A. Crew primarily targeted mustard and Conium. Work areas were open patches between Salix and Baccharis groves, small patches of Phacelia nearby, which crew is very familiar with by now, but otherwise no natives. 0900: surveyed the south end of the site to roughly map out the northern border of the flooded areas while crew continued work. Noted very high waterfowl density in flooded Salix woodlands. 0930: resumed monitoring vegetation clearing. Crew continued similar work. 1300: took bi-weekly photo points of the site. 1415: crew began working on cleanup while I inspected the site and took photos.

Photo 1



photo_1-pre_weed_pulling_DG-4_facingS.jpg

Photo 2



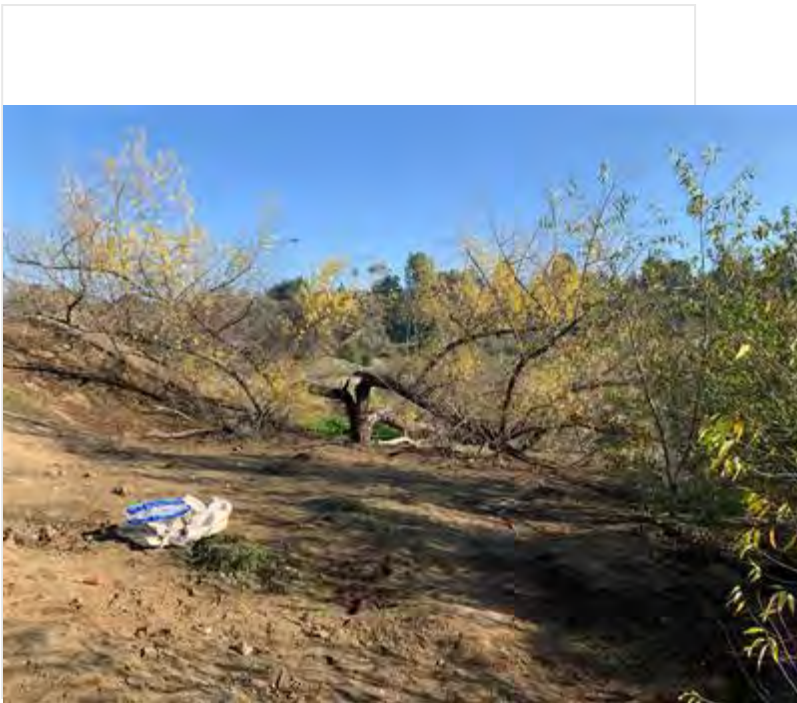
photo_2-post_weed_pulling_DG-4_facingS.jpg

Photo 3



photo_3-pre_weed_pulling_DG-4_facingE.jpg

Photo 4



photo_4-post_weed_pulling_DG-4_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. H. V. A. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220106-175654.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 7, 2022, 3:46:20 PM

Date of Log

Jan 7, 2022

Monitor/Biologist

Lela Updegrave

Company

Stillwater

Starting Time

18:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BUSH
SAPH OATI BLPH RTHA**

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0655: Crew works in Johnson field. Main target species include: mustard, pepper weed, Erodium and poison hemlock. Crew clears basins of plantings after rain events.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1445: Crew stops work for the day.

Photo 1



Crew_weed_removal_JohnsonField_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

62

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

70

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Lela Upkey", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal flourish at the end.

signature-20220107-210629.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 7, 2022, 3:29:42 PM

Date of Log

Jan 7, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 hand pulling weeds in DG-4 and DG-4A on the north side of the site.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, RCPA, EUCD, CORA, AMCR, EUST, ACWO, LEGO, WREN, COHU, SOSP, CASJ, CALT, CAGO, KILL, NOFL, BEWR, SPTO, RCKI, ANHU, ALHU, YRWA, WCSP, WEBL, DEJU, OATI, WBNU, BUSH, MALL, AMCO, AMWI, RUDU, WODU, RNDU, TUVU, PUFU, MODO, BLPH, NUWO, California ground squirrel, fox squirrel, STEJ, RTHA, BHCO, WTSW, SAPH, Western fence lizard, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

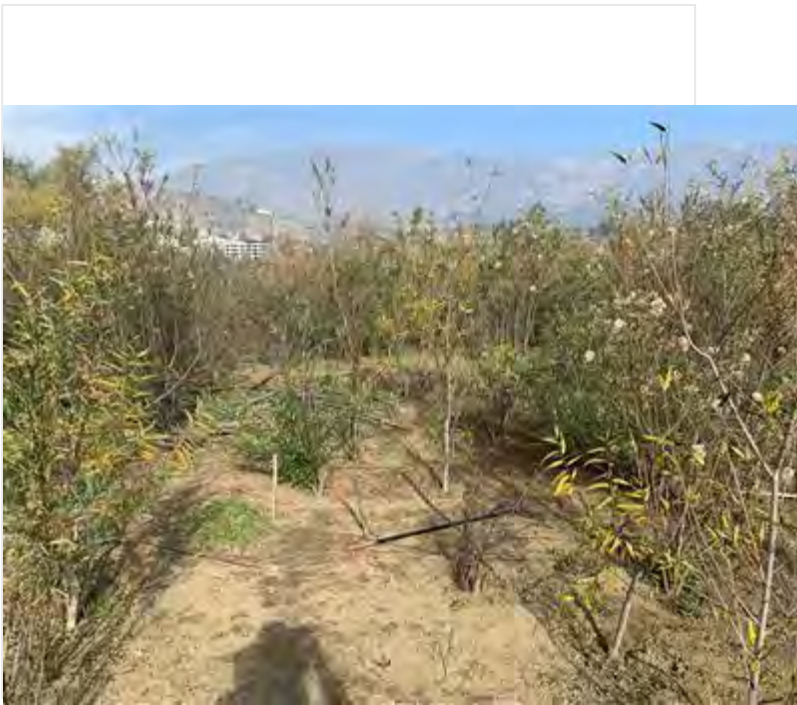
0645: surveyed work area and took photos. 0655: monitored vegetation clearing in DG-4 and DG-4A. Crew was working in a large patch of planted mulefat on the north side adjacent to the large dirt pile. Primary targets were mustard and and poison hemlock, with scattered Phacelia and Escholtzia seedlings that the crew was advised to avoid. Crew progressed northward for the day. High avian species richness and activity, possibly due to water level. 1000: photographed fence and LBVI signage. 1300: observed a brownheaded cowbird on the north side in the CSS portion of DG-4. 1445: crew began wrapping up pulling while I inspected the site.

Photo 1



photo_1-pre_veg_pulling_DG-4A_facingN.jpg

Photo 2



photo_2-post_veg_pulling_DG-4A_facingN.jpg

Photo 3



photo_3-pre_veg_pulling_DG-4_facingNE.jpg

Photo 4



photo_4-post_veg_pulling_DG-4_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

59

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

70

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "M. K. H. H.", is centered within a white rectangular box. The signature is stylized and somewhat illegible.

signature-20220107-152904.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 10, 2022, 5:11:37 PM

Date of Log

Jan 10, 2022

Monitor/Biologist

Lela Updgrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

90

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: LCPA WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BUSH SAPH OATI BLPH

Reptiles: Side-blotch lizard, western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew works in Johnson field. Main target species include: mustard, pepper weed, Erodium, tree tobacco and poison hemlock. Crew clears basins of plantings after rain events.

0800: Crew finds mouse nesting in valve box. Biologist determines the valves can still be turned on without disturbing the nest.

0830: Biologist finds evidence of Canada goose kill, likely predated by coyote.

0900: Crew takes a break.

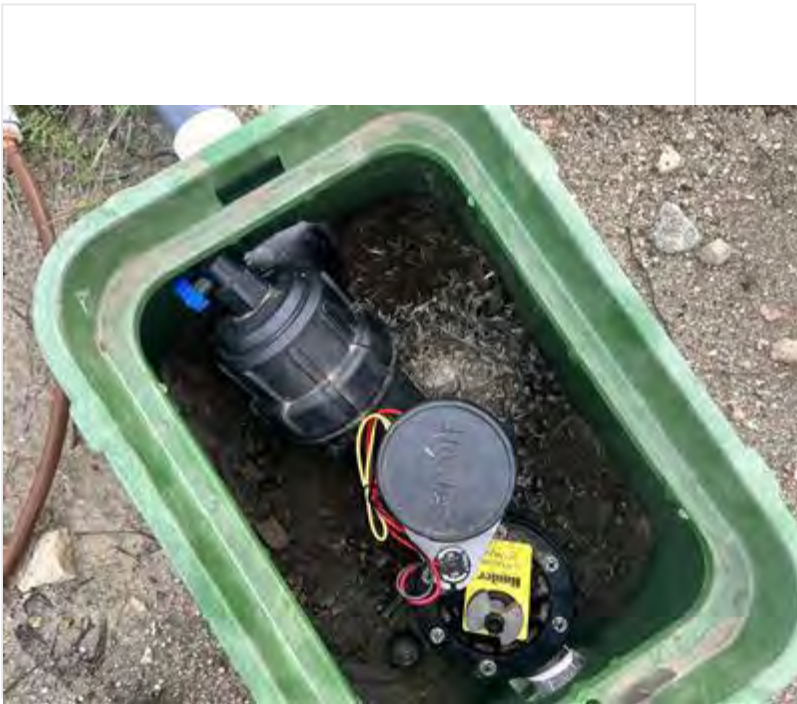
0915: Crew returns to work on Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

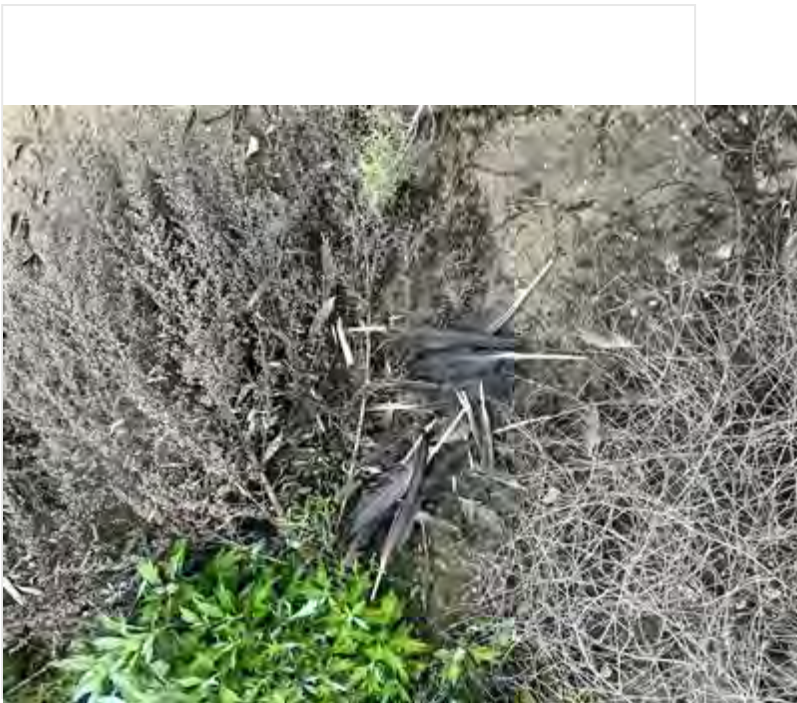
1445: Crew stops work for the day.

Photo 1



Mouse_nest_JohnsonField.JPG

Photo 2



Canada_goose_remains_JohnsonField.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

69

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

85

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "John Updegraff".

signature-20220110-215602.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 10, 2022, 3:32:15 PM

Date of Log

Jan 10, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

70

Construction Activity and Personnel

Natures image crew of 10 hand pulling weeds in DG-4 and DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NUWO, AMCR, CALT, BEWR, SPTO, CATH, EUST, coyote, RTHA, ANHU, MALL, NOFL, ACWO, CASJ, CAQU, desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645: arrived onsite, county had not yet opened the gate west of the main parking lot (it is usually opened daily at 5:00 am and we don't have a key), so we waited for them to come after contacting them. 0710: monitored vegetation clearing in DG-4, DG-4A. Crew was still working in the large planted baccharis woodland next to the dirt pile on the far north side. Primary targets were mustard and poison hemlock, with scattered Erodium and sweet clover starting to show up. Natives that were avoided include Phacelia, telegraph weed, and Cammisoniopsis sp. 1245: observed CASJ foraging in freshly exposed dirt within 10 feet of crew. 1435: crew finished up pulling and worked on tarping while I inspected the site.

Photo 1



photo_1-pre-weeding_DG-4A_facingN.jpg

Photo 2



photo_2-post-weeding_DG-4A_facingN.jpg

Photo 3



photo_3-pre-weeding_DG-4A_facingE.jpg

Photo 4



photo_4-post-weeding_DG-4A_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

70

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. A. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220110-153131.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 11, 2022, 5:13:46 PM

Date of Log

Jan 11, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BUSH SAPH OATI RTHA MODO NOFL

Reptiles: Side-blotch lizard, western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0650: Safety tailgate.

0655: Crew works in Johnson field. Main target species include: mustard, pepper weed, Erodium, tree tobacco and poison hemlock. Crew clears basins of plantings after rain events.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

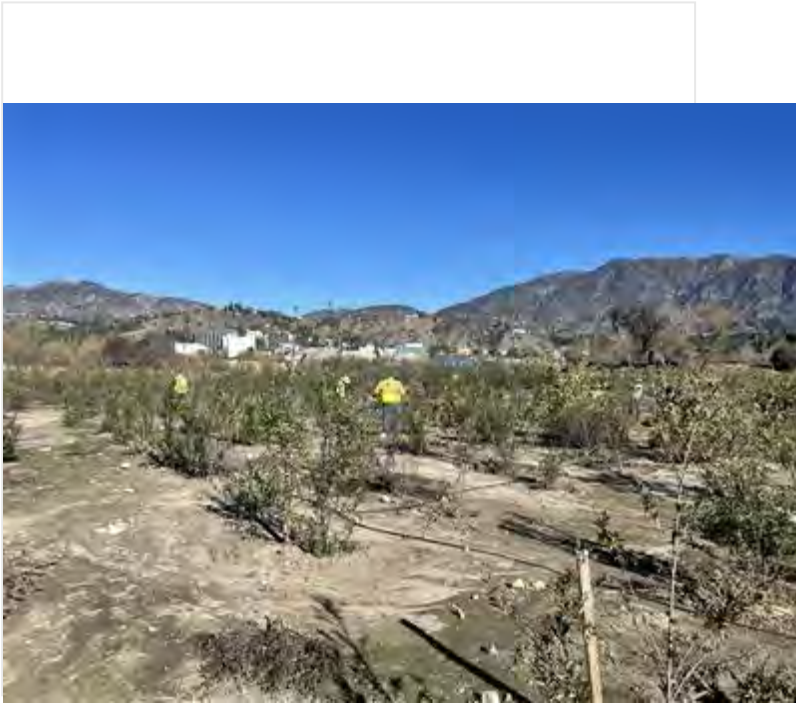
1100: Crew finishes the basins in Johnson Field and moves to DG-2 to the west, targeting poison hemlock.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1445: Crew stops work for the day.

Photo 1



Crew_JohnsonField_facingNW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

0-3

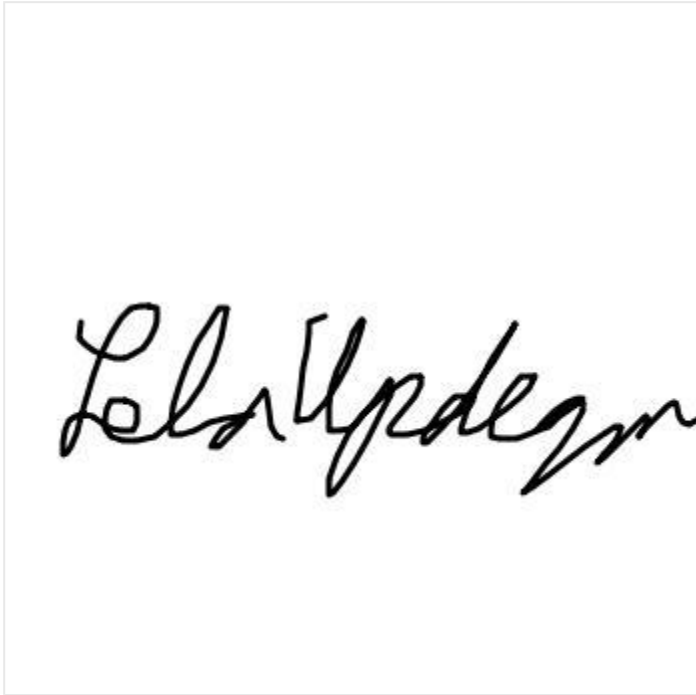
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive, flowing style.

signature-20220112-011330.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 11, 2022, 6:49:50 PM

Date of Log

Jan 11, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 12 hand pulling weeds in DG-4 near the northern parking lot.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, EUST, AMCR, COHU, ANHU, EUCD, HOFI, NOFL, RTHA, WREN, CALT, KILL, CORA, CANG, SPTO, NOMO, CASJ, CAQU, AMKE, PEFA, western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

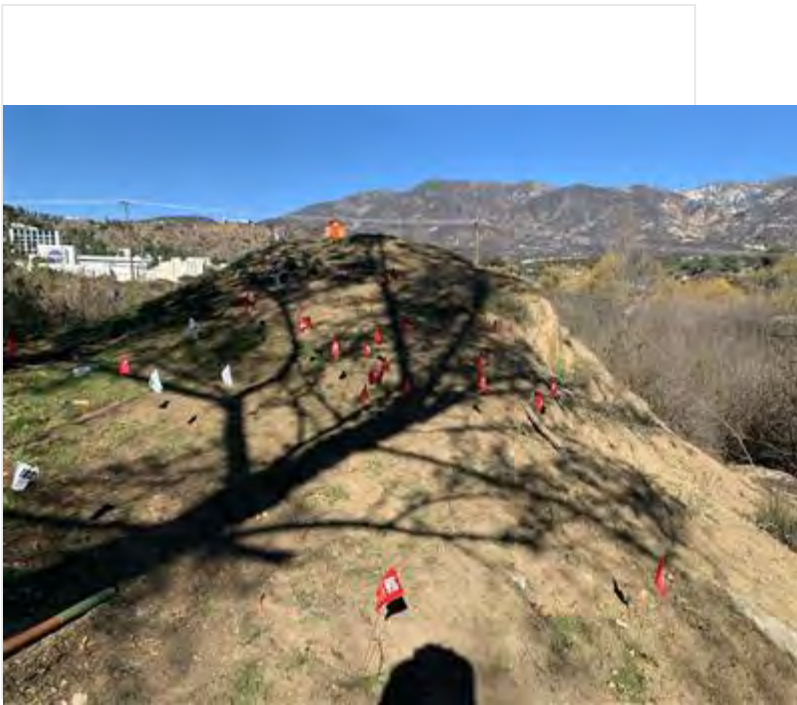
0645: WEEP trained a new employee. 0700: monitored vegetation clearing in DG-4. Crew was finishing up the northernmost planted area containing Salix woodland alliance plants. Work area was extensively flagged for native plants to avoid, including Phacelia spp. and Camissoniopsis sp. targets included poison hemlock hemlock and mustard. 1216: Peregrine falcon flew east over the site, seen near the northern parking lot. Juvenile plumage; likely the same individual which has previously been seen on the site. 1230: surveyed northern coastal sage scrub areas of site for potential targets, found very little weed cover. 1430: crew began wrapping up pulling weeding while I inspected site. Pointed out several bottles left behind.

Photo 1



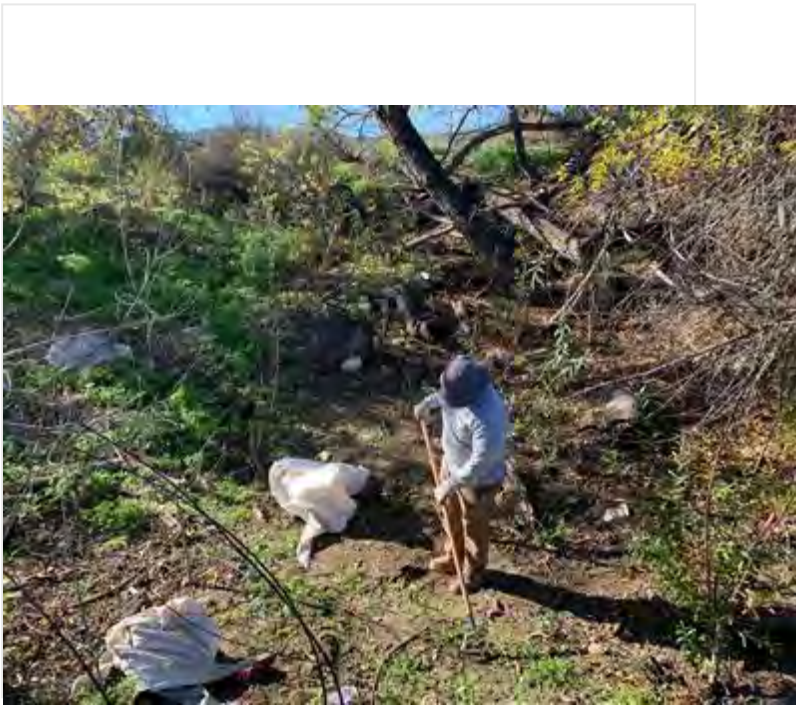
photo_1-pre-weeding_DG-4_facingN.jpg

Photo 2



photo_2-post-weeding_DG-4_facingN.jpg

Photo 3



photo_3-conium_removal_in_progress_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Brief period of high wind gusts mid morning, during which time crew was instructed to not be within fall shadow of any willows.

Signature

A handwritten signature in black ink, appearing to read "N. H. A. K. H.", enclosed in a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220111-184845.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 12, 2022, 9:12:28 PM

Date of Log

Jan 12, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive species removal**
- 2. Hand pulling/hand tools**
- 3. Gothic Landscaping, crew of six**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**SCJA, CORA, CALT, Parrot sp., MALL, CAGO, ALHU, BUTI, WCSP, HOFI, NOFL, RTHA, MODO, YRWA, ACWO, AMRO, KILL, BLPH, AMCR, ANHU
CA Ground Squirrel**

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 arrived on site.

0645 safety meeting with crew.

0720 crew begins work on DG-7 (Temp Impacts) targeting mustard sprouts, poison hemlock, non-native grasses.

0900 crew breaks.

0915 crew returns to work in DG-7 (Temp Impacts) and begins work on Side Slopes.

1200 crew breaks for lunch.

1230 crew begins work on DG-8 (Temp Impacts).

1500 crew finishes work for the day.

Photo 1



Invasive_species_removal_DG-7_facingSW.jpg

Photo 2



Invasive_species_removal_Side Slopes_favingSW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

60

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "K. A. S.", is centered within a rectangular box. The signature is stylized with a vertical line on the left, a large 'A' with a horizontal bar, and a cursive 'S' followed by a horizontal line.

signature-20220113-051207.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 12, 2022, 2:05:14 PM

Date of Log

Jan 12, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

Veg clearing in DG-4B

Hand tools, tarps, rakes

Eleven crew members includes: Natures Image main crew, temp crew, and supervisor Daniel

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, EUST, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, WREN, NOMO, BLPH, CATH, NOFL, CANG, MALL, RUDU, KILL, AMCO, HETH, DEJU, STJA, RBDU, DOWO, CAQU

Did You observe any Non-Compliance Issues?

No

Log Entry

6:45 bio and crew arrived onsite for a quick tailboard with foreman Daniel. Majority of the plants proposed to be removed are sprouts. Biologist checked over areas that crews are removing, continuously throughout the day. They are using scrapers to remove top soil on some locations to insure that the non-native root is fully removed, however in sensitive areas they are hand pulling. Recent rains and light frost on topsoil has initiated many native (majority obs are scorpion weed) and non-native sprouts. 12:00 Similar activities took place after lunch. At 1230, multiple Labor Finders (NI) employees left the site due to a new LA County Vaccine mandate. Work continued with the crew who remained until 1415 when the crew stopped veg removal. Biologist checked for trash removal and completed report.

Photo 1



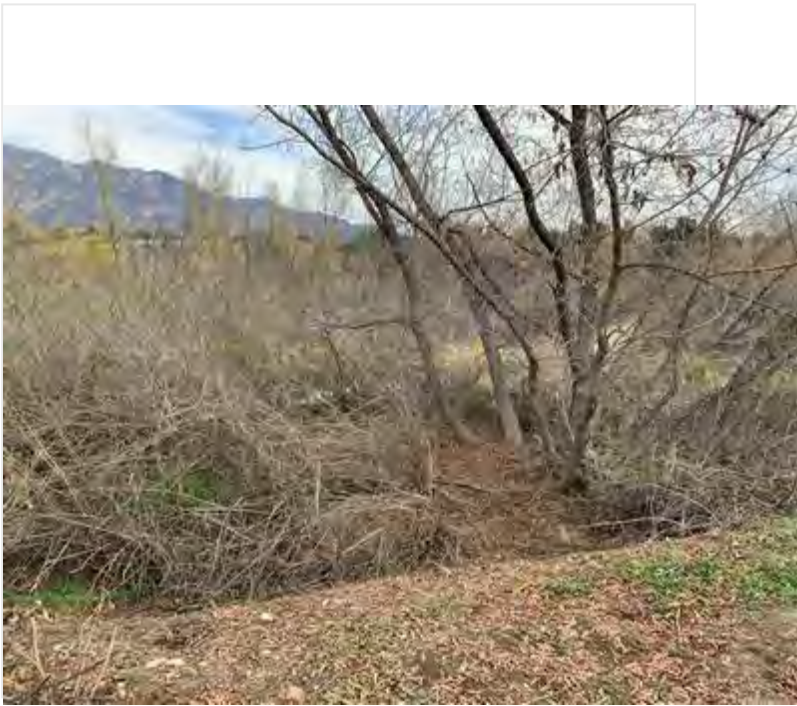
Veg_clear_before_facingE.jpg

Photo 2



VegClear_2nd_area_before_facingE.jpg

Photo 3



Vegetation_clear_after_facingE.jpg

Photo 4



VegClear2_after_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3

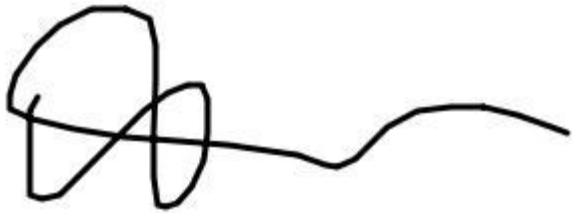
Ending Cloud Cover (%)

0

Additional Comments

Labor Finders supervisor arrived onsite to notify that some of their contractors will not be able to work due to the new LA County health mandate. Mike Walsh was notified.

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'M' followed by a series of connected loops and a long horizontal stroke extending to the right.

signature-20220112-215122.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 14, 2022, 5:31:03 AM

Date of Log

Jan 13, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BLPH SPTO
AMKE RTHA NOFL PEFA**

Reptiles: Side-blotch lizard, western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0655: Crew works in DG-1. Main target species include: mustard, pepper weed, and Erodium.

0900: Crew takes a break.

0915: Crew returns to work on DG-1.

1150: Biologist identifies peregrine falcon perching and vocalizing on snag.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-1.

1445: Crew stops work for the day.

Photo 1



Crew_DG-1_facingSW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Y. L. Upekar", is centered within a white rectangular box. The signature is written in a cursive style with a distinct loop at the end of the word "Upekar".

signature-20220113-214240.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 13, 2022, 3:23:51 PM

Date of Log

Jan 13, 2022

Monitor/Biologist

Michael walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

95

Construction Activity and Personnel

Natures image crew of 8 hand pulling weeds in DG-4B near the main parking area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, WCSP, AMCR, RCPA, NOMO, CALT, BEWR, NUWO, CASJ, MALL, KILL, RUDU, RNDU, WODU, NSHO, coyote, ANHU, Peromyscus maniculatus (deer mouse), LASP, OATI, BUSH, WEWP, SOSP, ACWO, WREN, LASP, RSHA, HOWR, STEJ, AMCO, DEJU, OCWA, western toad, LEGO, MODO, HOFI, YRWA, CORA, ALHU, WIWA, CAKI, BLPH, fox squirrel, WBNU.

Did You observe any Non-Compliance Issues?

No

Log Entry

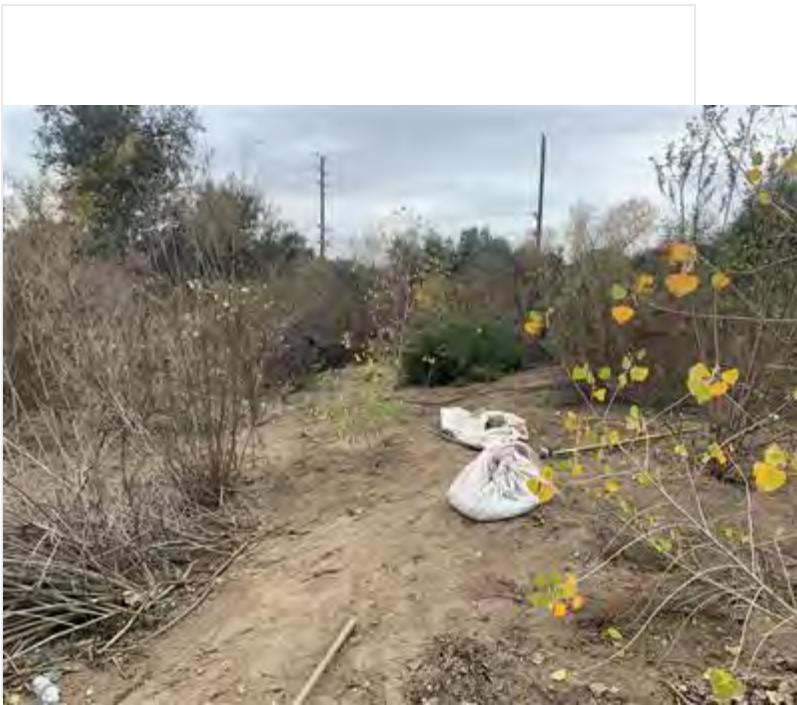
0645: arrived on site, took photos of work area. 0650: monitored vegetation clearing in DG-4B and DG-4 near the main parking lot. Area was planted with Salix woodland alliance, and much of the ground was carpeted with poison hemlock and mustard, with occasional Erodium cicutarium. Adjacent areas in DG-4 were clearings carpeted in poison hemlock that were surrounded with mulefat. Crew progressed south throughout the day. Reminded crew to leave behind forest floor if it is all natives. Very heavy cloud cover for whole day, high avian species richness and activity. 0900: looked out at the basin to check the water level- it has dropped considerably. The planted areas are no longer submerged. 1115: crew member reported seeing a RSHA carrying twigs while taking lunch on the south end of the site (point of obs. on collector). It is pretty early for nesting, I think it is likely it was actually carrying food. I surveyed the area and found no evidence of a nearby nest, and no RSHA has been documented using this part of the site to nest yet. Observed 2 RSHA circling each other in courtship, but no nesting behavior. Will continue to watch out for nesting behavior. 1150: resumed monitoring vegetation clearing. Crew was in the same general area. 1435: crew began wrapping up pulling while I inspected the site.

Photo 1



photo_1-pre_weeding_DG-4B_facingW.jpg

Photo 2



photo_2-post_weeding_DG-4B_facingW.jpg

Photo 3



photo_3-pre_weeding_DG-4_facingSE.jpg

Photo 4



photo_4-post_weeding_DG-4_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

64

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

100

Additional Comments

Misty precipitation around 1430, very light.

Signature

A handwritten signature in black ink, appearing to read "M. H. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220113-152151.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 14, 2022, 8:14:52 PM

Date of Log

Jan 14, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

18:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 with Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO CACG ANHU BLPH SPTO
AMKE RTHA NOFL EGGO WODO WREN BUSH ACWO NUWO**

Reptiles: Side-blotch lizard, western fence lizard

Mammals: California ground squirrel

Amphibians: American bullfrog

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0655: Crew works in DG-1. Main target species include: mustard, pepper weed, Erodium and non-native grasses.

0900: Crew takes a break.

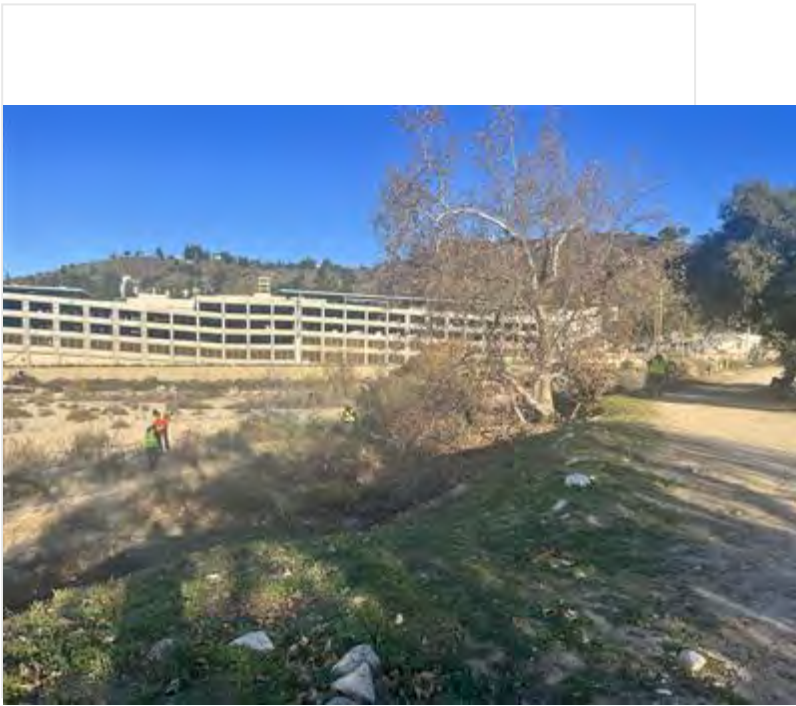
0915: Crew returns to work on DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-1.

1445: Crew stops work for the day.

Photo 1



Crew_DG-1_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

76

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John V. Deegan". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

signature-20220114-222902.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 14, 2022, 4:42:33 PM

Date of Log

Jan 14, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

Natures image crew of 8 pulling assorted weeds in DG-4 in the central part of the west side.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

AMCR, SOSP, CATH, BEWR, WODU, EGGO, RNDU, ASJ, CALT, ACWO, OATI, MODO, BGGN, SPTO, BUSH, ANHU, CAKI, KILL, NOFL, WEBL.

Did You observe any Non-Compliance Issues?

No

Log Entry

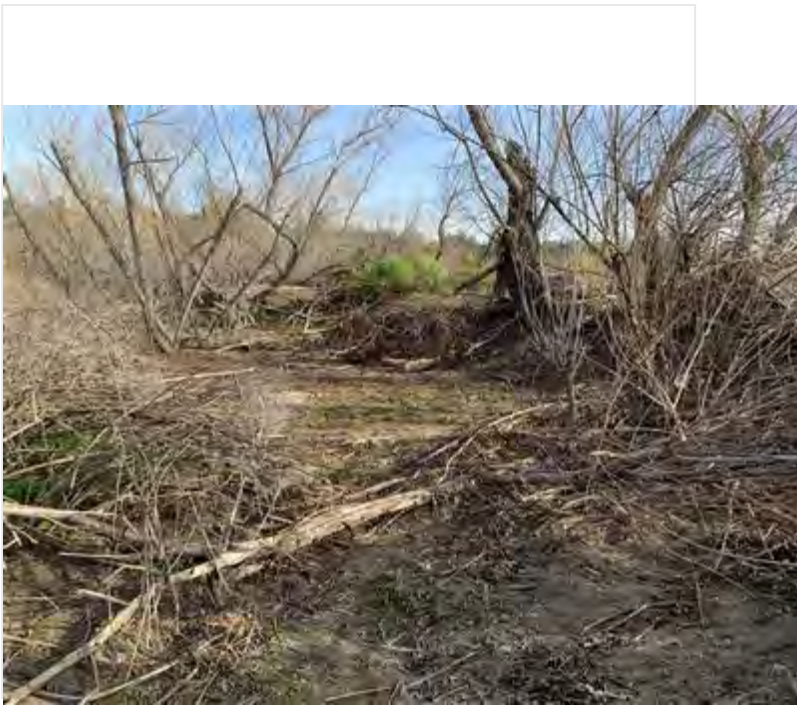
0645: surveyed site while crew set up. 0650: monitored vegetation clearing in DG-4 just south of the main parking lot. Crew was working in a series of clearings between mulefat to remove poison hemlock and a few Arundo donax sprouts. The Arundo had been previously removed on several occasions, however there is a piece of the root structure which is unremovable because it is directly beneath a Woodrat midden. Last removal effort was several months ago, and between now and then it only put up 2 sprouts, neither of which were taller than 6 inches; implying that the repeated damage might be causing it enough stress to kill it without uprooting the midden. Lower bird activity than last few days. 0830: extensively flagged off a planted area (DG-4) adjacent to the perimeter trail south of the parking area which contained numerous interspersed Phacelia and Escholtzia sprouts in a large patch of mustard and bromes. Crew was planning to begin work there by end of day. 1230: surveyed The area surrounding the crew for possible weed targets. Most regrow the in the immediate vicinity was minimal. 1300: 2 crew members moved to the aforementioned area of DG-4 near the trail to begin weeding. 1430: crew began wrapping up pulling while I inspected the site.

Photo 1



photo_1-pre_weeding_DG_4_facingE.jpg

Photo 2



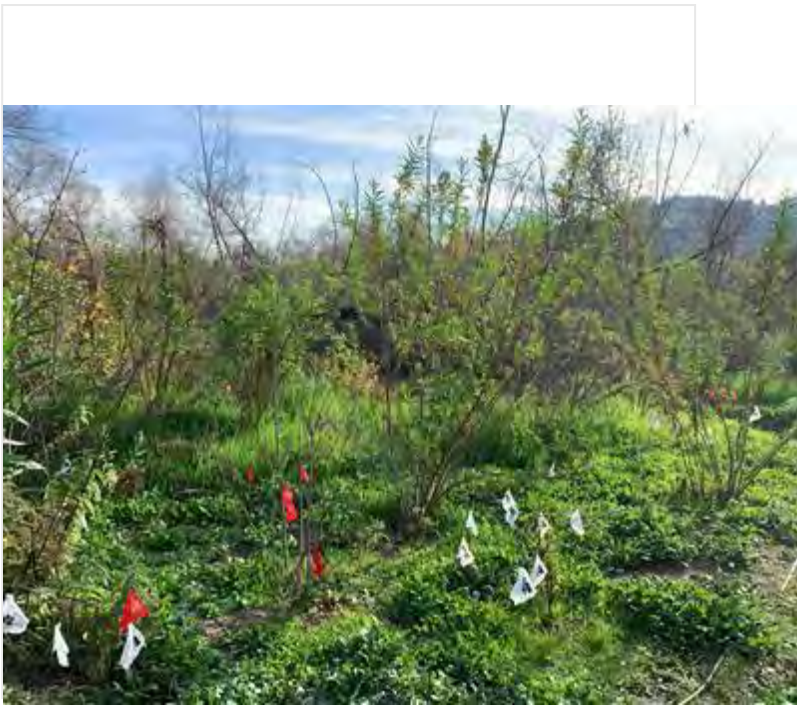
photo_2-post_weeding_DG_4_facingE.jpg

Photo 3



photo_3-crew_hauling_tarps_facingS.jpg

Photo 4



photo_4-native_flagging_DG-4_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:40

Ending Temperature (°F)

73

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. K. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220114-164158.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 17, 2022, 3:15:30 PM

Date of Log

Jan 17, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7 pulling assorted weeds in DG-4 by hand and using hand tools.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, LEGO, BUSH, CATH, NOFL, OATI, AMCR, MODO, RCPA, CALT, RSHA, NUWO, YRWA, CASJ, WCSP, WBNU, RCKI, HOFI, SPTO, ANHU, KILL, MALL, CORA, AMCO, California ground squirrel, desert cottontail, fox squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

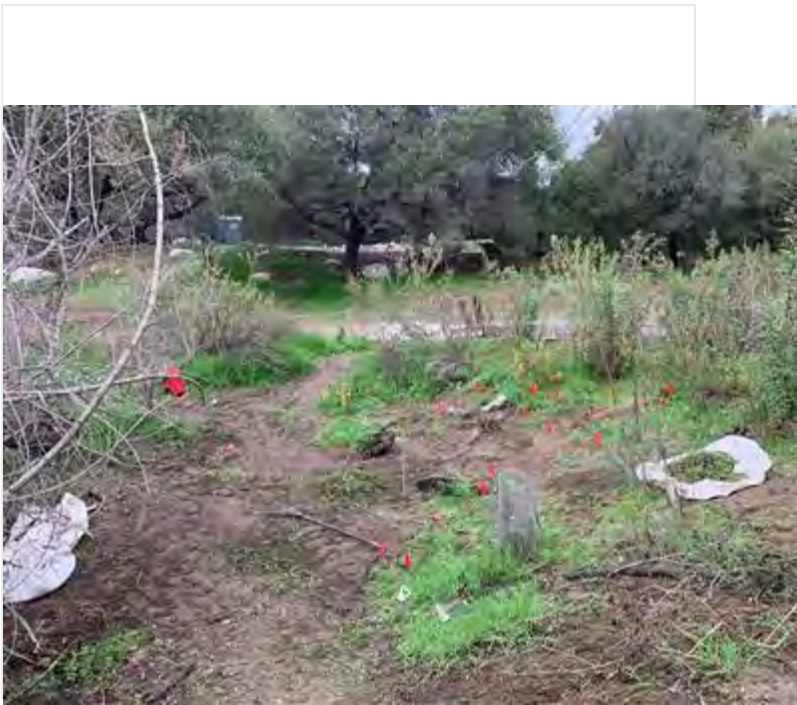
0645: surveyed work area while crew set up. 0650: monitored vegetation clearing in DG-4 adjacent to the perimeter trail. Crew was working through the planted areas just south of DG-4B, with primary targets being mustard, Italian thistle, Erodium cicutarium, and Bromus diandrus. Area had lots of annual natives intermixed, including Phacelia spp. and Escholtzia californica, which had been flagged the week prior. 0800: began raining on and off. There were several instances where the crew was sent back to their cars to wait out the rain for a few minutes. 1130: rain had mostly subsided, crew continued working along the perimeter trail. Most work being done was hand pulling, larger patches with too many natives were left behind. 1435: crew began wrapping up pulling while I inspected the site.

Photo 1



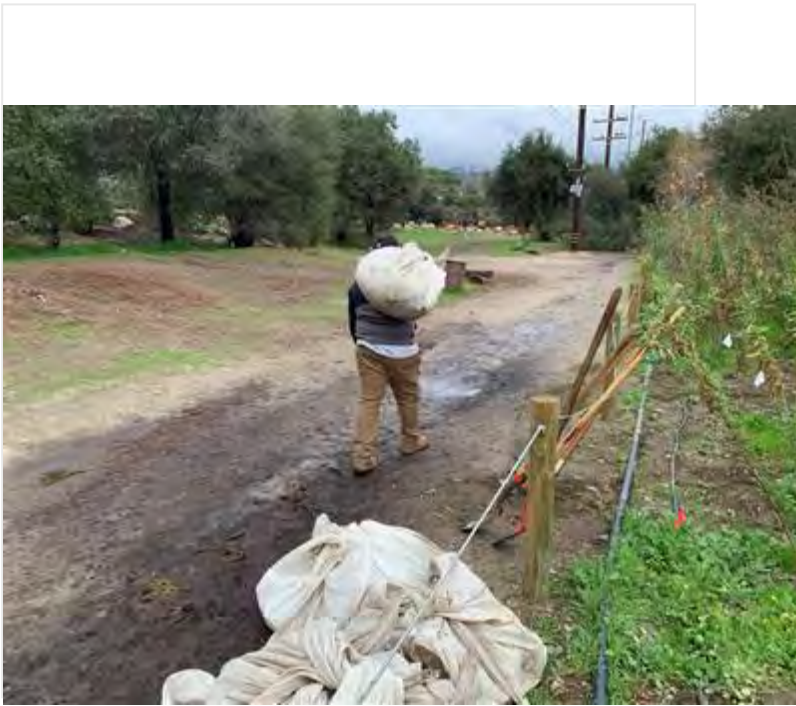
photo_1-pre_weed_removal_DG_4_facingW.jpg

Photo 2



photo_2-post_weed_removal_DG_4_facingW.jpg

Photo 3



photo_3-tarp_hauling_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

57

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink on a white background. The signature is stylized and appears to be "N. F. (W. F.)". The letters are connected and written in a cursive-like style.

signature-20220117-151447.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 19, 2022, 3:26:12 PM

Date of Log

Jan 18, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: SOSP LCPA WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO ANHU SPTO
RTHA NOFL EGGO WREN BUSH ACWO**

Mammals: California ground squirrel

Amphibians: Western toad.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Main target species include: mustard, pepper weed, Erodium and non-native grasses.

0900: Crew takes a break.

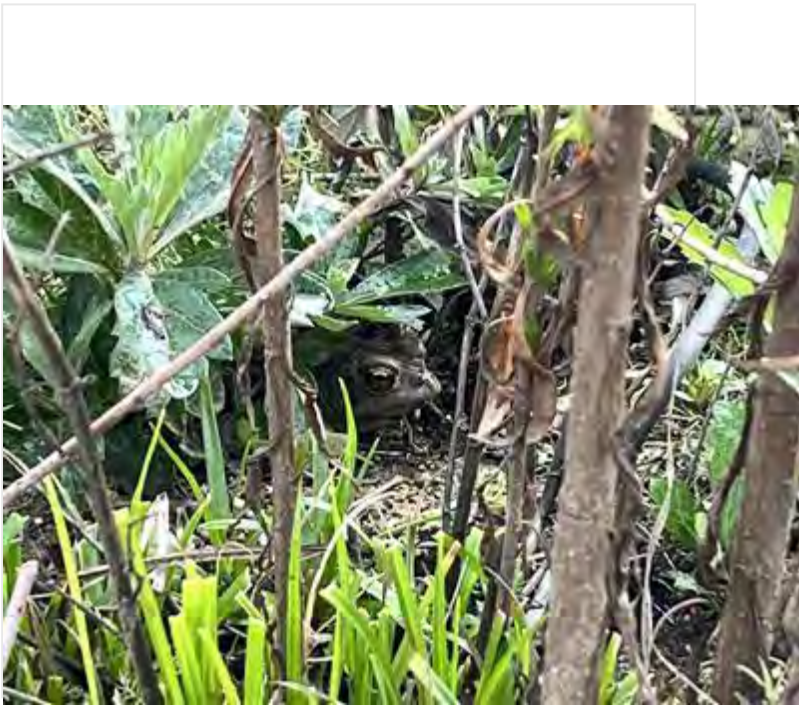
0915: Crew returns to work on Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1445: Crew stops work for the day

Photo 1



WesternToad_JohnsonField.JPG

Photo 2



Crew_Johnson_Field_facingNE.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

59

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Lila Updegrave".

signature-20220118-220835.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 18, 2022, 2:50:34 PM

Date of Log

Jan 18, 2022

Monitor/Biologist

Michael walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 8 hand pulling weeds in DG-4 and DG-4B just south of the main parking lot.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BEWR, BUSH, CATH, WCSP, AMCR, NUWO, NOFL, CANG, LEGO, WBNU, MODO, ACWO, CALT, ANHU, CASJ, KILL, RCKI, WREN, SOSP, CAKI, OATI, desert cottontail, CAQU, RCKI, CORA, AWPE, AMKE, SPTO, OCWA, RTHA, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645: surveyed site and took photos while crew set up. 0650: monitored vegetation clearing in DG-4 and DG-4B. Crew continued working along the perimeter fence. Lots of interspersed Phacelia in a planted area carpeted with mustard, poison hemlock, and Bromus diandrus; most of the crew members were doing detail work for most of the day. Found some flowering Cardamine hirsuta, instructed crew to remove. Continued flagging new areas for the crew as they moved. Noted lots of bird activity; singing CATH, pairs of MODO perched together, and ANHU doing courtship displays. Have been on the lookout for early nesting activity. 1300: surveyed areas within a couple hundred feet of crew for birds, including the 2020 vireo territory. 1415: crew began wrapping up pulling while I inspected the site. Pointed out a few water bottles to pick up.

Photo 1



photo_1-before_weeding_DG_4_facingS.jpg

Photo 2



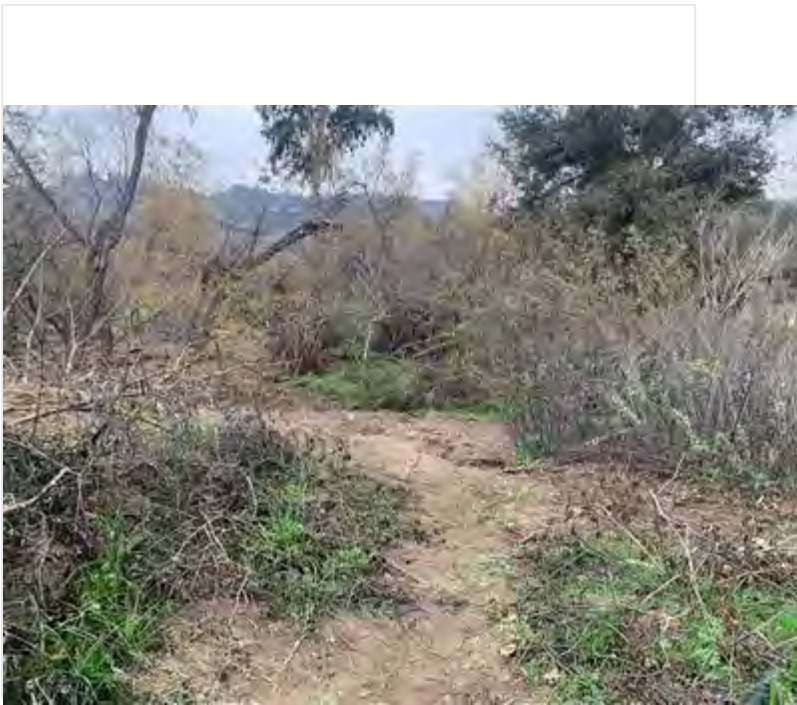
photo_2-after_weeding_DG_4_facingS.jpg

Photo 3



photo_3-before_weeding_DG_4B_facingS.jpg

Photo 4



photo_4-after_weeding_DG_4B_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

59

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. F. [unclear]". The signature is written in a cursive style with some overlapping lines and is contained within a rectangular box.

signature-20220118-144854.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 19, 2022, 3:26:21 PM

Date of Log

Jan 19, 2022

Monitor/Biologist

Lela Updgrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO ANHU SPTO RTHA
NOFL OATI CAQU WREN BUSH ACWO AMCO LEGO RSHA**

Reptiles: Side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Main target species include: mustard, pepper weed, Erodium and non-native grasses.

0900: Crew takes a break.

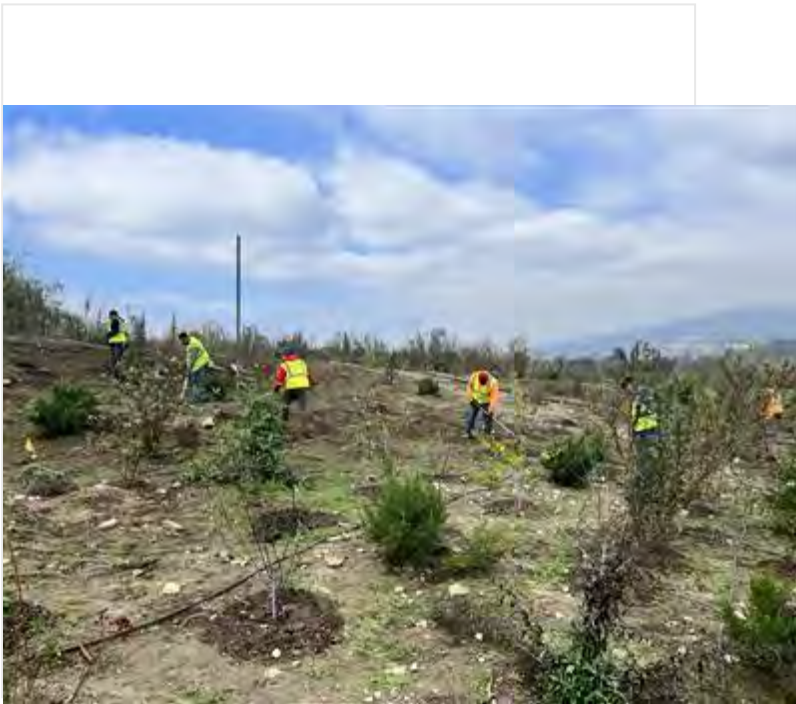
0915: Crew returns to work on Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1445: Crew stops work for the day.

Photo 1



Crew_weed_removal_JohnsonField_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

61

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

25

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Lela Updegraff".

signature-20220119-220903.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 19, 2022, 2:41:35 PM

Date of Log

Jan 19, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 8, incl foreman Daniel Holmes, hand-pulling on west side of reservoir.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

AMCR, ACWO, SOSP, CATH, OATI, BUSH, HOFI, RCPA, RSHA, CASJ, WCSP, BLPH, RCKI, CALT, SPTO, BEWR, NOFL, CORA, MALL, KILL, AMCO, ANHU, MODO, CAKI, BGGN, YRWA, CA gr squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew heads down service road to a DG-4 area at 34.190741°N 118.176478°W. Dense mats of primarily non-native sprouts including Conium, Hirschfeldia, Raphanus, grasses, Erodium, Stellaria media, Urtica urens, occasional Silybum, Carduus, Sonchus, Sisymbrium, Capsella, Lamium. Natives are sparse but include Erigeron canadensis, Galium (aparine?), possible Heterotheca grandiflora. Phacelia ramosissima forms small dense patches. There is a native Galium (aparine?) growing next to some logs, and possibly a second Galium species sprouting under the willows. We are leaving both for now. 1000 I explore a little further south to see drained reservoir, and possible COHA/RSHA nesting per Daniel and Mike. 2021 COHA nest in Eucalyptus stand is intact but no raptors were seen. Crew had planned to weed-whack grassland south of DG-5 but it was postponed.

Photo 1



photo_1-DG-4A_before_hand_pulling_facingS.JPG

Photo 2



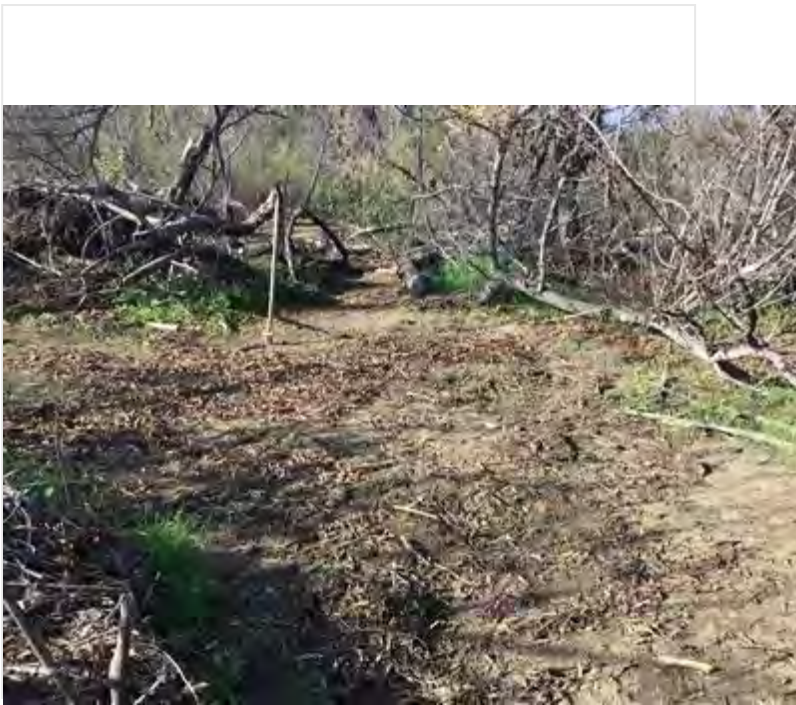
photo_2-DG-4A_after_hand_pulling_facingS.jpg

Photo 3



photo_3-DG-4_hand_pulling_facingSE.JPG

Photo 4



photo_4-DG-4_after_hand_pulling_facingNW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

61

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

10

Additional Comments

Photos 1 and 3 were taken on iPhone.

Signature

A handwritten signature in black ink, appearing to be 'S. J. ...', is written on a white rectangular background. The signature is fluid and cursive, with a long horizontal stroke at the end.

signature-20220119-223754.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 20, 2022, 2:03:37 PM

Date of Log

Jan 20, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image foreman Daniel and 8 crew. They are using hand tools to remove poison hemlock and mustard. Flagging phacelia, mugwort and oher natives.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MALL, MODO, ANHU, AMCO, RTHA, ACWO, NUWO, NOFL, BLPH, HUVI, STJA, CSJA, AMCR, OATI, WREN, RCKI, BEWR, EUST, CATH, HOFI, ORJU, WCSP, SOSP, CALT, SPTO, YRWA.

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 monitoring west of drainage in DG4, several patches, crew spread around but proximate. Walked through site looking through dense hemlock,grasses. Crew pointed out small plants they had found Mugwort, phacelia and, telegraph weed sprouts. We flagged those and walked the site. 0740 walked south through site to look for nesting activity. Lots of singing songbirds (CATH,CALT,SPTO,WREN,BEWR,etc.). Went to old COHA nest, no activity. 0930, back to check on crew. Met Carly from ECORP assessing erosion onsite. 1200: walk N. mitigation site. Lots of weeds but also good growth of native herbs particularly phacelia. Day getting warmer and limited shade. Crew stops pulling at 1400.

Photo 1



DG4_West_of_drainage_looking_SE_before_weeding.jpg

Photo 2



DG4_West_of_drainage_looking_SE_after_weeding.jpg

Photo 3



DG4_west_of_drainage_looking_S_patch2_pre_weed.jpg

Photo 4



DG4_west_of_drainage_looking_S_patch2_post_weed.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

74

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

Lots of fence lizards zipping around as day warms up.

Signature

A handwritten signature in black ink, appearing to read "L. Mein", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220120-215528.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 20, 2022, 4:14:00 PM

Date of Log

Jan 20, 2022

Monitor/Biologist

Lela Updgrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL CAGO ANHU SPTO NOFL
OATI WEBL BUSH ACWO AMCO CAQU RTHA**

Reptiles: Side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Main target species include: mustard, pepper weed, and Erodium. One line trimmer is used at the eastern side of Johnson Field to clear grasses.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1445: Crew stops work for the day.

Photo 1



Crew_line_trimmer_JohnsonField_FacingNW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "L. S. Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a large initial "L" and "S".

signature-20220120-220411.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 21, 2022, 2:06:16 PM

Date of Log

Jan 21, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

45

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Nature's Image Daniel is foreman, crew is six today. weed removal, in DG4 all hand tools. Pin flags placed for small native plants within the area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ECDO, MODO, ANHU, RSHA, RTHA, ACWO, NUWO, NOFL, RCPA (flyovers), SAPH, KILL, HUVI, CSJA, OATI, BUSH, WREN, RCKI, WBNU, BGGN, BEWR, CATH, HOFI, LEGO, WCSP, SOSP, CALT, SPTO, YRWA, CAQU, CAKI

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 met crew went back to same area as yesterday DG4. Inspected the site, again poison hemlock and mustard are main weeds. 0800 walked north looking at bird activity and plant growth. plenty of bird song on this warm day. plants are spring green and healthy. RTHA observed in north and central restoration site. RSHA seen south area. No nesting activity observed. 1230 walked to south restoration site. Crew finished weeding at 1415.

Photo 1



DG4_facing_N_pre-weeding.jpg

Photo 2



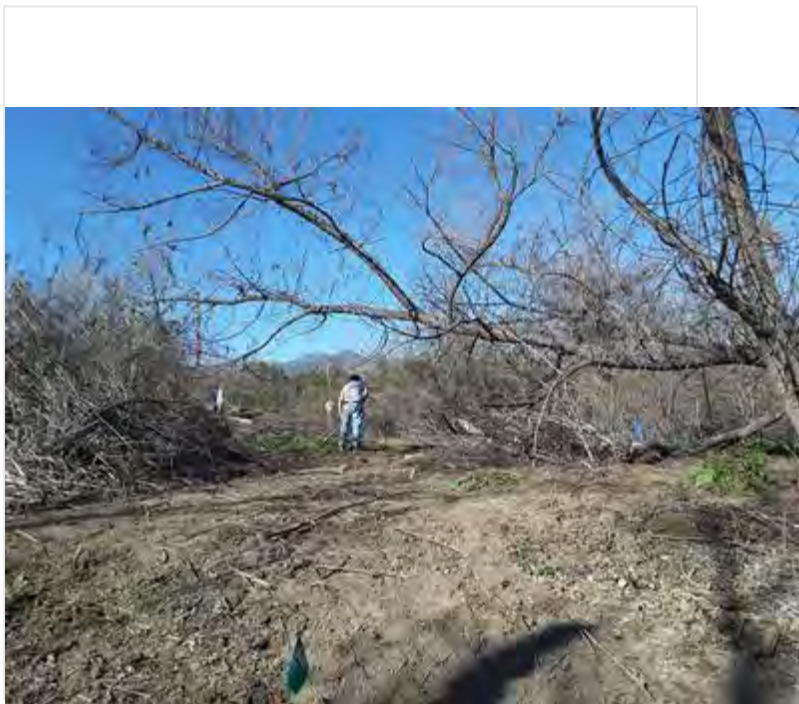
DG4_facing_N_post-weeding.jpg

Photo 3



DG4_facing_E_pre-weeding.jpg

Photo 4



DG4_facing_E_post-weeding.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

67


Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "H. A. [unclear]". The signature is written in a cursive style with some overlapping letters.

signature-20220121-215453.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 21, 2022, 4:11:24 PM

Date of Log

Jan 21, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal, irrigation maintenance**
- 2. Hand pulling/hand tools, weed wacker**
- 3. Gothic Landscaping, crew of 5 plus Scott Rose crew lead**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MALL, AMKE, KILL, COOT, Parrot sp., WEGU, MODO, NOMO, SCJA, AMCR, YEWA, CALT, HOFI, WCSP, BUTI, SPTO

CA ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 arrived on site.

0645 safety meeting with crew.

0720 crew begins work on Side Slopes and DG-3A targeting mustard sprouts, poison hemlock, non-native grasses.

0900 crew breaks.

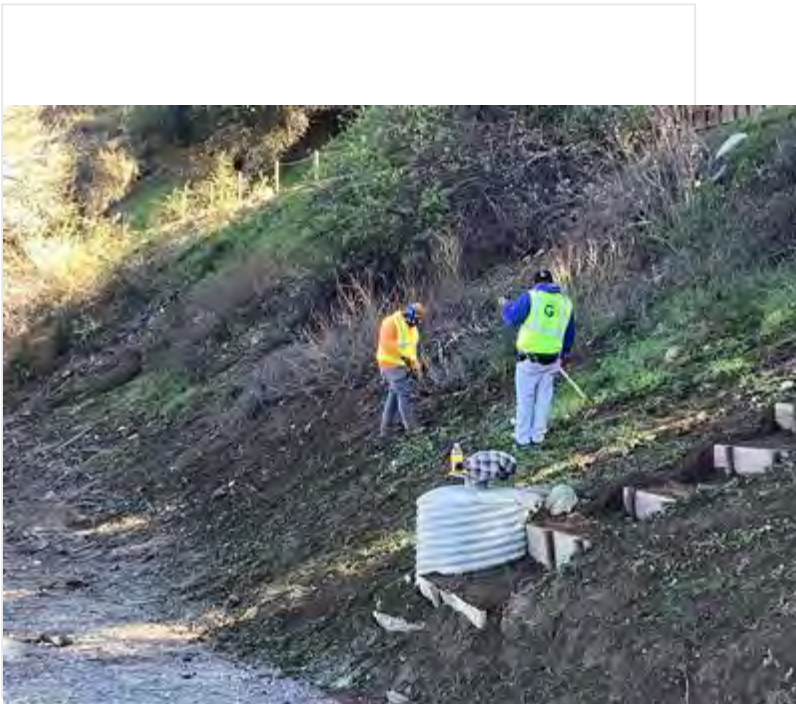
0915 crew returns to work on Side Slopes and DG-3A.

1200 crew breaks for lunch.

1230 crew returns to work in DG-3A.

1500 crew finishes work for the day.

Photo 1



Invasive_species_removal_Side Slopes_facingNE.jpg

Photo 2



Invasive_species_removal_DG-3A_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'K. A. N. S.', is centered within a rectangular box. The signature is stylized with overlapping loops and horizontal strokes.

signature-20220122-001049.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 25, 2022, 1:50:08 PM

Date of Log

Jan 24, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU SPTO NOFL ACWO
AMCO GCSP RNDU**

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

**0650: Four crew members works in DG-3A. Main target species include: mustard, pepper weed, and Erodium.
Two crew members use line trimmer to clear non-native grasses on the southern side slopes.**

0900: Crew takes a break.

0915: Crew returns to work on DG-3A and the southern side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to DG-3A and DG-3B to pick up trash left from the reservoir.

1445: Crew stops work for the day.

Photo 1



Crew_line_trimmer_sideslope_facingSW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'J'.

signature-20220124-220535.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 24, 2022, 7:17:46 PM

Date of Log

Jan 24, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 hand pulling poison hemlock and mustard in DG-4, DG-4 drainage.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

WREN, AMCR, CALT, MODO, CATH, SPTO, CORA, BEWR, WCSP, BUSH, CASJ, SOSP, DEJU, YRWA, MALL, SAPH, NUWO, CAGU, WBNU, NOFL, ACWO, mule deer (track), YRWA, RCKI, HUVI, California ground squirrel, desert cottontail, BLPH, WEBL, RTHA, LASP, HOFI, OATI, CAQU.

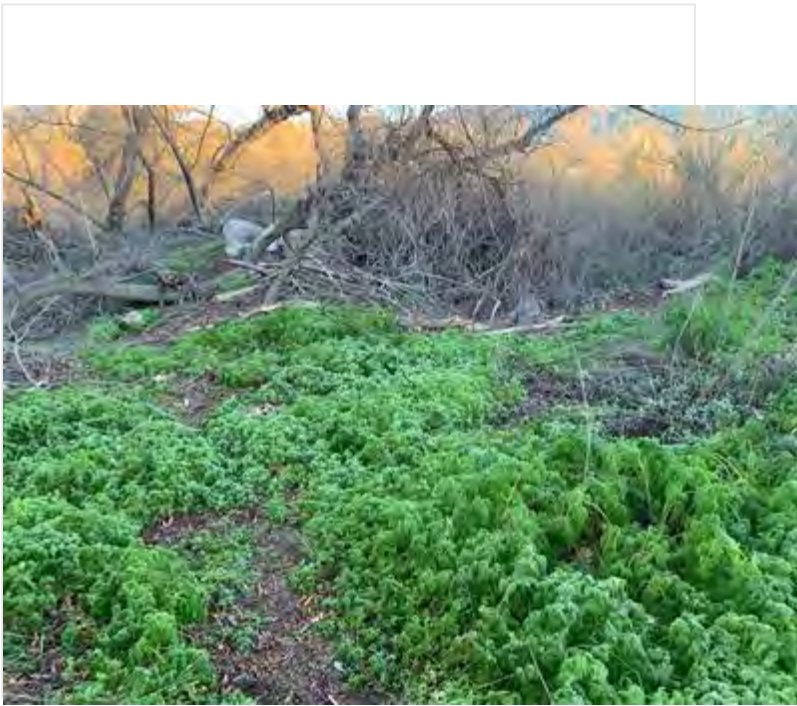
Did You observe any Non-Compliance Issues?

No

Log Entry

0645: WEEP trained 2 new crew members. 0715: monitored vegetation clearing in the Salix woodland immediately east of DG-5. Flagged off natives for new crew members. Primary target was poison hemlock, with scattered Phacelia ramossisima. 0800: found a broken egg (likely predated) in the middle of a large section of DG-4. Horizontal diameter was roughly 2/3 inch. 1000: surveyed mining pit for damage following Saturday's wind storm. Numerous new downed snags, some on plants. Advised crew to spend a few days without entering the mining pit for safety concerns. A few willows still sprouting at base. 1029: resumed monitoring vegetation clearing. 1130: flagged DG-4A south of DG-5 in anticipation of tomorrow's work; crew did not go there today. 1200: resumed monitoring vegetation clearing. Crew had largely finished off the major parts of the series of clearings they were working in and were shifting to detail work in an adjacent planted area. 1340: surveyed southern end of site, still very little weed growth. 1415: crew began wrapping up pulling while I inspected the site.

Photo 1



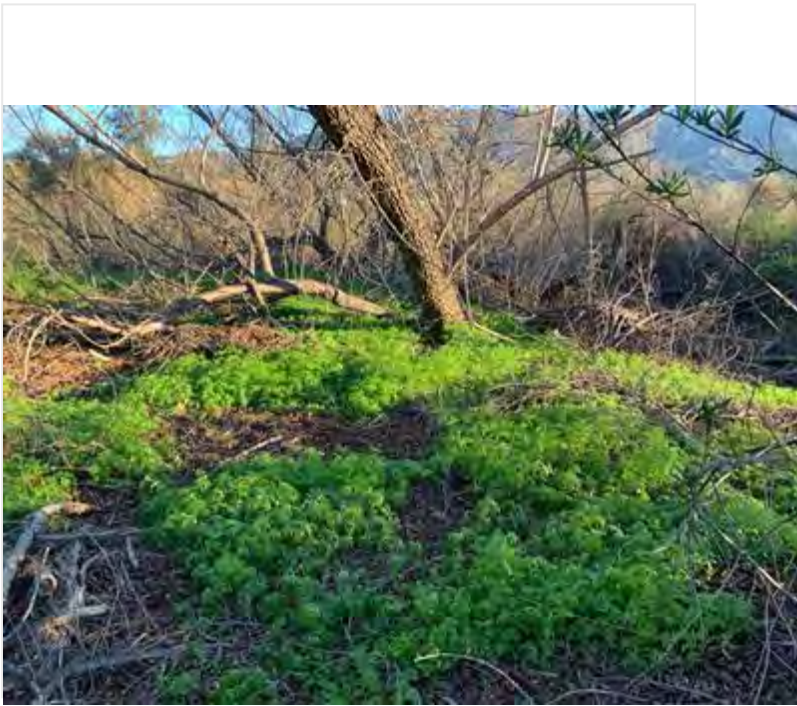
photo_1-DG-4_weeding_before_facingS.jpg

Photo 2



photo_2-DG-4_weeding_after_facingS.jpg

Photo 3



photo_3-DG-4_weeding_before_facingS.jpg

Photo 4



photo_4-DG-4_weeding_after_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'N. H. W. #', is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font with several vertical strokes and horizontal lines.

signature-20220124-191459.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 25, 2022, 3:33:23 PM

Date of Log

Jan 25, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU OATI ACWO
AMCO SAPH BLPH RUDU WREN ALHU**

Reptiles: Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members pick up trash left from reservoir flooding on eastern side slopes. Crew works north. Part of the crew works trimming grass in DG-3A and side slopes.

0900: Crew takes a break.

0915: Crew to work on picking up trash ion side slopes and trimming grass.

1000: Crew picking up trash finishes task and starts weeding in DG-1. Main target species include Erodium, mustard and non-native grasses.

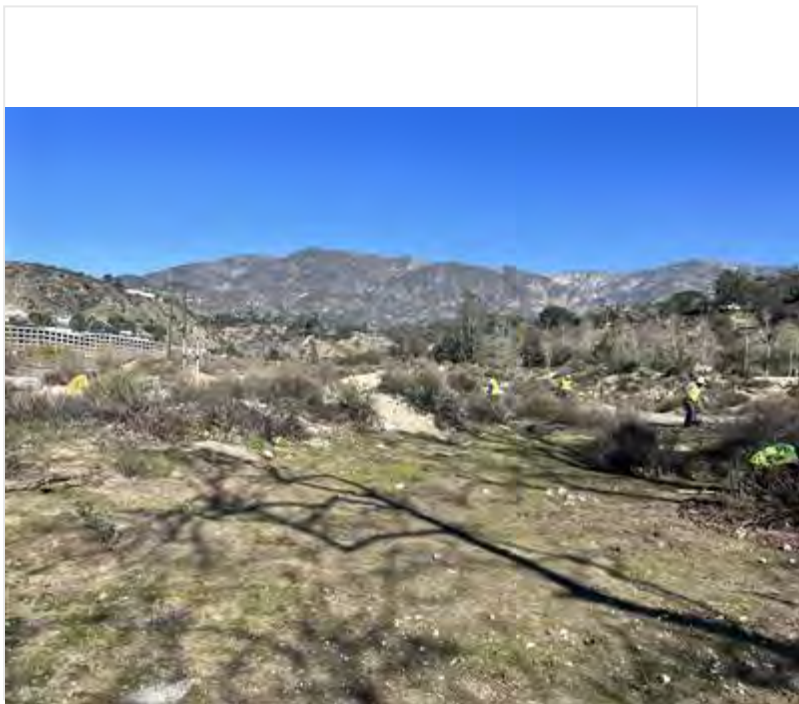
1130: Line trimmer crew runs out of gas and joins the rest of the crew in DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1445: Crew stops work for the day.

Photo 1



Crew_weed_removal_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John Yoder", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end of the last name.

signature-20220125-215420.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 25, 2022, 2:46:56 PM

Date of Log

Jan 25, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image regular crew of 15 removing weeds with weed whackers, hand tools, and by hand pulling in DG-4, DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, SPTO, WCSP, AMCR, EUST, MODO, CASJ, CATH, CALT, RCPA, NOFL, BUSH, RCKI, California ground squirrel, RSHA, RTHA, BLPH, CAKI, LEGO.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645: WEEP trained 5 new employees. 0720: monitored vegetation clearing in DG-4A and DG-4. Crew was split into 2 nearby crews; one crew of 7 weed whacking nonnative Bromus and Raphanus in DG-4A adjacent to the perimeter trail, and another in the Salix woodland immediately east removing poison hemlock. Walked between these 2 crews throughout the day. Numerous Oenothera elata, Phacelia ramosissima, Heterotheca grandiflora, and Ambrosia acanthicarpa seedlings in both areas. Difficult areas were flagged off, but most of the days work area contained little or no annual natives. A fire extinguisher was kept near the weed whacker crew for the entirety of the day. 0900: surveyed the nearby 2020 LBVI territory. Did not find anything noteworthy. 0930: resumed monitoring vegetation clearing. Noted a black phoebe foraging in a newly weeded dirt patch near the handpulled area. 1340: weed whacking crew started focusing on tarping up. 1410: hand pulling crew began working on cleanup while I inspected the site.

Photo 1



photo_1-before_weedwhacking_DG-4A_facingS.jpg

Photo 2



photo_2-after_weedwhacking_DG-4A_facingS.jpg

Photo 3



photo_3-before_weeding_DG_4_facingNW.jpg

Photo 4



photo_4-after_weeding_DG_4_facingNW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

67

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "N. L. W. H. S. H.", enclosed in a rectangular box.

signature-20220125-144610.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 26, 2022, 8:48:09 PM

Date of Log

Jan 26, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A

Hand tools, tarps, rakes

Twelve crew members includes: Natures Image main crew, temp crew, and supervisor Daniel. A separate crew (NI) worked in the mining pit chain sawing felled trees caused by recent winds. crew was instructed to only move parts of trees which were directly on top of a container plant, and to not move parts of trees further than a couple feet to minimize spread of any pests.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, EUST, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, NOMO, BLPH, CATH, NOFL, DEJU, CAQU, HOWR, COYE, WEBL, RSHA, gull sp. (flyover), CEWA, CAKI, GRRO

Did You observe any Non-Compliance Issues?

No

Log Entry

0645: bio and crew arrived onsite for a quick tailboard with foreman Daniel. Majority of the plants proposed to be removed are sprouts. Biologist checked over areas that crews are removing, continuously throughout the day. Foreman split crew into 3 groups. One group hand pulled non-native in the planted area containing more diverse plant species. The other group used hand tools in the not-as biologically diverse areas. Natives were marked out with sticks for avoidance. Bird species seem to be more active, singing and foraging through the morning. Morning are very cold and the ground is covered with a layer of frost. Biologist instructed crew, that if using tools to only remove bigger mustards until weather warms up so that plants can be more properly identified.

A pair of red-shouldered hawks seen a few times throughout day in upper oaks near upper road and south of restrooms. Multiple old stick nests observed (one blown out by recent winds).

1130: Crew completed same tasks and work in same locations after lunch.

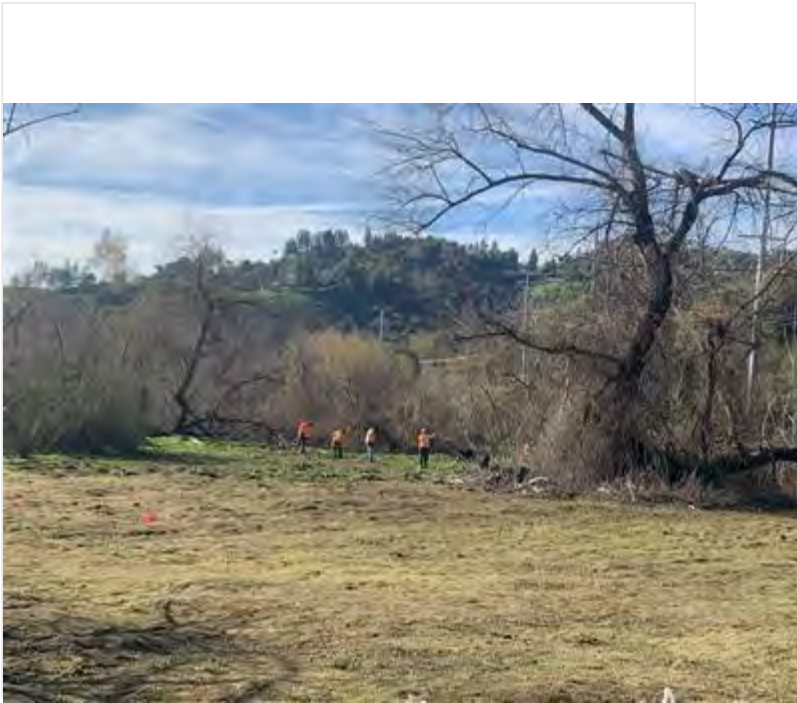
1515: biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



VegClear1_before_facing E.jpg

Photo 2



VegetationRemoval_during_facingS.jpg

Photo 3



NativePrimrose_avoided_during_facingSW.jpg

Photo 4



Clearing_non-natives_during_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:15

Ending Temperature (°F)

70

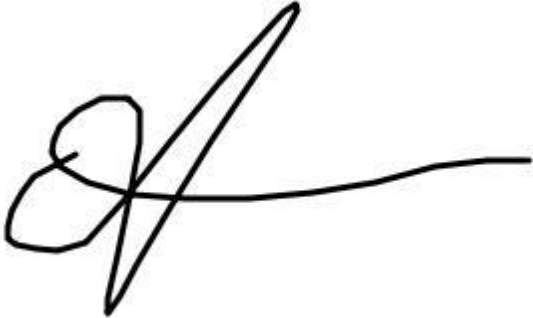
Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, consisting of a stylized, cursive letter 'S' followed by a long horizontal stroke that tapers to the right.

signature-20220126-202235.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 31, 2022, 8:44:38 AM

Date of Log

Jan 26, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: MALL, CAGO, NOFL, CASJ, SAPH, AMCR, KILL, AMKE, HOFI, RTHA, WCSP, SOSP, YRWA, MODO, ANHU

Mammals: California ground squirrel

Reptiles: Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew members conduct invasive species removal in DG-1 and DG-3A targeting mustard, erodium, poison hemlock, and non-native grasses. Crews also conduct irrigation maintenance in DG-3A.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-1 and DG-3A.

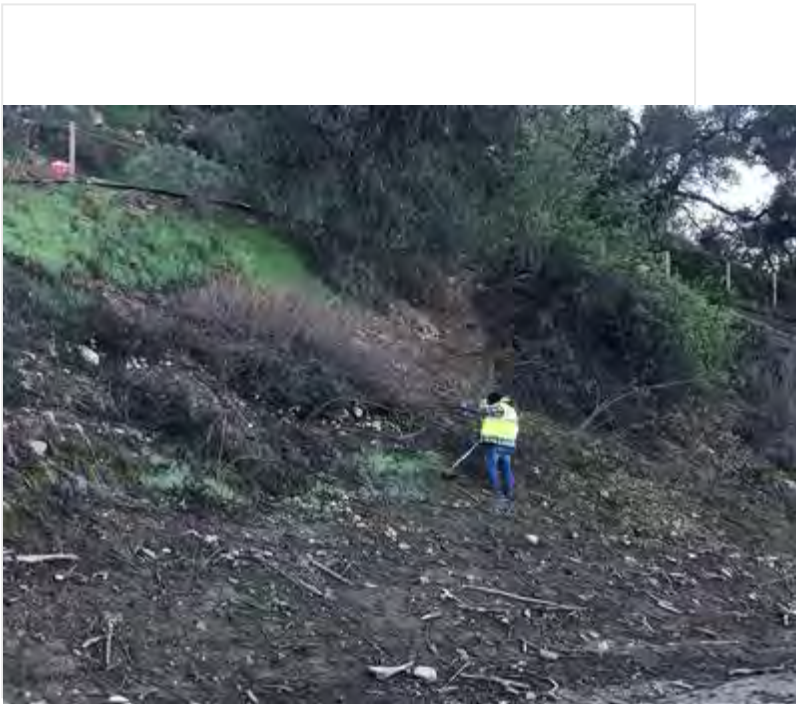
1100: Crews finish work in DG-1 and join crews in DG-3A and start work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-3A and DG-2.

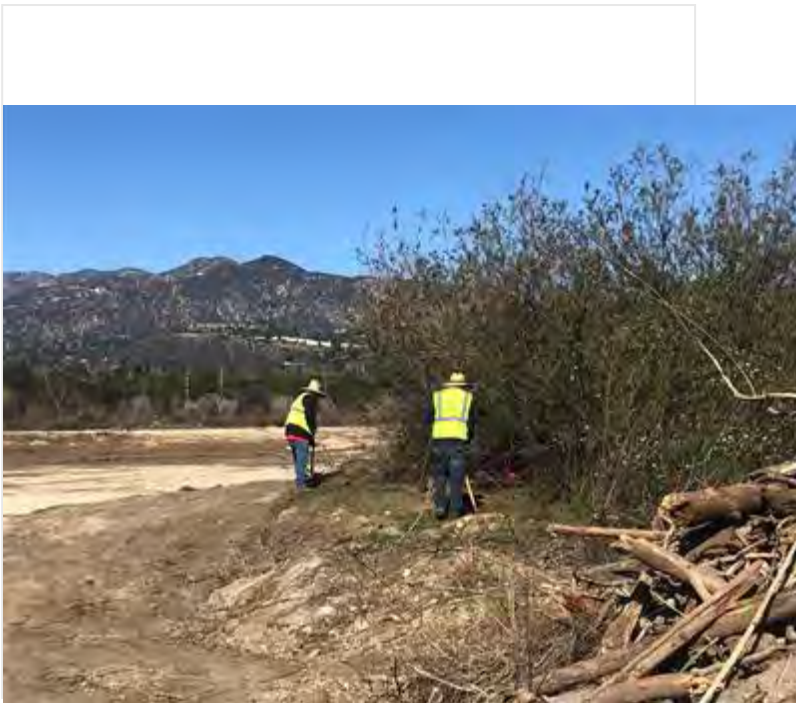
1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_DG-3A_facingSE.jpg

Photo 2



Invasive_species_removal_DG-2_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

0-3

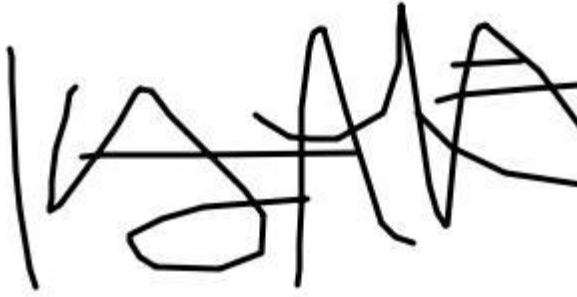
Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'W. A. A.', is centered within a rectangular box. The signature is stylized and somewhat illegible.

signature-20220131-164419.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 27, 2022, 4:15:42 PM

Date of Log

Jan 27, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead. Scott Rose, and Dick Rol present for second half of the day.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU OATI ACWO
AMCO RTHA**

Reptiles: Side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2B. Main target species include pepperweed, mustard and poison hemlock. Part of the crew works trimming grass on the slopes of DG-2.

0900: Crew takes a break.

0915: Crew moves to weed in DG-2

1010: Biologist finds predated song sparrow in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1245: Scott Rose, Duck Rol, Ceaser Olmos and Lela Updegrave do a site walk.

1445: Crew stops work for the day.

Photo 1



Song_sparrow_kill_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Lela V. Kepp", is centered within a white rectangular box. The signature is written in a cursive style with a prominent flourish at the end.

signature-20220128-001528.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jan 27, 2022, 6:50:44 PM

Date of Log

Jan 27, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 16 hand pulling assorted weeds in DG-4 and DG-4A with hand tools and rakes.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, BEWR, WCSP, CATH, SPTO, CALT, BUSH, CASJ, NOFL, RCPA, WEBL, OATI, MODO, CAQU, ANHU, EUCD, RCKI, LEGO, ROPI, YRWA, COHA, ALHU, SOSP, DEJU, BLPH, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

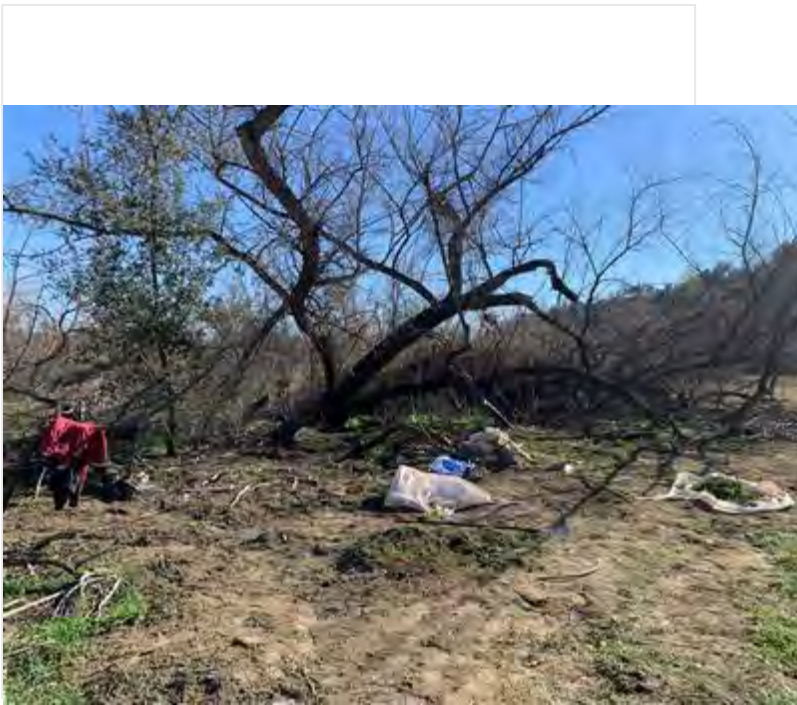
0645: arrived onsite, had a brief check in with crew regarding plan for the day. 0655: monitored vegetation clearing in DG-4 and DG-4A south of DG-5. Crew had finished all weed whacking that could be done in the field and was working with hand tools around the edges. Phacelia ramossisima and Oenothera elata were flagged off, while the primary targets were Raphanus, Hirschfeldia, and bromes. The newly exposed dirt was attracting more wildlife than usual, likely to forage for bugs. Numerous BLPH and WEBL catching insects above the field, CALT and CASJ foraging in dirt below. 1215: removed all old flags, returned to container. 1345: took bi-weekly photo points. 1415: crew began working on cleanup while I continued working on the photo points.

Photo 1



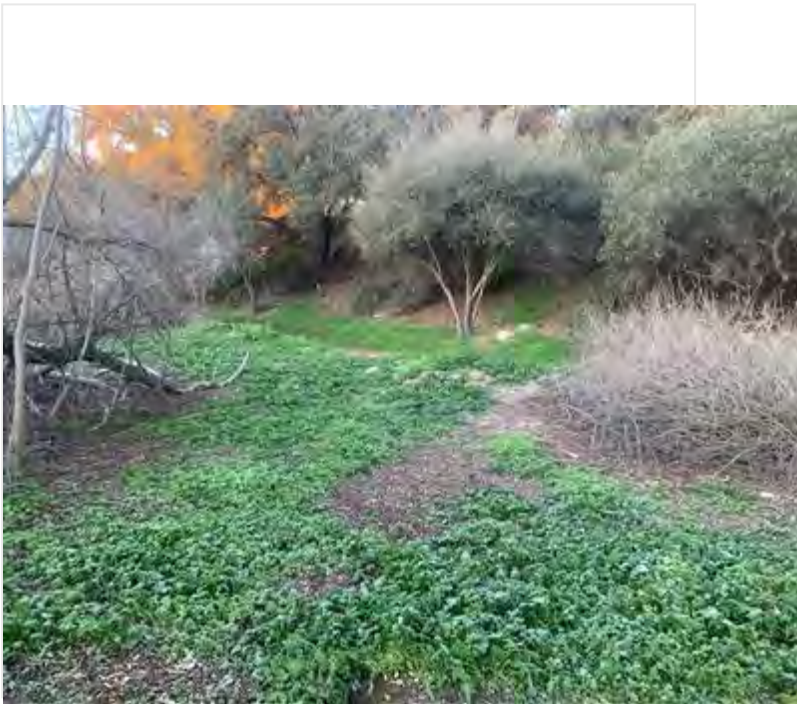
photo_1-pre_weeding_DG_4A_facingE.jpg

Photo 2



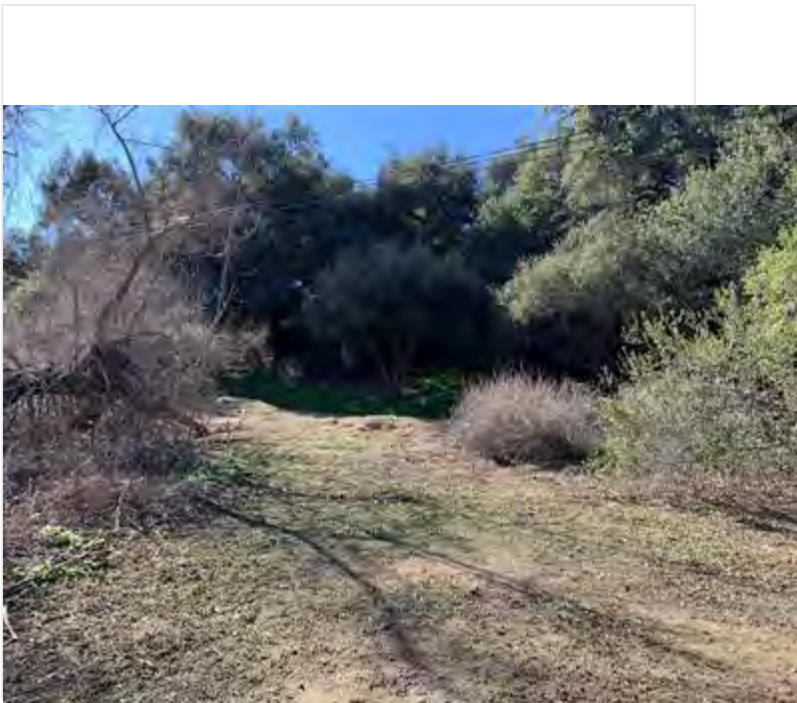
photo_2-post_weeding_DG_4A_facingE.jpg

Photo 3



photo_3-pre_weeding_DG_4A_facingW.jpg

Photo 4



photo_4-post_weeding_DG_4A_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:15

Ending Temperature (°F)

67

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

4

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "M. J. [unclear]", written in a cursive style within a rectangular box.

signature-20220127-184822.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 28, 2022, 3:55:21 PM

Date of Log

Jan 28, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

50

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP WCSP CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU OATI CAGO KILL AMPI
RNDU AMCO ALHU**

Reptiles: Side-blotch lizard, western fence lizard

Mammals: California ground squirrel, cottontail rabbit

Amphibians: western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Main target species include pepperweed, mustard and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to weed in DG-2

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



Crew_DG-2_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "L. L. Updegraff". The signature is written in a cursive style with a large initial "L" and a long, sweeping underline.

signature-20220128-204921.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jan 31, 2022, 3:01:20 PM

Date of Log

Jan 31, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 4 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP WCSP SOSO SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU OATI CAGO
KILL RNDU AMCO SWTH SAPH RTHA**

Reptiles: Side-blotch lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works removing debris left from flooding on the lower road to the parking lot.

0900: Crew takes a break.

0915: Crew returns to work on the lower road.

1020: Crew finishes clearing road and moves to weed in DG-2. Target species include: pepper weed, poison hemlock, mustard and Erodium.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1450: Crew stops work for the day.

Photo 1



Crew_pepperweed_removal_DG-2_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

67

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

95

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lela Hagedorn", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'L'.

signature-20220131-210413.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 1, 2022, 2:05:26 PM

Date of Log

Feb 1, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

80

Construction Activity and Personnel

NI crew of 8 and Daniel Holmes, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CANG, WODU, MALL, AMCO, RNDU, CAQU, BTPI, ECDO, MODO, ANHU, KILL, RSHA, RTHA, ACWO, NUWO, NOFL, RCPA, SAPH, CAKI, HUVI, CSJA, AMCR, CORA, OATI, BUSH, WREN, RCKI, BEWR, CATH, HOFI, LEGO, DEJU, WCSP, SOSP, YRWA, SPTO, CALT, SOSP.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 met crew and discussed nesting bird time of year (feb), and signs to look for. Coyotes in restoration yipping. 0700 walk to site look for nests and weeds (poison hemlock and mustard) in resoration area DG-4 east of channel. Nice growth of elderberry and stinging nettle. Horse hoof prints in channel. 0730 walk through site. Lots of bird singing ANHU, CATH, SOSP, BEWR, SPTO, CALT. 0830 walk site. appears to be many wood rat nests, through restoration. mounded dead twigs, some tunneling below. Leaves have fallen in most drought deciduous trees but oak and eucalyptus. old nests in deciduous trees easily seen. none appear active. 1200, I take a crew of 2 (CORI AND GIO) to pull passionflower vine in 3 different areas in the southern DG4. It is easy to see now as it is one of the only green leaves in the canopy. some have 1"diameter vines. Rest of crew with Daniel continue to weed up north.

Photo 1



Pre-Weed_DG4_facing_S.jpg

Photo 2



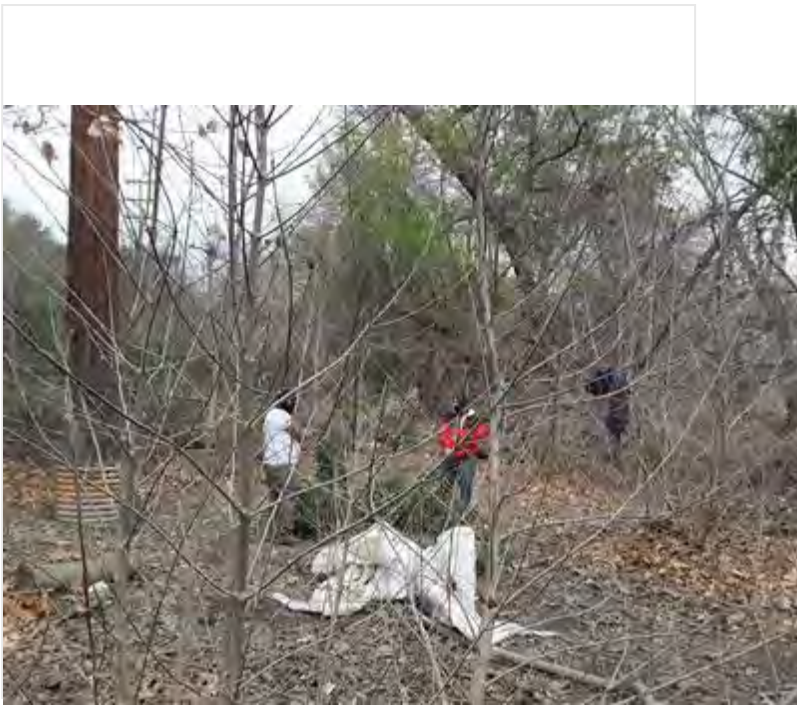
Pre-Weed_DG4_facing_NW.jpg

Photo 3



Post-Weed_DG4_facing_NW.jpg

Photo 4



Post_passionfruit_vine_pull_DG4_southern_end.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

65

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

50

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "D. A. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220201-215735.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 1, 2022, 3:20:55 PM

Date of Log

Feb 1, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP WCSP SOSP SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO KILL Of AMCO
SAPH BUSH BEWR**

Mammals: Coyote, cottontail, pocket gopher

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: pepper weed, poison hemlock, hairy bittercress, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



Crew_working_DG-2_facingSE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

58

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John Upshaw", is centered within a white rectangular box. The signature is written in a cursive style with a distinct loop at the end.

signature-20220201-210513.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 3, 2022, 10:47:53 PM

Date of Log

Feb 2, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

44

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: BUTI, CAGO, MALL, CALT, CASJ, YRWA, HOFI, AMCR, WCSP, ANHU, SOSP, SAPH, BEWR, OATI, ALHU, RTHA

Reptiles: Western Fence Lizard

Mammals: California Ground Squirrel

Amphibians: NA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members begin invasive species removal in Johnson Field and DG-2 targeting erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew members continue invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_DG-2_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

67

Ending Wind Range (MPH)

4-6

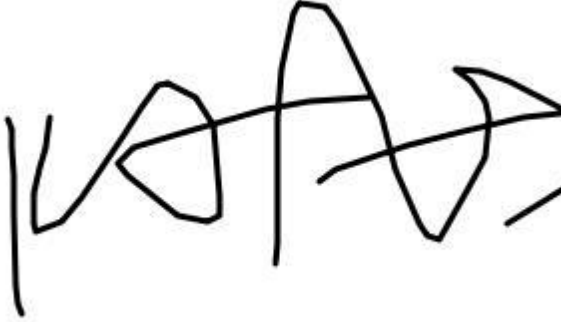
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'K. A. S.', enclosed in a thin black rectangular border. The signature is written in a cursive style with a horizontal line crossing through the letters.

signature-20220204-064739.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 2, 2022, 3:39:13 PM

Date of Log

Feb 2, 2022

Monitor/Biologist

Michael walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

43

Starting Wind Range (MPH)

10-12

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 9 hand pulling poison hemlock and mustard in DG-4, DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, MODO, HOFI, WCSP, NUWO, ANHU, CALT, CASJ, SPTO, RCKI, CAQU, OATI, BTPI, EUCD, MODO, NOFL, WREN, OCWA, RTHA, ACWO, ANHU, MALL, CATH, CAKI, TUVU, COHU, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

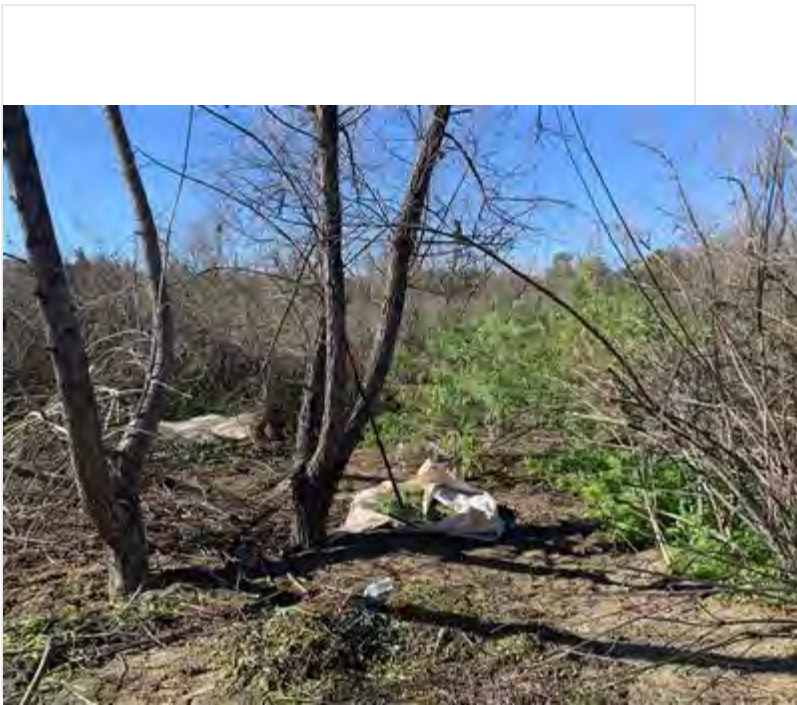
0645: arrived onsite, swept work area for nesting birds. 0655: monitored vegetation clearing in DG-4/DG-4 WOUS just south of the horse trail. Primary targets were mustard and poison hemlock. Almost no natives aside from container plants. Area was a Salix woodland with a Baccharis understory, some planted areas in larger clearings. Frost on ground at start of day. 0800: showed newer members of crew how to identify Cardamine hirsuta. Noted that scrub jays were following crew around to forage in their recently exposed dirt. Lots of bird activity, no indication of nesting yet. 1350: pulled crew out of work area for safety concerns due to high wind gusts (~20 mph estimated). Numerous willows were immediately above them, which have been observed coming down during similar weather events elsewhere on the site. Waited in an open area for a few minutes and decided to forego cleanup until tomorrow because the wind gusts kept picking up. Had a safety meeting about high wind/falling trees and heat-related illnesses. 1420: crew worked on irrigation.

Photo 1



photo_1-pre_pulling_DG-4_WOUS_facingW.jpg

Photo 2



photo_2-post_pulling_DG-4_WOUS_facingW.jpg

Photo 3



photo_3-pre_pulling_DG-4_WOUS_facingW.jpg

Photo 4



photo_4-post_pulling_DG-4_WOUS_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

63

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. A. WASH", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220202-153422.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 23, 2022, 7:45:41 PM

Date of Log

Feb 23, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

37

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

5

Construction Activity and Personnel

Natures image crew of 2 grading with a skid steer and an excavator in DG-4 WOUS, crew of 3 helped with compacting banks using shovels.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOFL, CALT, RSHA, SOSP, CASJ, CATH, MODO, OATI, DEJU, WCSP, NUWO, WBNU, RCPA, RNDU, MALL, CANG, AMCR, AMCO, BLPH, PEFA, SAPH, SPTO, HETH, COHA, CITE, AMWI, KILL, BRSP, ANHU, ALHU, coyote, California ground squirrel, desert cottontail, western toad, western fence lizard.

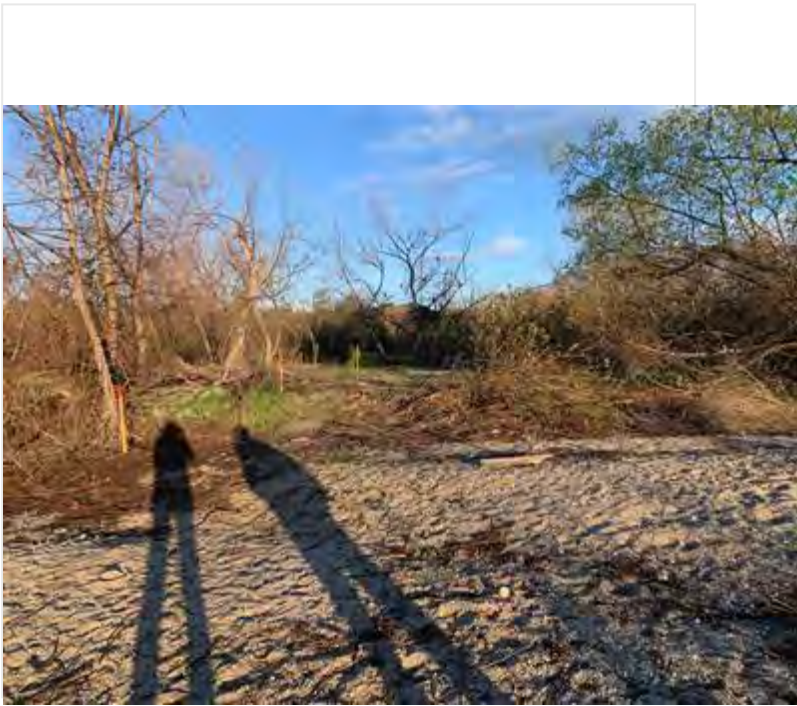
Did You observe any Non-Compliance Issues?

No

Log Entry

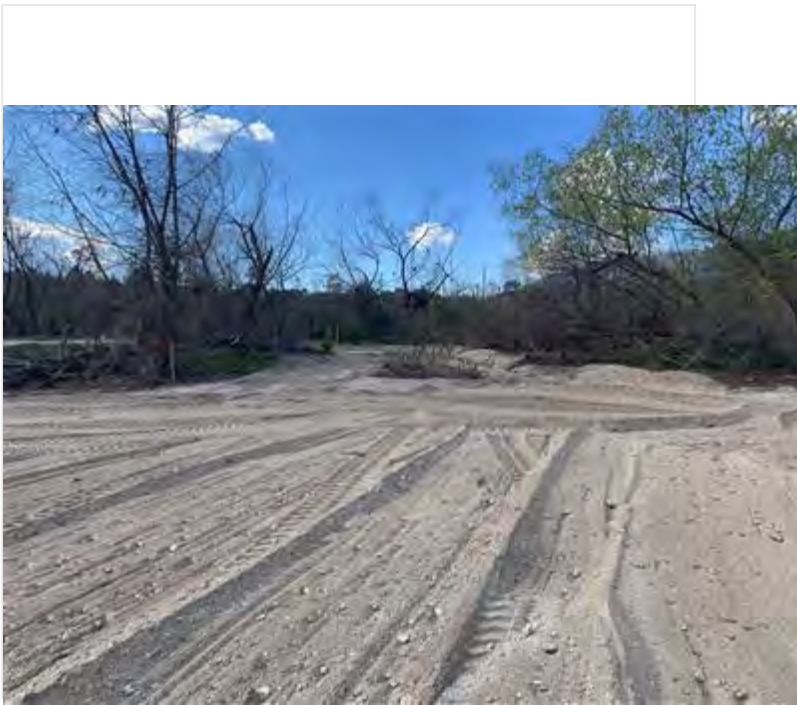
0630: surveyed site while crew set up. 0650: monitored grading in DG-4 WOUS south of the horse trail. Pilolo was driving a skid-steer. Flipped over all logs near an area that was to be buried, relocated a western toad. 0840: 3 crew members came to work on compacting the banks of the channel with shovels. 1330: finished grading most areas south of the horse trail, Pilolo worked on grading/ smoothing out the area that connects DG-4 WOUS to the mining pit on the east side of the mining pit. 1000: grading work entered the buffer of CATH_1 while I observed the nest to ensure the noise did not change its behavior or agitate it. Bird jumped off the nest shortly after the machine started digging (75 feet from nest); had crew move equipment out of buffer (100 ft) and turn it off immediately. Checked nest again 10 minutes later, bird was on nest incubating. Allowed crew to run skid steer outside of buffer and periodically checked nest to ensure the bird was still incubating. Called Lauren Simpson (ECORP) to inform her of the situation. 1400: Pilolo left for the day, Daniel and crew continued working on grading in DG-4 WOUS. 1550: crew stopped digging for the day and worked on other site prep activities that did not require a monitor.

Photo 1



photo_1-pre_grading_DG4-WOUS_facingW.jpg

Photo 2



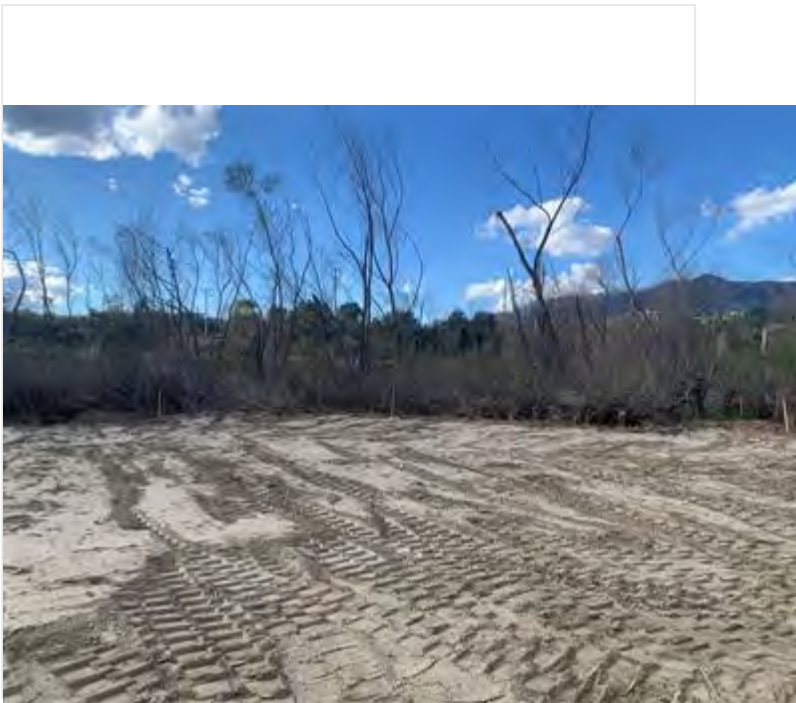
photo_2-post_grading_DG4-WOUS_facingW.jpg

Photo 3



photo_3-pre_grading_DG4-WOUS_facingW.jpg

Photo 4



photo_4-post_grading_DG4-WOUS_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:10

Ending Temperature (°F)

52

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

20

Additional Comments

High wind gusts later in day brought down several snags in the mining pit, verbally reiterated relevant safety issues with crew.

Signature

A handwritten signature in black ink, appearing to read "N. J. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220223-193602.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 5, 2022, 9:01:08 AM

Date of Log

Feb 3, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

35

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 10 including foreman Daniel Holmes, working on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, CASJ, CATH, WCSP, YRWA, ANHU, ALHU, BEWR, WREN, RCKI, BUSH, SPTO, CALT, CORA, AMCR, ACWO, SOSP, MODO, EUCD, HETH, GCSP, HAWO

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew heads to DG-W-2 Mining Pit Outlet south of main dirt parking lot to remove a 20-foot section of piled woodchips at 34.191512°N 118.175702°W that LA County parks personnel neglected to clean up and have washed into the drainage. Area is checked for slender salamanders etc and crew is advised to watch out for terrestrial vertebrates. Very cold with frost down in river bottom. Several earthworms found in dirt/wood debris but no vertebrates seen. Moderate bird activity, no nesting behaviors seen during morning hours. 1230 ACWO seen cleaning out an existing cavity in a willow near work area - no eggs suspected yet. Recorded as ACWO_01 nest in Collector. 1315 dumpster is maxed out in terms of mulch/soil weight so Daniel is having crews spread mulch in an opening in mule fat scrub at 34.191805°N 118.175255°W near central access road (DG-4). Two more locations are also used: 34.191634°N 118.175426°W and 34.191727°N 118.175477°W on west side of central access road (DG-4A).

Photo 1



photo_1-debris_pile_before_removal_DG-W-2_MiningPitOutle...

Photo 2



photo_2-DG-W-2_MiningPitOutlet_after_mulch_removal_facin...

Photo 3



photo_3_discarding_excess_mulch_DG-4_facingN.jpg

Photo 4



photo_4_discarding_excess_mulch_DG-4A_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

02:45

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A. R.', is centered within a white rectangular box. The signature is fluid and cursive, with a prominent initial 'S' and a long horizontal stroke extending to the right.

signature-20220205-170023.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 4, 2022, 3:03:10 PM

Date of Log

Feb 4, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP SOSP SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO MALL RNDU WODU
CITE KILL OATI AMCO RTHA LEGO**

Mammals: Coyote, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-3A. Target species include: pepper weed, lambs quarters, mustard and Erodium.

0820: Crew works on eastern side slopes clearing debris and removing lambs quarter seedlings.

0900: Crew takes a break.

0915: Crew returns to work on the side slope.

1200: Crew breaks for lunch.

1230: Crew returns to work on the side slope.

1445: Crew stops work for the day.

Photo 1



Crew_clear_debris_sideslope_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a distinct loop at the end of the last name.

signature-20220204-211629.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 4, 2022, 4:57:14 PM

Date of Log

Feb 4, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

43

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 9 removing poison hemlock and bromes with line trimmers and removing wood chips from DG-W-2 mining pit outlet.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, MODO, RCPA, WCSP, NUWO, CALT, CORA, ANHU, SPTO, AMCR, CATH, CASJ, WREN, HOFI, OATI, YRWA, SSHA, EUST, CANG, MALL, RNDU, AMCO, EUCD, CAQU, BEWR, unknown Gull, HETH, RCKI, NOFL, DOWO, LEGO, RTHA, desert cottontail, coyote.

Did You observe any Non-Compliance Issues?

No

Log Entry

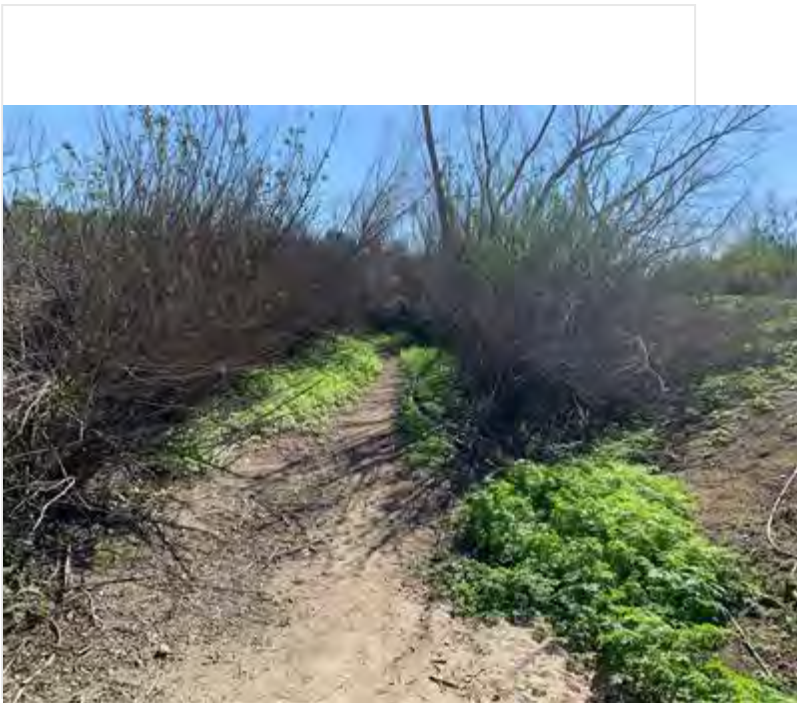
0645: surveyed work area while crew gathered supplies. 0655: monitored removal of wood chips from the mining pit outlet channel. Crew was working near an ongoing ACWO nest excavation discovered by Scott Werner yesterday, individual was not disturbed by crew's presence; as they were out of sight due to a large row of mature Baccharis salicifolia. Told crew to keep music off for the day. 0800: Surveyed areas up the channel for potential targets. Observed 3 coyotes chasing a 4th coyote which was injured and bleeding at high speed. They ran through the channel, threading between crew members, coming within 5 feet of several crew members. 1000: crew was moving further south and further from the ACWO nest. Checked on plants at Hahamongna native plant nursery for upcoming planting efforts. 1045: resumed monitoring wood chip removal. 1130: foreman Daniel Holmes removed poison hemlock and grass with a line trimmer in DG-4 along the horse trail. Monitored this activity, kept a fire extinguisher nearby. 1410: crew began working on cleanup from today's and Wednesday's weeding efforts (cleanup from that day was put off due to safety concerns). Inspected site and picked up trash etc.

Photo 1



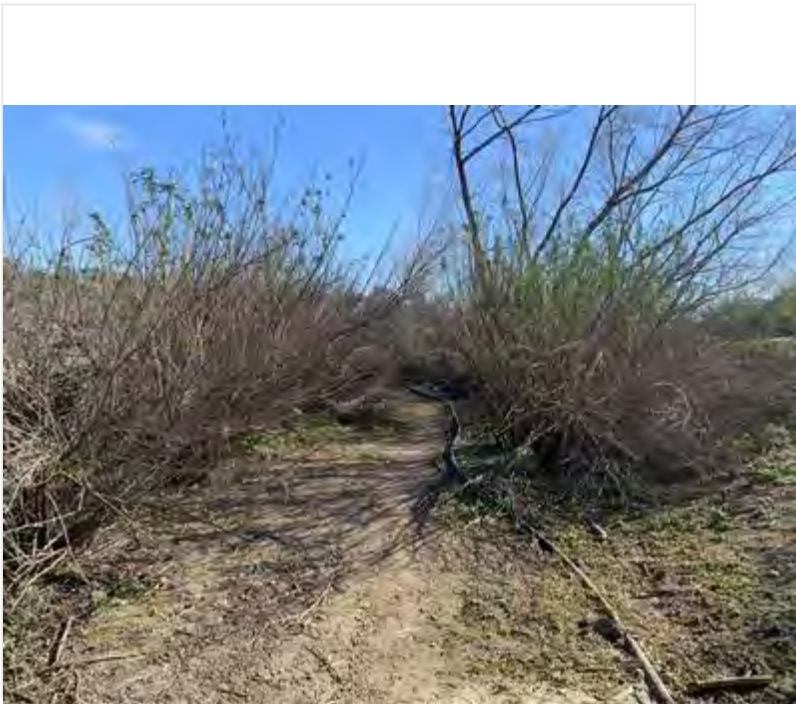
photo_1-woodchip_removal_DG-W-2_MPO_facingS.jpg

Photo 2



photo_2-pre_weeding_DG_4_facingE.jpg

Photo 3



photo_3-post_weeding_DG_4_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

66

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink on a white background. The signature is stylized and appears to be a name, possibly "W. K. W. A. G. H.", written in a cursive or semi-cursive style. The letters are connected and have a consistent thickness.

signature-20220204-165539.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 8, 2022, 6:31:02 AM

Date of Log

Feb 7, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 4 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCSP SOSP SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO MALL KILL OATI
AMCO RTHA BEWR**

Reptiles: side blotch lizard, western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works on the eastern side slopes. Target species include: pepper weed, lambs quarters, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work on the side slope.

1100: Crew switches work area to DG-1. Target species include: Erodium, mustard and grasses.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-1.

1245: Crew finds a beehive in a tree cavity in DG-1.

1445: Crew stops work for the day.

Photo 1



Beehive_tree_DG-1_facingW.JPG

Photo 2



Beehive_DG-1_facingW.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Jela Upend", is centered within a white rectangular box. The signature is written in a cursive style with a prominent vertical stroke for the letter 'l'.

signature-20220207-211638.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 7, 2022, 5:09:13 PM

Date of Log

Feb 7, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 hand pulling and line trimming assorted weeds in DG-4, DG-4 WOUS, DG-4 WOUS connections.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

AMCR, CATH, SPTO, CASJ, MODO, BEWR, CALT, WREN, CANG, MALL, AMCO, CAQU, KILL, NOFL, RCPA, WCSP, coyote, NUWO, ANHU, CORA, ROPI, ACWO, SAPH, LEGO, YRWA, HOFI (Orange morph), RCKI, BUSH, RTHA, HETH, BGGN, California ground squirrel, OATI, TUVU, ALHU, CAKI,

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: performed a nesting bird survey in DG-4 WOUS. 0645: monitored vegetation clearing in DG-4 WOUS south of the horse trail. Crew was using hand tools to remove the understory of mustard in a planted area. 0715: crew began use of line trimmers; 3 crew members were using line trimmers to remove poison hemlock/mustard sprouts in DG-4 WOUS next to the hand pulling crew, who instead shifted focus to removing weeds in areas near mulefat that cannot be accessed by line trimmers. Crew progressed south, finishing off the large clearing south of the horse trail. 1200: crew shifted focus to north side of horse trail in DG-4/ DG-4 WOUS/ DG-4 WOUS connections. Crew progressed north, working in the large clearing just north of the horse trail. Lots of birds singing throughout the day, but no signs of nesting. 1605: crew began wrapping up pulling while I inspected the site.

Photo 1



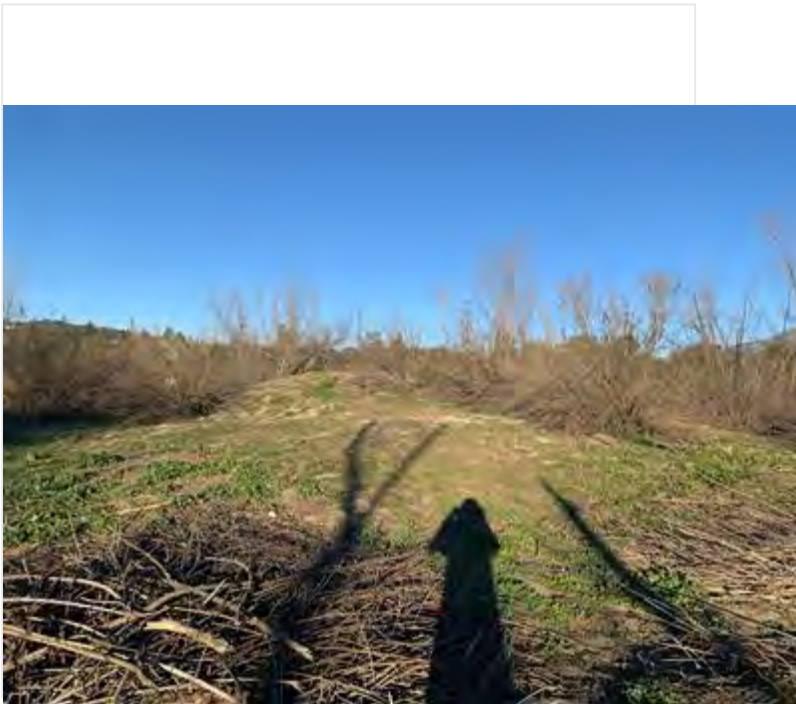
photo_1-pre_weeding_DG-4_WOUS_facingW.jpg

Photo 2



photo_2-post_weeding_DG-4_WOUS_facingW.jpg

Photo 3



photo_3-pre_weeding_DG_4_facingW.jpg

Photo 4



photo_4-post_weeding_DG_4_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:15

Ending Temperature (°F)

75

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. W. S. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220207-170640.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 9, 2022, 11:43:41 AM

Date of Log

Feb 8, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LEGO WEBL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO MALL KILL AMCO
RTHA**

Reptiles: Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works on the western side slopes. Target species include: pepper weed, lambs quarters, mustard and Erodium.

0900: Crew takes a break.

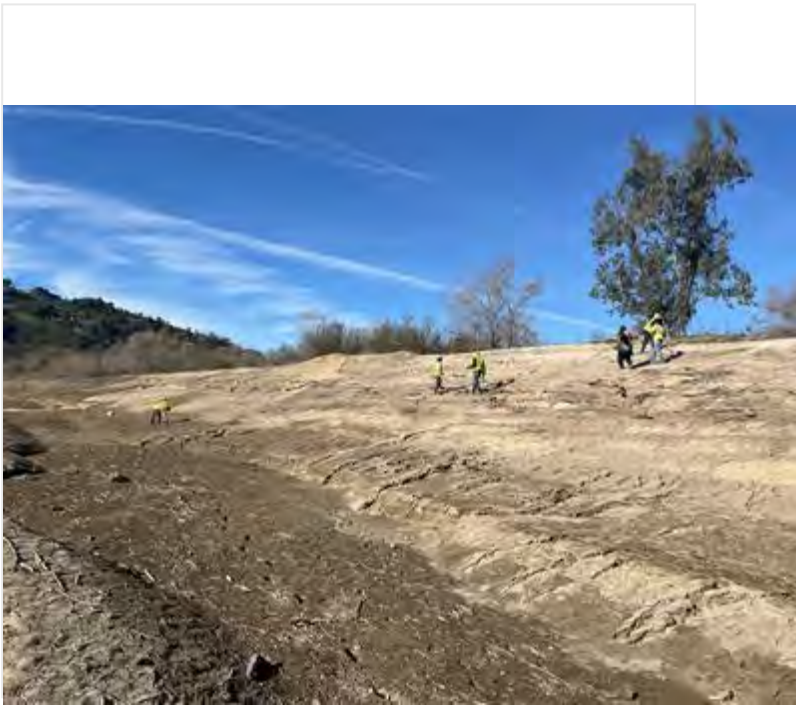
0915: Crew returns to work on the side slope.

1200: Crew breaks for lunch.

1230: Crew returns to work on side slope.

1445: Crew stops work for the day.

Photo 1



Crew_sideslope_facingSW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "K. M. Adams", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'K'.

signature-20220208-211617.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 8, 2022, 6:15:47 PM

Date of Log

Feb 8, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 10 removing weeds in DG-4, DG-4 WOUS with hand tools and line trimmers.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, RCPA, AMCR, CASJ, NUWO, BUSH, CALT, CATH, WEBL, WREN, BEWR, GRRO, RTHA, HETH, SOSP, HOFI, YRWA, WCSP, RCKI, desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: arrived onsite, gave a new employee WEEP training. 0650: monitored vegetation clearing in DG-4 and DG-4 WOUS near the horse trail. Crew was hand pulling at the start of the day. Area was a Salix woodland with an understory of Baccharis and Conium. Almost no small herbaceous natives in the work area. 0730: crew wanted to use line trimmers slightly south of the current area so I surveyed the area for nesting birds beforehand. Found a CALT nest, which had been disturbed by what looks like a trespasser recently (see notes). Nest was initially empty and presumed failed. 5 minutes later I went back for a photo and the nest was occupied by an adult CALT. Set up a 100 foot buffer and advised crew to avoid. Buffer larger than usual to account for the extreme disturbance that likely happened over the weekend. Discussed this situation with Lauren Simpson (ECORP) and Margie Pfeffer. 0745: swept a similar area outside of the buffer near the mining pit. Cleared crew to use line trimmers. 3 crew members were using them; monitored these activities. 1030: informed ICF monitor Lela about the nest, who was working nearby on the slope. 1200: heat was in high 70s, lower bird activity than last few weeks. Crew continued working. 1430: found an inactive bushtit nest in DG-4 WOUS that was likely from 2022. Put on collector. 1520: asked crew to move a downed tree from some container plants in the channel. Snag was placed as close as was possible to minimize chances of pathogen spread. 1620: crew began wrapping up pulling while I inspected the site.

Photo 1



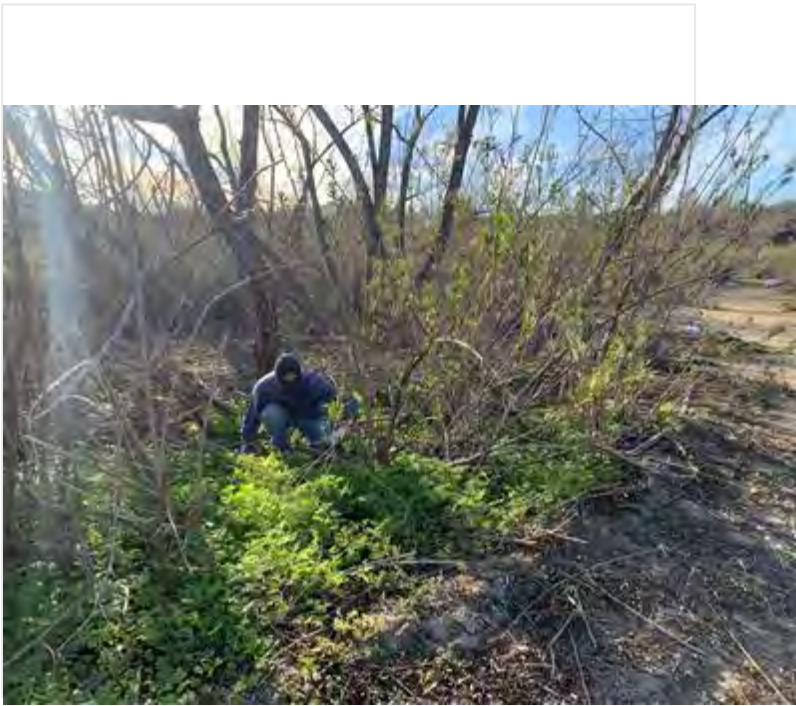
photo_1-pre_weed_removal_DG4_facingN.jpg

Photo 2



photo_2-post_weed_removal_DG4_facingN.jpg

Photo 3



photo_3-crew _hand_pulling_DG-4_facingSE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Someone has been building small huts on the site using logs and large Sambucus branches cut from our container plants. The CALT nest referenced above was about 20 feet from one such hut that had been constructed over the weekend (based on level of wilt in leaves). The main branch that the nest was constructed upon had clearly been broken about 1 foot distal to the nest by these people and left to hang, likely after realizing that they had just almost destroyed a bird nest. Numerous cut branches in immediate vicinity of nest on other container plants. Most branches taken are of significant size. Lots of trampled vegetation nearby.

Signature

A handwritten signature in black ink on a white background. The signature is written in a cursive, somewhat stylized font. It appears to consist of three main parts: a large 'M', a smaller 'A', and a final, more complex and scribbled-out section that could be interpreted as 'M' or 'K'. The overall impression is that of a quick, possibly hurried, signature.

signature-20220208-181257.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 9, 2022, 4:56:59 PM

Date of Log

Feb 9, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4B and DG-W-2 (Mining Pit)

Hand tools, tarps, rakes

Ten crew members includes: Natures Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, NUWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, EUST, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, NOMO, BLPH, CATH, NOFL, DEJU, CAQU, WEBL, RSHA, CAKI, ALHU, family of coyotes

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30 bio and crew arrived onsite for a quick tailboard with foreman Daniel.

700: bio double checked status on inactive BUSH at Mike's request. Nest updated. Obs an adult and 2 or 3 young coyotes. Scared ran away.

800: The crew mostly hand pulled veg state mustard and hemlock, because there were too many natives mixed in. Biologist checked over areas that crews are removing, continuously throughout the day. Natives were marked out with pin flags for avoidance. Bird species seem to be more active, singing and foraging through the morning. Biologist surveyed ahead of crew for nesting birds. In the mining pit, BEWR pair were obs courting and SOSP were obs courting. Morning are very cold, but by 9:30am, the temp warms significantly.

11am, at lunch, biologist checked the removed piles, and noticed that a few natives were pulled, so biologist reviewed the plants with the crew.

1400: BUSH nest discovered (building) in oak above road adjacent primrose field.

1700: biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



VegClear_remove_facingW.jpg

Photo 2



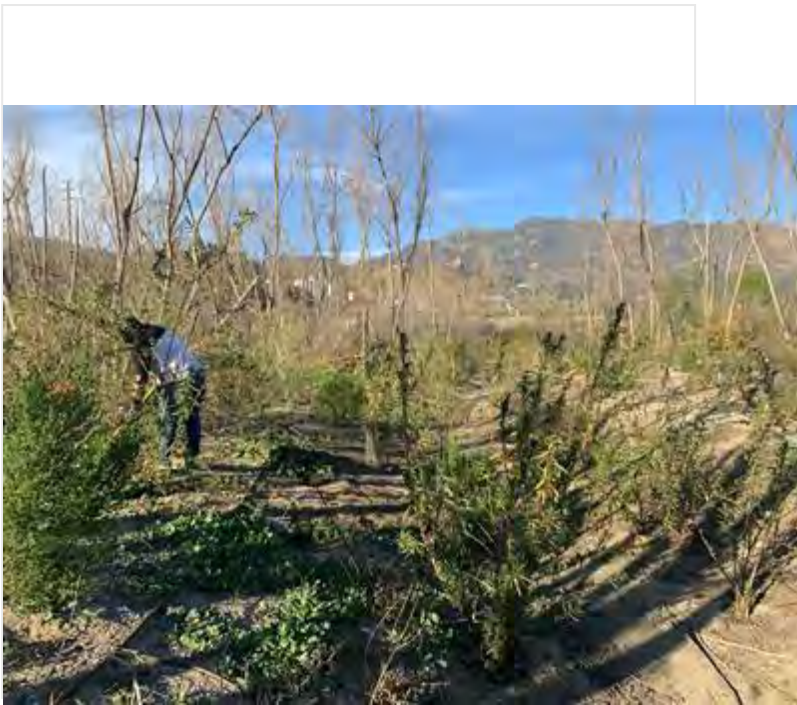
VegRemove_after_facingW.jpg

Photo 3



Veg_clear_After_facingW.jpg

Photo 4



VegRemove_during_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

17:00

Ending Temperature (°F)

82


Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'A' followed by a long, horizontal, slightly wavy line extending to the right.

signature-20220209-192744.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 9, 2022, 6:00:07 PM

Date of Log

Feb 9, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LEGO WEBL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO MALL KILL AMCO
RTHA BEWR**

Reptiles: Western fence lizard

Mammals: Coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works on the western side slopes. Target species include: pepper weed, lambs quarters, mustard and Erodium.

0900: Crew takes a break.

0915: Crew switches work area to DG-2 and DG-2B.

1125: Crew finds a dead juvenile red-tailed hawk in DG-2B. The cause of death is unknown, but it does not appear to be work-related. There is a large gash in the upper right side of the carcass.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



RTHA_carcass_DG-2B.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

88

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Leh Upson", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end.

signature-20220209-194738.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 10, 2022, 3:13:07 PM

Date of Log

Feb 10, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

69

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: TUVU SAPH WEBL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU CAGO MALL KILL
AMCO RTHA BEWR NUWO**

Reptiles: Western fence lizard, alligator lizard

Mammals: Cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: pepper weed, poison hemlock, grasses, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



Aligator_lizard_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

83

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lela Vpdizova", is centered within a white rectangular box. The signature is written in a cursive style with a distinct loop at the end of the last name.

signature-20220210-212207.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 10, 2022, 7:43:43 PM

Date of Log

Feb 10, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

72

Starting Wind Range (MPH)

10-12

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 10 removing weeds with line trimmers and hand tools in DG-4, DG-4A; foreman Daniel Holmes used the excavator to decompact the tire wash.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

AMCR, SPTO, BEWR, LEGO, CATH, WCSP, ANHU, YRWA, ACWO, CALT, RCPA, BUSH, CANG, MALL, AMCO, CASJ, WREN, NOFL, MODO, CAQU, NUWO, SAPH, western fence lizard, coyote, desert cottontail,

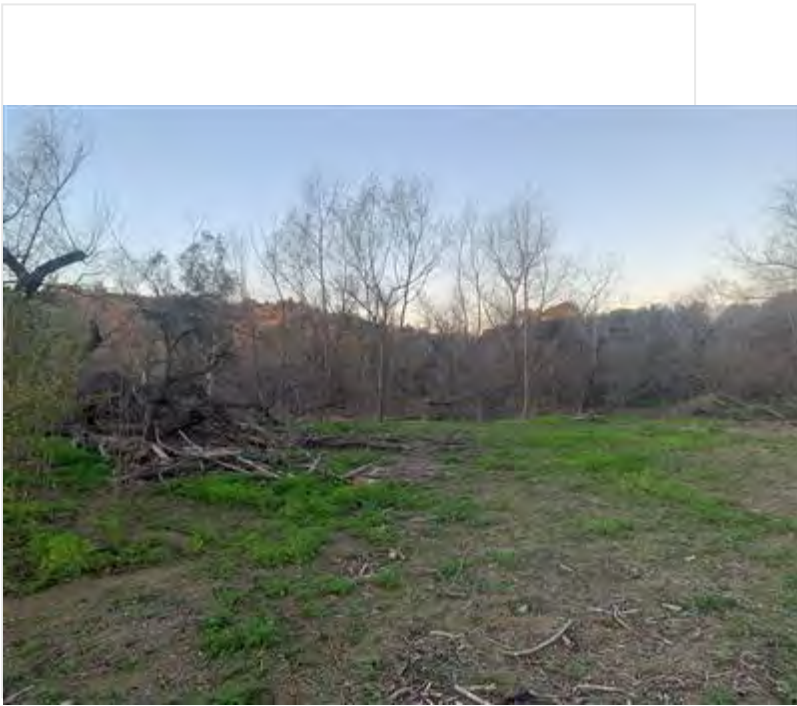
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area for nesting birds while crew gathered tools etc. 0645: monitored vegetation clearing in DG-4/DG-4A near a planted area south of the boulder field. Foreman Daniel Holmes prepared the excavator for use. 1100: spotted foreman Daniel Holmes as he moved the excavator to the tire wash. After break, I surveyed the area for nests. 1230: resumed monitoring vegetation clearing while Daniel Holmes used the excavator near the tire wash to decompact the soil. Veg clearing progressed as before, crew was avoiding Phacelia and Erigeron canadensis and targeting mustard/poison hemlock. Lots of lizard activity for this time of year. 1500: began taking bi-weekly photo points. 1600: resumed monitoring vegetation clearing. 1620: crew began wrapping up pulling while I inspected the area.

Photo 1



photo_1-pre_weeding_DG4A_facingSW.jpg

Photo 2



photo_2-post_weeding_DG4A_facingSW.jpg

Photo 3



photo_3-pre_weeding_DG4_facingSW.jpg

Photo 4



photo_4-post_weeding_DG4_facingSW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

77

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. N/A", is centered within a white rectangular box. The signature is stylized and somewhat illegible.

signature-20220210-194052.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 14, 2022, 7:31:39 AM

Date of Log

Feb 11, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

- 1. Invasive species removal, planting mule fat cuttings.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAGO AMCR HOFI ANHU SAPH BLPH HOFI WCSP OATI SOSP CASJ YRWA MALL CALT RTHA ALHU

Reptiles: Western Fence Lizard

Mammals: CA ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members begin invasive plant removal in Johnson Field targeting mustard, poison hemlock, and non-native grasses.

0710: Two crew members begin planting mule fat cuttings in DG-3A.

0900: Crew takes a break.

0915: Crews continue planting mule fat cuttings in DG-3A while other crew continues invasive plant removal in Johnson Field and DG-2.

1130: Crew planting cuttings finishes task and starts weeding in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

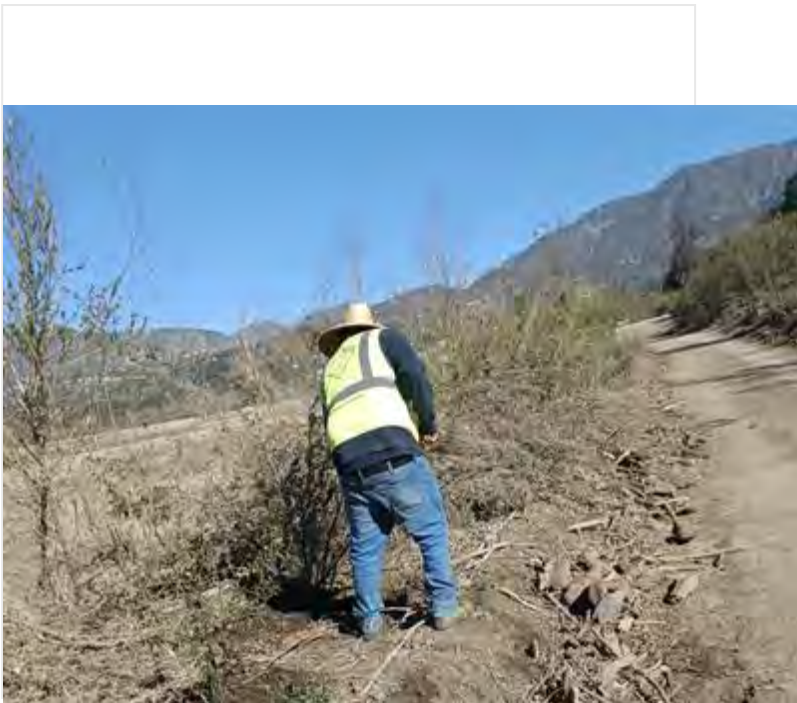
1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_Johnson_Field_facingNW.JPG

Photo 2



Planting_cuttings_DG-3A_facingN.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:50

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6

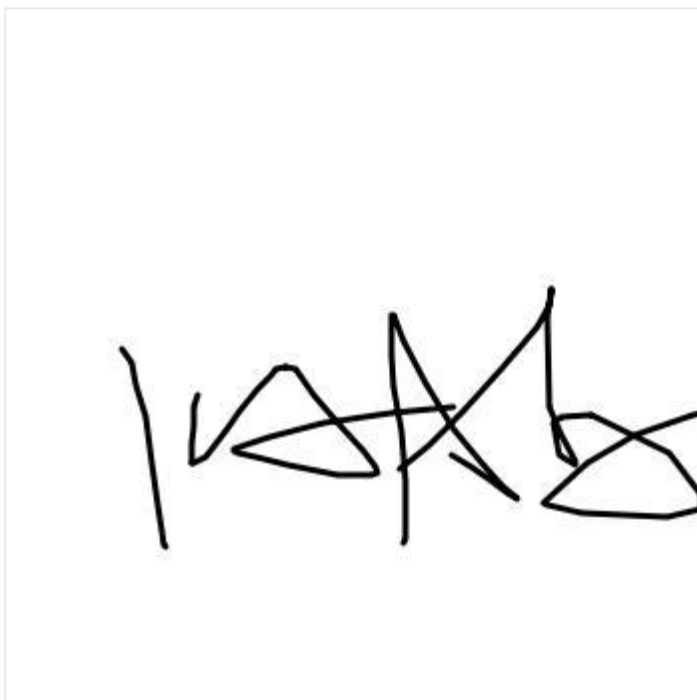
Ending Cloud Cover (%)

0

Additional Comments

My phone crashed while on site and I had to add other pictures I had saved on my phone. I'm not sure if the names saved but the first photo should be Invasive_species_removal_Johnson_Field_facingNW and the second photo should be Planting_cuttings_DG-3A_facingN.

Signature



signature-20220214-153104.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 14, 2022, 3:58:03 PM

Date of Log

Feb 14, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: WEBL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ALHU AMCO RTHA BEWR NUWO

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Target species include: pepper weed, poison hemlock, grasses, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in Johnson Field.

1445: Crew stops work for the day.

Photo 1



Crew_johnson_field_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A square box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "L. L. Upkey".

signature-20220214-213408.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 14, 2022, 5:25:03 PM

Date of Log

Feb 14, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 11 hand pulling and line trimming weeds in DG-4 and DG-4A near the boulder field

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BUSH, AMCR, NOFL, CALT, SPTO, RCPA, ANHU, MALL, CASJ, ACWO, COHA, CATH, BEWR, BTPI, LEGO, WCSP, YRWA, RCKI, OCWA, SOS, WEBL, EUCD, MODO, CAKI, coyote, desert cottontail, BUFF, AMCO, RUDU, BLPH, KILL, RNDU, California ground squirrel, western fence lizard, common side blotched lizard, STJA, RTHA, OATI, HOFI, DCCO, fox squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew gathered tools etc. 0645: cleared crew to work. Monitored vegetation clearing in DG-4 just south of the boulder field. The area had become overgrown by Conium, Hirschfeldia and Cardamine. Sparse herbaceous natives in southeast corner of planted area, primarily Phacelia and Erigeron. 0730: surveyed the tire wash for foreman Daniel Holmes. Found a hummingbird nest near the Berkshire drainage outside of the restoration area while walking back. Buffer is fully outside of the restoration area, but I logged it on collector so that it can be used as a reference if need be. 0900: photographed trees which are to be removed and put them on collector. 1130: one crew member was put on a line trimmer in the boulder field just north of the rest of the crew. Only targeted larger Conium/Hirschfeldia patches. Monitored these activities while checking on hand pulling crew. 1620: crew began wrapping up pulling/line trimming while I inspected the site.

Photo 1



photo_1-pre_pulling_DG4_facingS.jpg

Photo 2



photo_2-post_pulling_DG4_facingS.jpg

Photo 3



photo_3-pre_cutting_DG4A_facingNE.jpg

Photo 4



photo_4-post_cutting_DG4A_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Willows are leafing out at and below the line of submergence on the south side, and at the high crown in places where there was no standing water.

Signature

A handwritten signature in black ink, appearing to read "N. H. W. A. S.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220214-172330.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 15, 2022, 4:17:09 PM

Date of Log

Feb 15, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: SAPH COHA WEBL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU AMCO RTHA BEWR
NUWO BUSH OATI NOFL**

Mammals: CALIFORNIA GROUND SQUIRREL

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Target species include: pepper weed, poison hemlock, grasses, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at Johnson Field.

1125: It starts to lightly rain.

1200: Crew breaks for lunch.

1230: Biologist observes two red-tailed hawks defending territory from another RTHA.

1230: Crew returns to work in Johnson Field.

1300: Crew members find mouse with pinkies nesting under a piece of wood. Biologist flags off nest to avoid potential impacts.

1445: Crew stops work for the day.

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

55

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

90

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lohr V. Allen", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'L'.

signature-20220215-210613.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 15, 2022, 6:00:08 PM

Date of Log

Feb 15, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 2 clearing vegetation with a fecon mulcher in DG-4 WOUS, DG-4 WOUS connections

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BGGN, CALT, AMCR, SPTO, RTHA, YRWA, NOFL, BEWR, RCPA, CATH, CASJ, ANHU, CANG, KILL, WCSP, ANHU, NUWO.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: arrived onsite, surveyed work area for nesting birds while Raul set up the mulcher. 0730: monitored vegetation clearing with a mulcher in DG-4 WOUS connections near the south side of the mining pit. Instructed Raul to avoid all standing trees in the area. 0930: monitored vegetation clearing in DG-4 WOUS near the basin just south of the horse trail. Disassembled several small Woodrat middens to be sure that none would be injured during mulching before clearing Raul to start. Had Daniel remove a few piles of downed veg by hand to minimize use of mulcher in areas near the CALT_1 buffer. 1200: checked on CALT_1. Discovered that the bird was a CATH (a small part of the tail was all that was seen when I discovered the nest last week because the bird had been sitting too low, and it was acting so skittish that I didn't want to get any closer at the time) Still on nest. Mulched a small area within the nest buffer. Bird was directly observed by Scott Werner while I watched the mulcher next to him. Bird did not change its behavior, finished the area in 5 minutes and left. 1205: continued monitoring mulching in DG-4 WOUS. 1345: started mulching north of the horse trail. Monitored. 1415: Raul finished for the day. I surveyed the work area, and the area to be mulched tomorrow for nesting birds. Photographed a snag for Lauren Simpson related to a bat survey. Found a few very large Woodrat middens that needed to be avoided. Walked area with Daniel Holmes and showed him all middens/reiterated the plan for tomorrow.

Photo 1



photo_1-pre_mulching_DG-4-WOUS-Connections_facingN.jpg

Photo 2



photo_2-post_mulching_DG-4-WOUS-Connections_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:00

Ending Temperature (°F)

54

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

100

Additional Comments

Scattered rain throughout day.

Signature

A handwritten signature in black ink, appearing to be "N. K. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220215-174014.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 15, 2022, 4:15:03 PM

Date of Log

Feb 15, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 8 hand-pulling on the west side of project area, foreman = Oscar Ortiz.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CORA, TUVU, RTHA, NOFL, CASJ, CALT, CATH, SPTO, SOSP, YRWA, CAKI, WEBL, LEGO, BEWR, ANHU, ACWO, RCKI

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew starts at boulder field, pulling Conium, Hirschfeldia, Erodium, Cardamine hirsuta, Medicago, Lepidium in the open area (DG-4A) and into the mule fat scrub (DG-4), vicinity of 34.190829°N 118.174810°W. Nearby willow and cottonwoods still have winter-dormant foliage, and mule fats are relatively bare from the drought and winter, so virtually no suitable nesting habitat in the area. 1130 light rain showers. 1215-1230 Mike required assistance with brush grinder and monitoring a CATH nest. I nest-searched in the planted area on my way back to weed abatement crew and didn't find anything. 1500 crew is done at this location. I head south to survey the next site, vicinity of 34.190105°N 118.175352°W, DG-4. No bird nesting but there are a lot more native forbs mixed with Conium, Erodium, Lepidium, Hirschfeldia, Raphanus, Cardamine: abundant sprouts of Erigeron canadensis, Phacelia ramosissimum, possibly Camissoniopsis, and possible Phacelia campanularia (?) or similar - not flowering yet. 1615 starting to rain/hail. Crew is done pulling.

Photo 1



photo_1_before_hand-pulling_DG-4_facingNE.JPG

Photo 2



photo_2_after_hand-pulling_DG-4_facingNE.jpg

Photo 3



photo_3_after_hand-pulling_DG-4_facing_E.jpg

Photo 4



photo_4_hand-pulling_DG-4_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:15

Ending Temperature (°F)

53

Ending Wind Range (MPH)

10-12


Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Soy N", is centered within a rectangular box. The signature is written in a cursive style with a large initial "S" and a distinct "N".

signature-20220216-001405.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 18, 2022, 9:18:53 AM

Date of Log

Feb 16, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: SAPH COHA SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU AMCO RTHA BEWR BUSH OATI

Reptiles: Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field. Target species include: pepper weed, poison hemlock, grasses, mustard and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in Johnson Field.

1445: Crew stops work for the day.

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

62

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John W. Adams", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220216-210229.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 16, 2022, 2:03:50 PM

Date of Log

Feb 16, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image operator removing vegetation in DG-4 WOUS with Fecon machine

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATO, CALT, NOFL, RCKI, NUWO, ANHU, CASJ, COHA, CORA, cottontail, wood rat, BEWR, SPTO

Did You observe any Non-Compliance Issues?

No

Log Entry

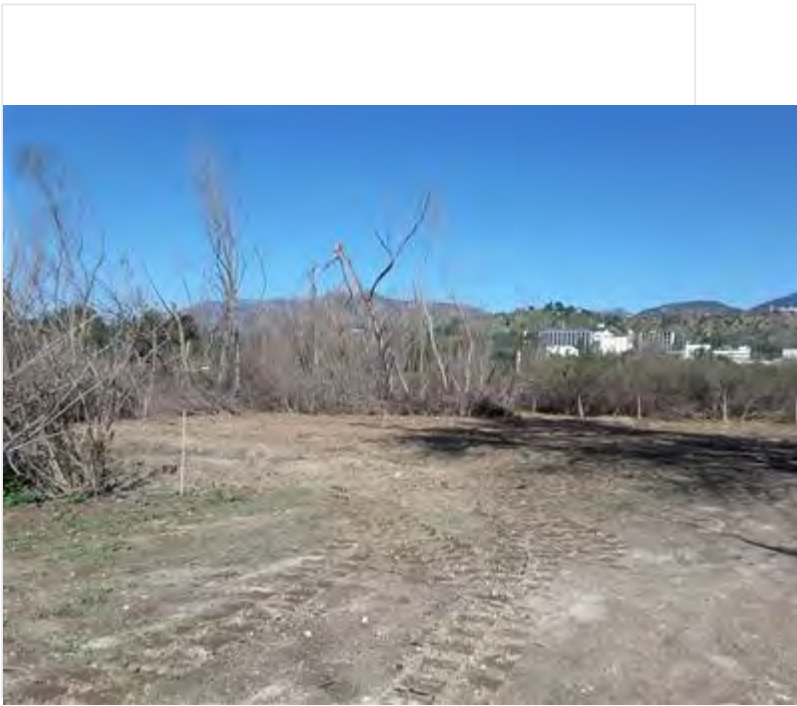
0630 checked area where weeding crew would be working. 0645 walked mulching area with foreman. 0730 Operator began veg removal from east to west from DG-4 WOUS graded road. Avoiding large midden complex. Will get ECORP approval before removing. 0930 finished first area and moved east to next area. Will avoid two middens here. 1000 Finished area 2 and walked with foreman, operator to scope out remaining three areas. 1045 finished area 4. Continued veg removal until 1345. Finished and will have ECORP check progress/make final adjustments on 2/22.

Photo 1



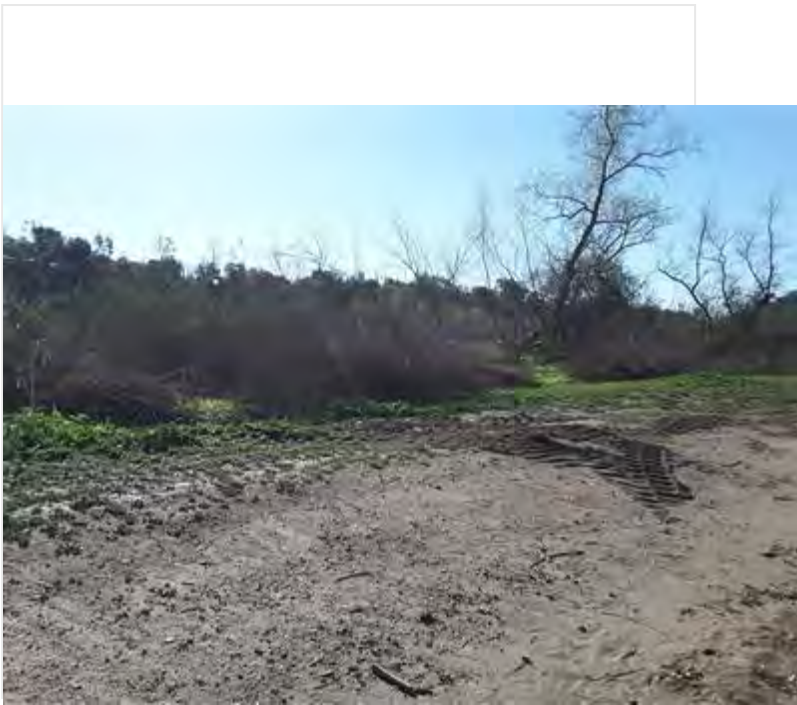
Veg removal_before_facingNW.jpg

Photo 2



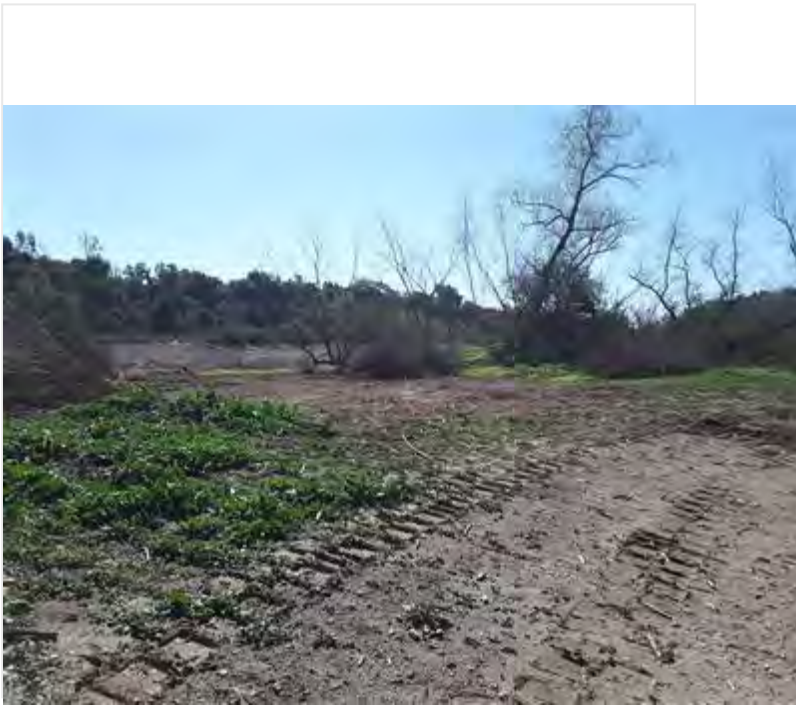
Area1_afterVegRemoval.jpg

Photo 3



Area2_before_facingSE.jpg

Photo 4



Area2_After.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

64

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Margaret R. Pfl", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'M' and 'P'.

signature-20220216-214021.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 17, 2022, 1:34:44 PM

Date of Log

Feb 16, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

44

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 10 hand-pulling on west side of project area. Oscar Ortiz is foreman while Daniel supervises brushing crew.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, NOFL, RCPA, CASJ, CALT, WREN, YRWA, BUSH, LEGO, CANG, ANHU, NUWO, BEWR, EUST, RCKI, WCSP, w fence liz, side-blotched liz, RTHA, RSHA, CAQU

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 weeding crew starts in open area by boulders (34.191144°N 118.175421°W), DG-4A: ground cover is primarily non-native Conium, Lepidium, Cardamine hirsuta, Hirschfeldia, with a few native Erigeron canadensis. Herbaceous growth in the adjacent planted area is also nearly 100 percent non-native cover, at least along the north side. Fairly slow progress, we instructed one of the guys to not pull up as much soil as he was doing, with a regular hoe. The hula hoes are much better scraping the surface without turning up as much soil, but they are in limited supply today. No nesting activity observed in this area. 1600 crew is done pulling and is tarping.

Photo 1



photo_1-hand-pulling_DG-4A_facingW.jpg

Photo 2



photo_2_after_hand-pulling_DG-4A_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:00

Ending Temperature (°F)

62

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'SMA', followed by a long horizontal line extending to the right. The signature is contained within a rectangular box.

signature-20220217-000051.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 22, 2022, 6:34:18 PM

Date of Log

Feb 17, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal**
- 2. Hand pulling/hand tools and one line trimmer**
- 3. Gothic Landscaping, crew of 6 plus Cesar Olmos crew lead**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAGO LEGO RTHA MODO CASJ ANHU SAPH HOFI WCSP HUVI ALHU CORA BUTI BLPH CATH CALT MALL

Mammals: coyote

Reptiles: western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 arrived on site.

0635 safety meeting with crew.

0645 crew of four begins work hand-pulling invasive species in Johnson Field targeting mustard sprouts, poison hemlock, non-native grasses while crew of two uses the line trimmer in Johnson Field.

0900 crew breaks.

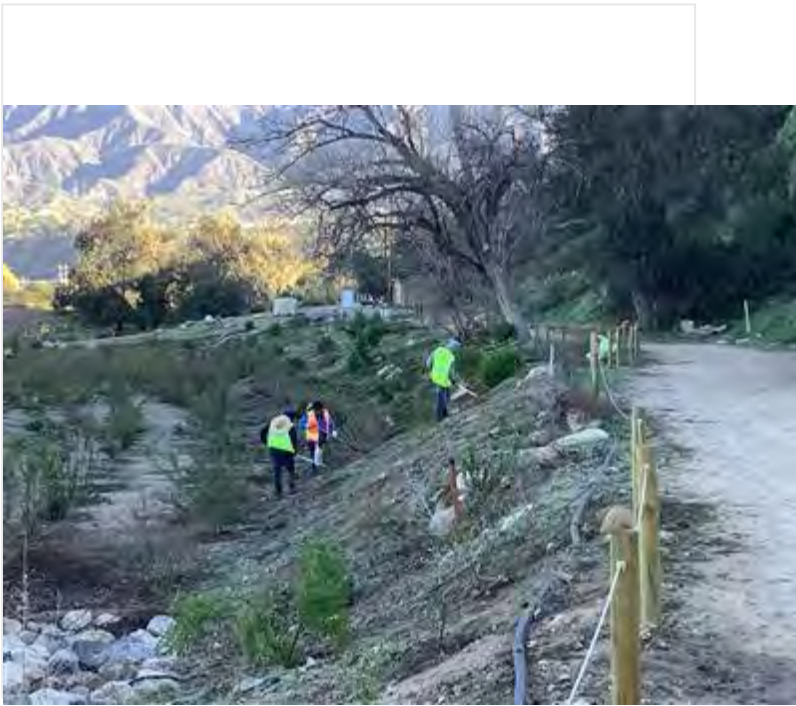
0915 both crews finish work in Johnson Field and begin work hand-pulling in DG-2.

1200 crew breaks for lunch.

1230 crew returns to work in DG-2.

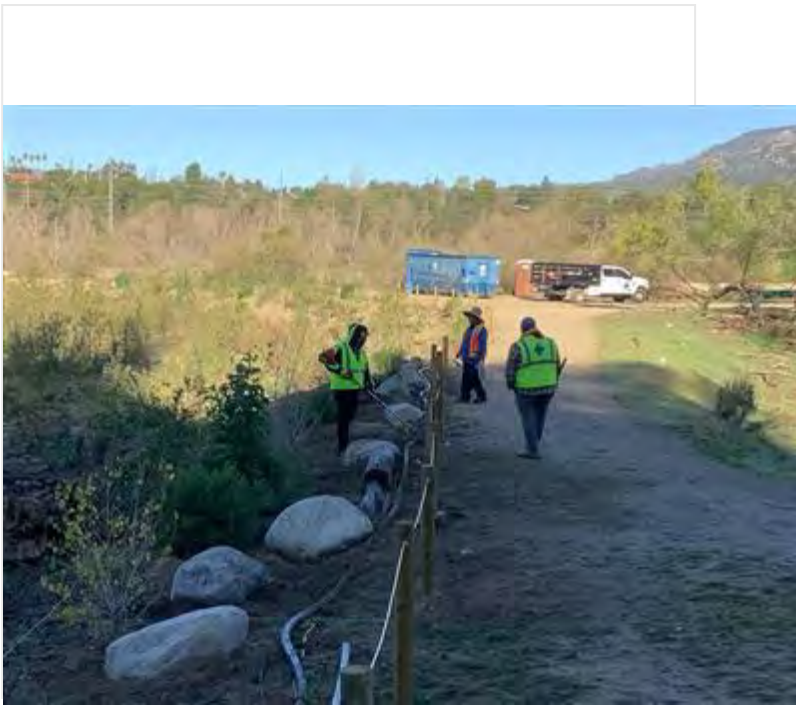
1445 crew finishes work for the day.

Photo 1



photo_1-20220217-162029.jpg

Photo 2



photo_2-20220217-162522.jpg

Photo 3



Coyote_facingW.jpg

Photo 4



Invasive_species_removal_DG-2_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:55

Ending Temperature (°F)

71

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

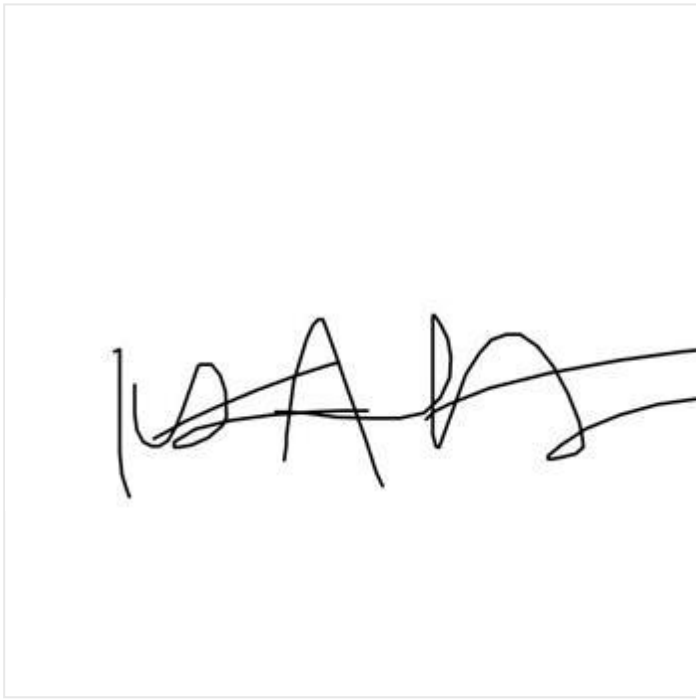
The first two photos would not let me change the name.

Photo 1 - Invasive_species_removal_Johnson_Field_facingN

Photo 2 - Invasive_species_removal_Johnson_Field_facingW

Biologist conducted nesting bird surveys in Johnson Field and DG-2 as crew worked.

Signature



signature-20220223-023336.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 17, 2022, 7:18:34 PM

Date of Log

Feb 17, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 4 working on irrigation in the mining pit and vegetation removal in DG-4 WOUS/DG-4

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, BUSH, WCSP, AMCR, STJA, SPTO, SOSP, OATI, DEJU, YRWA, CASJ, ACWO, OCWA, LEGO, ANHU, RTHA, NOFL, BLPH, MALL, AMCO, CORA, CATH, California ground squirrel, western fence lizard, common side blotched lizard

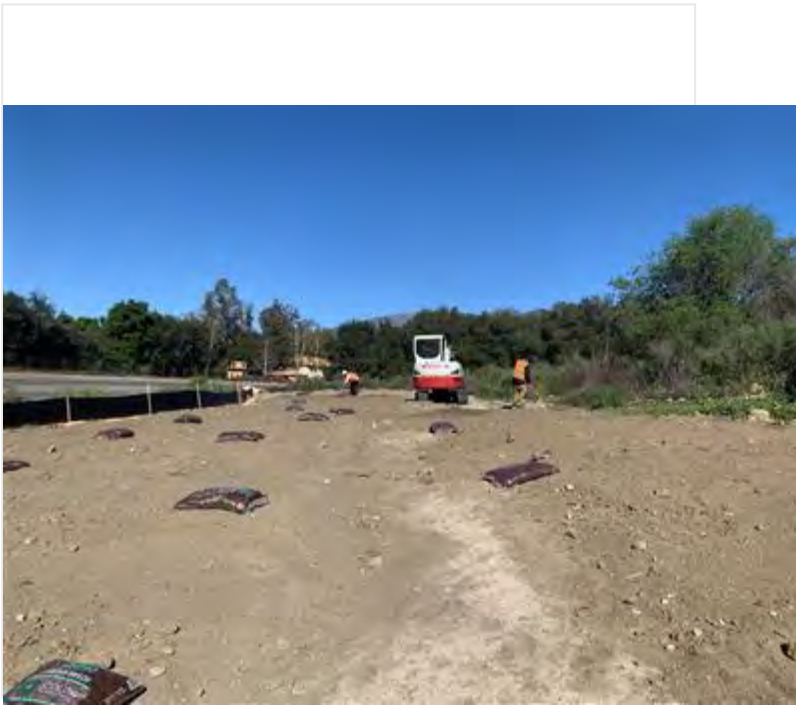
Did You observe any Non-Compliance Issues?

No

Log Entry

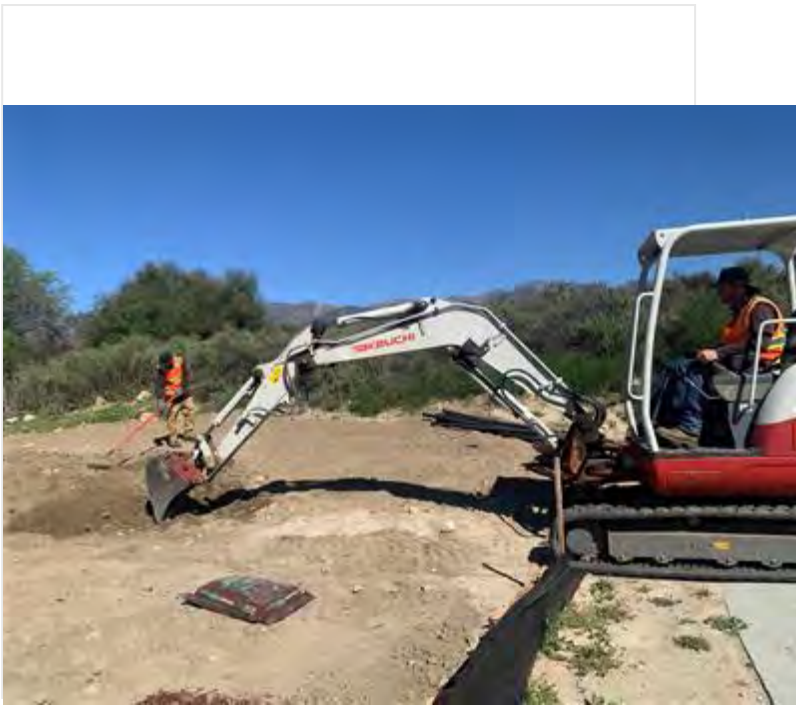
0630: monitored decompaction of tire wash. 2 crew members smoothed out dirt and laid down mulch, foreman Daniel Holmes operated an excavator. Planned a route for irrigation with foreman Raul. A feasible route was not found, planned irrigation work was pushed back. Surveyed for nesting activity. 1220: spotted foreman Daniel Holmes while he drove the excavator to DG-4/DG-4 WOUS. 1240: monitored removal of remaining mulefat/willow stumps in the aforementioned areas with an excavator. Surveyed for nesting activity. 1600: vegetation removal work ceased and shifted to cleanup. Photographed and inspected site.

Photo 1



photo_1-crew_smoothing_tire_wash_facingN.jpg

Photo 2



photo_2-excavator_use_tire_wash_facingE.jpg

Photo 3



photo_3-stump_removal_DG-4_WOUS_connections_facingS...

Photo 4



photo_4-tire_wash_end_of_day_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

69

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. E. MASH". The signature is written in a cursive, somewhat stylized font with distinct, sharp strokes. It is centered within a white rectangular box.

signature-20220217-191742.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 17, 2022, 4:30:59 PM

Date of Log

Feb 17, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

40

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 9 hand-pulling on west side. Crew foreman is Oscar Ortiz while Daniel Holmes is with second crew with brush grinder etc. (2 workers joined second crew for about 4 hrs)

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, LEGO, SOSP, CORA, AMCR, RCPA, SOSP, SPTO, CALT, CASJ, YRWA, BUSH, BEWR, CAQU, WCSP, HOFI, w fence liz, sb liz, WEBL, ALHU, ANHU, MODO

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 initial crew is 6 goes to continue from same area yesterday - vicinity of 'boulder field' in planted area and under large sycamore at 34.190864°N 118.175417°W. Weeds include Conium, Hirschfeldia, Cardamine hirsuta, Lepidium, etc. I'm having them avoid the grasses because we know there are native Elymus and Bromus carinatus in here. A lot of native herbaceous and young shrub species along main trail and toward S side of the planted area. This is DG-4. By 0715 several more workers have arrived for a total of 9. 0930 two workers have moved over to Daniel's crew. 1200 area is mostly finished. Oscar is sending three guys to the NE beyond the boulders to get weeds along mule fat edge, 34.191076°N 118.174924°W (DG-4A, DG-4), while the others finish up the first area. This second area is primarily Conium under the mule fat with some Erodium and mustards in the open, native Camissoniopsis(?) in open area. 1300 all nine workers are present; second crew winding down. This crew works around planted area and in boulder field mule fat until 1600. No nesting behaviors observed in the area.

Photo 1



photo_1-DG-4_planted_area_before_weeding_facingNW.jpg

Photo 2



photo_2-DG-4_planted_area_after_weeding_facingNW.jpg

Photo 3



photo_3_after_hand-pulling_mulefat_edge_DG-4A_DG-4_faci...

Photo 4



photo_4_after_handpulling_DG-4_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:00

Ending Temperature (°F)

67

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of a stylized initial 'J' followed by a horizontal line that extends to the right.

signature-20220218-002952.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 18, 2022, 3:20:14 PM

Date of Log

Feb 18, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and 1 line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: LCPA COHA SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO RTHA BEWR BUSH OATI

Reptiles: Western fence lizard

Mammals: Cottontail, woodrat, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-02. Target species include: pepper weed, poison hemlock, grasses, mustard and Erodium. Two crew members finish clearing grass from Johnson Field with line trimmer.

0900: Crew takes a break.

0915: Crew returns to work in DG-02.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-02.

1445: Crew stops work for the day.

Photo 1



Crew_DG-02_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John W. Dodge", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial 'J'.

signature-20220218-210824.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 23, 2022, 8:08:29 AM

Date of Log

Feb 22, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Veg clearing in DG-4A and DG-4 (Boulder Area)

Hand tools, tarps, rakes

Five crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, GCSP, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, NOMO, BLPH, CATH, NOFL, DEJU, CAQU, WEBL, COHA (juvenile), coyotes, NUWO, MALL, ECDO, ALHU, TUVU

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel. Rained from 6:15-7am.

6:45 Bio conducted nesting bird precon survey. Crew began weeding at Boulder Area (DG-4A). Bio instructed crew to only target larger non-natives in this area, due to them being so widely dispersed. Majority of non-natives still in veg state.

700: another crew (2 individuals) worked southwest (near Primrose Area) weed whacking veg-state non-natives. Bio checked for prime rose and other natives. Bio continuously throughout day searches for nesting birds. BUSH still formed large family groups, CASC obs playing/non-nesting behavior. LEGO obs paired off, however no nesting behavior yet. RTHA displaying courting behavior.

800: bio conducted precon nesting survey for future work area (proposed for Wed (2/23)).

1100: after lunch crew continued in same locations.

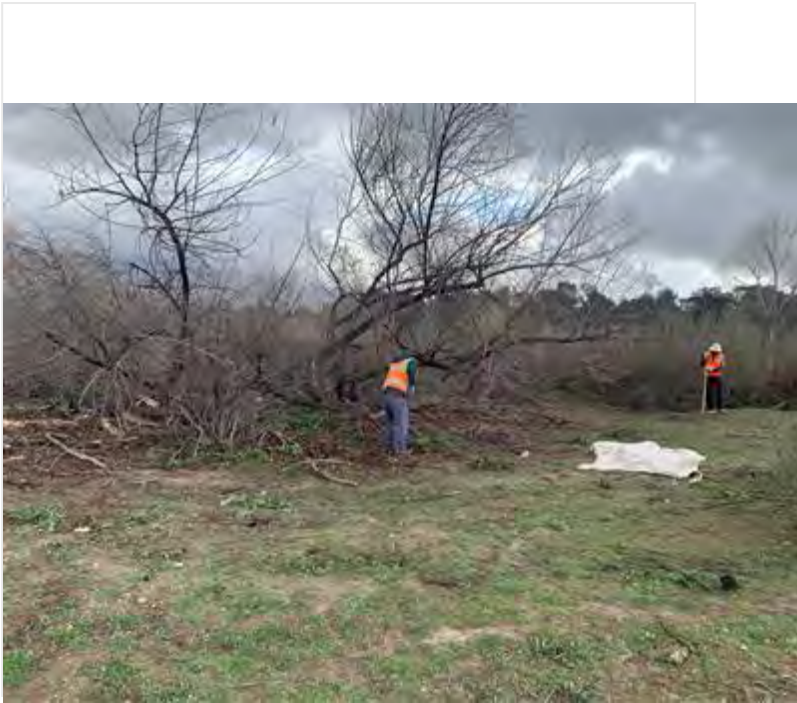
1645: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



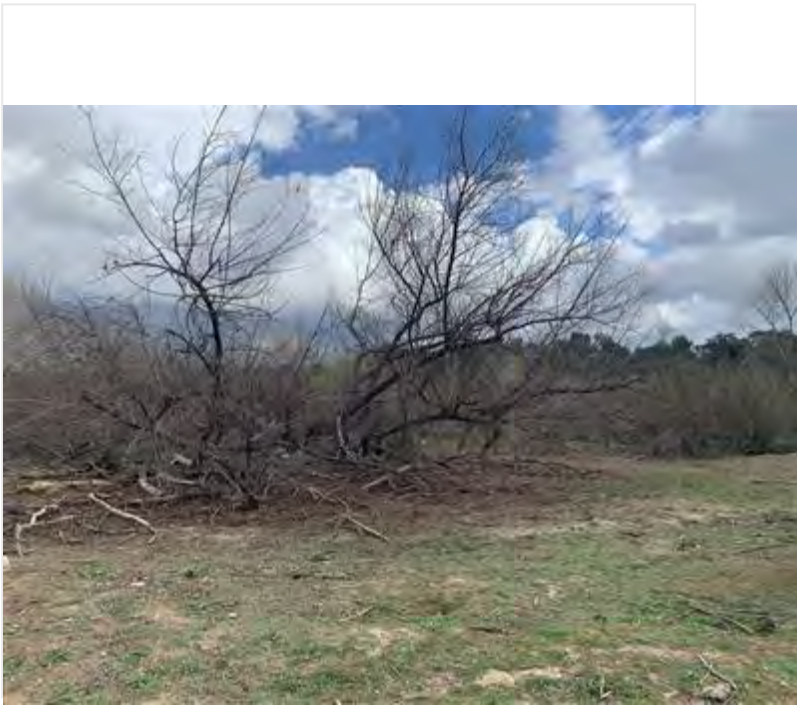
VegetationClear_before_facingE.jpg

Photo 2



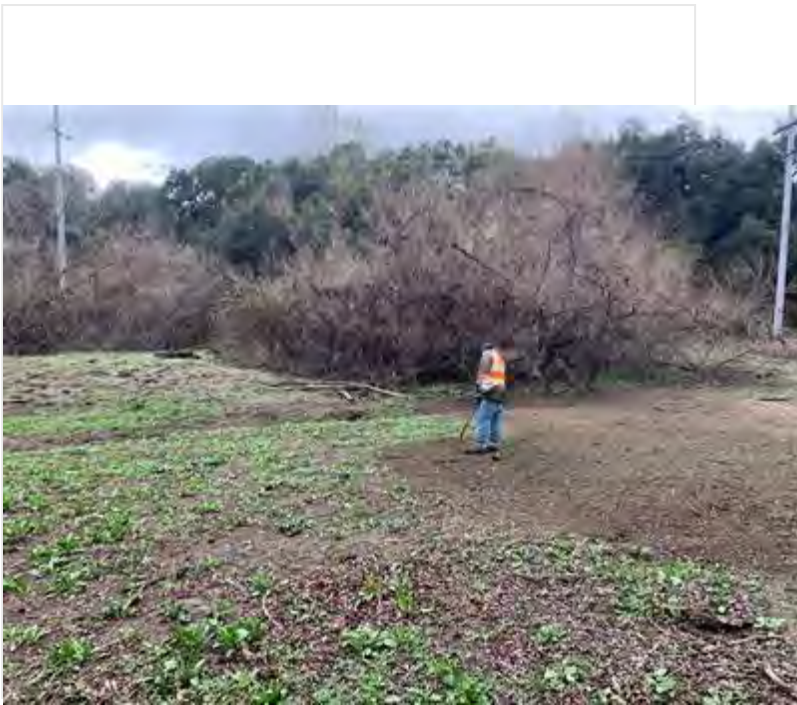
Vegetation_remove_during_facingE.jpg

Photo 3



VegetationClear_after_facingE.jpg

Photo 4



Weedwhacking_during_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:45

Ending Temperature (°F)

50

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

90

Additional Comments

AM rain. Precipitation done by 7am. Cloudy majority of day

Signature

A handwritten signature in black ink, consisting of a stylized, cursive initial followed by a long horizontal line extending to the right.

signature-20220223-160751.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 22, 2022, 6:30:31 PM

Date of Log

Feb 22, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

41

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: NOFL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI

Reptiles: Western fence lizard

Mammals: Cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site. It's raining so crew stays in cars until the rain slows down.

0640: Safety tailgate.

0650: Crew works in DG-1. Target species include: pepper weed, grasses, mustard, wild radish and Erodium.

0900: Crew takes a break.

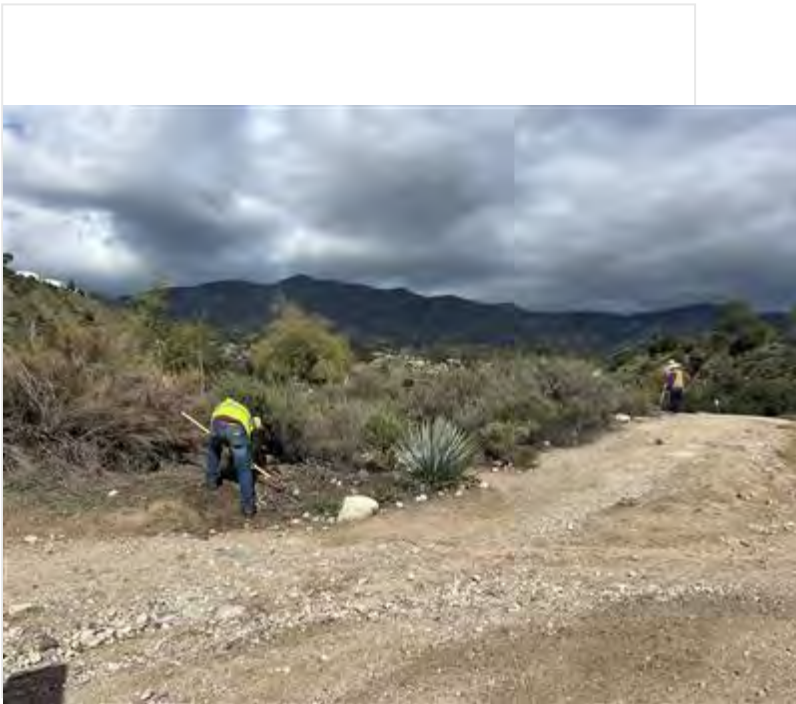
0915: Crew returns to work at DG-1. Crew clears grasses with line trimmer.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1440: Crew stops work for the day.

Photo 1



Crew_DG-1_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

55

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

60

Additional Comments

N/A

Signature

A square box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Helen Uydegen".

signature-20220222-213728.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 22, 2022, 6:30:31 PM

Date of Log

Feb 22, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

41

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: NOFL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI

Reptiles: Western fence lizard

Mammals: Cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site. It's raining so crew stays in cars until the rain slows down.

0640: Safety tailgate.

0650: Crew works in DG-1. Target species include: pepper weed, grasses, mustard, wild radish and Erodium.

0900: Crew takes a break.

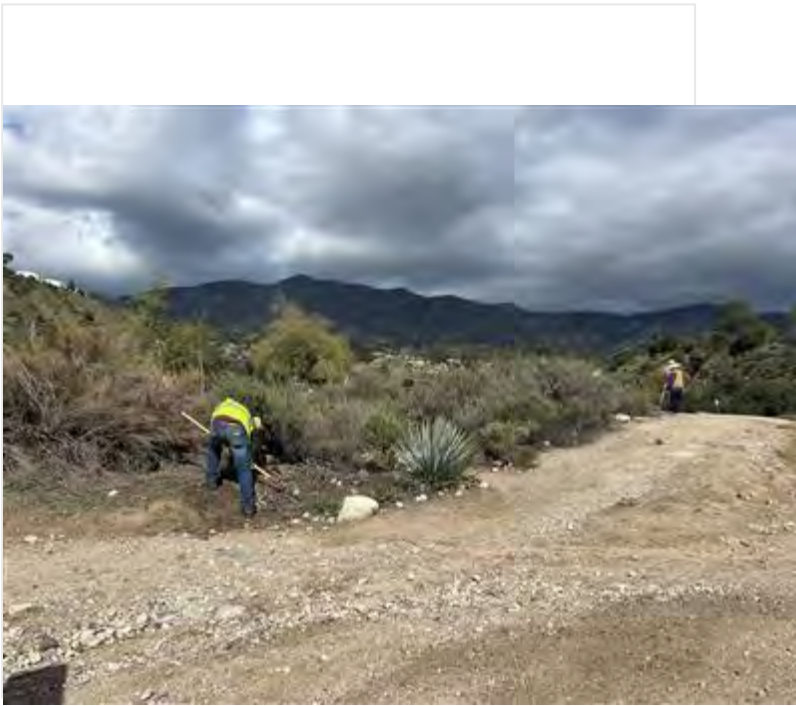
0915: Crew returns to work at DG-1. Crew clears grasses with line trimmer.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1440: Crew stops work for the day.

Photo 1



Crew_DG-1_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

55

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

60

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Helen Uydegen", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'H'.

signature-20220222-213728.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 22, 2022, 6:52:57 PM

Date of Log

Feb 22, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 2 grading in DG-4 WOUS with a skid steer and an excavator.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, CASJ, CATH, ACWO, CAQU, SPTO, OATI, NUWO, NOFL, AMCR, CORA, RCPA, RCKI, HOFI, PUFI, RTHA, RSHA, DEJU, WCSP, SOSP, LEGO, ANHU, YRWA, MALL, CANG, RNDU, AMCO, BLPH, TUVU, PSFL, BUSH, BEWR, NOMO, California ground squirrel, desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

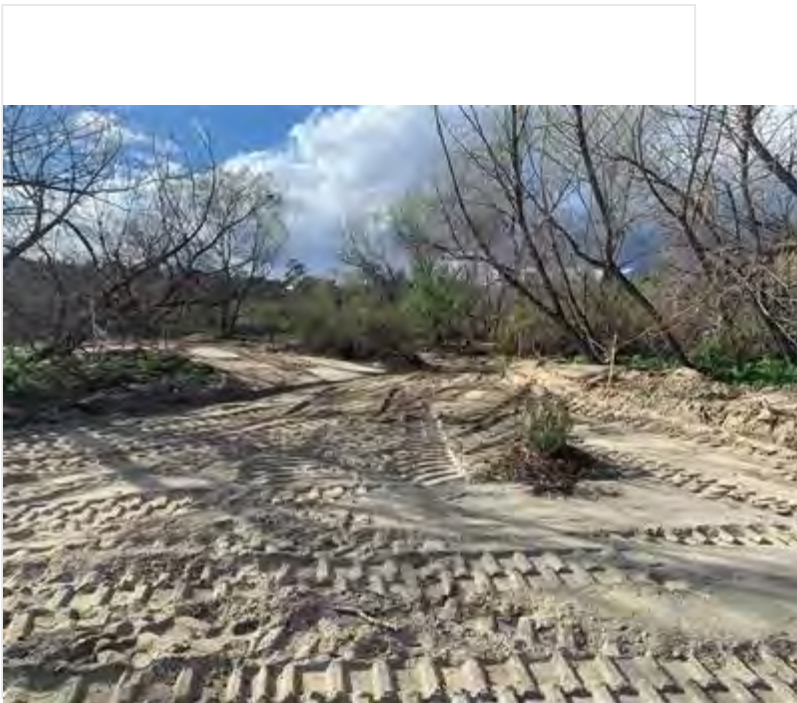
0630: arrived onsite to heavy rain. Crew waited in their cars for 15 minutes. 0645: rain let up, weeding crew began work. Planting crew was waiting on a n equipment delivery. Surveyed work area. High bird activity. 0800: monitored grading in DG-4 WOUS with a skid steer driven by Pilolo. 1300: Pilolo left for the day (he had a very early start as he had to pick up the skid steer). Daniel took over grading. 1600: Daniel wrapped up grading while I inspected the site.

Photo 1



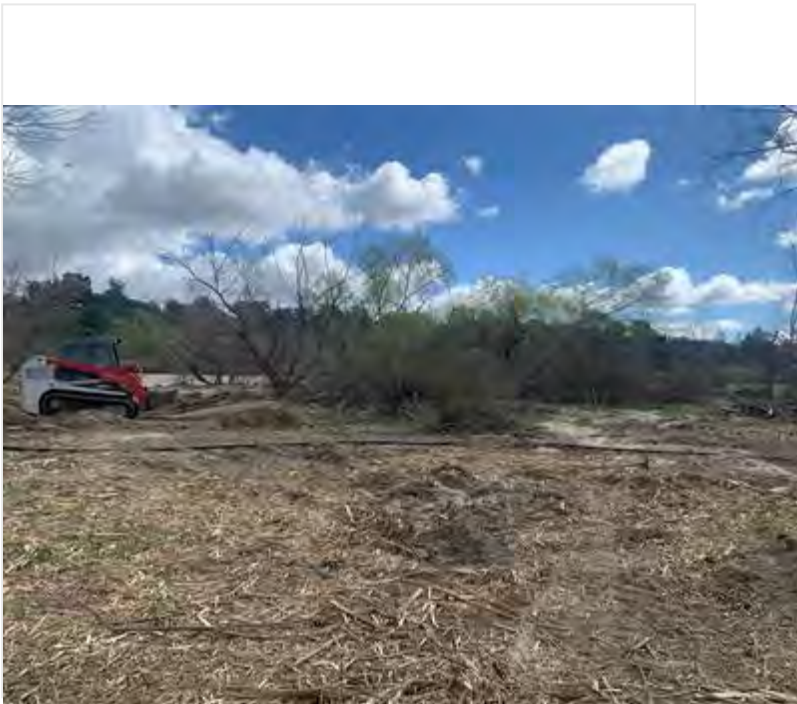
photo_1-before_grading_DG4_WOUS_facingW.jpg

Photo 2



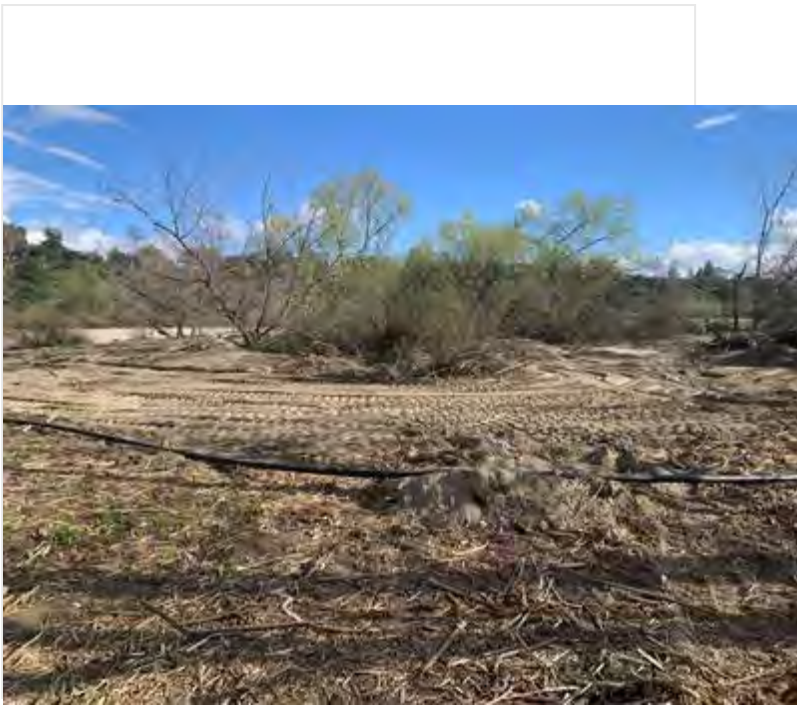
photo_2-after_grading_DG4_WOUS_facingW.jpg

Photo 3



photo_3-before_grading_DG4_WOUS_facingE.jpg

Photo 4



photo_4-after_grading_DG4_WOUS_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

54

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

35

Additional Comments

A crew member reported seeing a large unidentified mammal, thinks it may have been a mountain lion but it was too quick to say for sure. I surveyed and found no tracks or sign to corroborate.

Signature

A handwritten signature in black ink, appearing to read "N. H. H. H. H.", enclosed in a thin black rectangular border.

signature-20220222-185156.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 23, 2022, 6:52:01 PM

Date of Log

Feb 23, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

42

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A and DG-4 (west of Boulder Area)

Hand tools, tarps, rakes, weed whacker

Six crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, CATH, NOFL, CAQU, COHA/SSHA?, NUWO, MALL, ECDO, ALHU, TUVU, RSHA, KILL, CITE, AMWI, AMCO, STJA, RNDU, COYE

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel. Rained from 6:15-7am.

6:45 Previous day bio conducted precon NB survey. Crew began weeding west of Boulder Area (DG-4A). Bio reviewed horseweed (Erigeron sp) before crew began for avoidance. Bio instructed crew to only target larger non-natives in this area, due to them being so widely dispersed. Majority of non-natives still in veg state. Non-native continue to include primarily perennial pepper weed, mustards, hemlock.

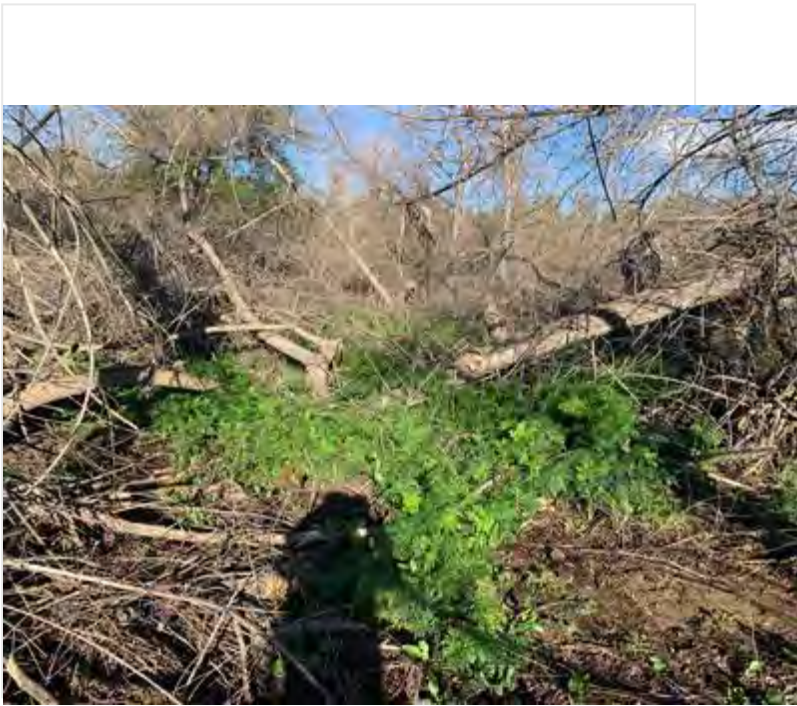
700: updated BUSH nest 1 (along access road)-nest still active. Noticed Gothic crew working along hillside. No communication.

800: bio conducted precon nesting survey for future work area.

1100: after lunch crew continued in same locations. Addressed crew regarding trash-specifically bottle caps from plastic water bottles the crew is supplied with. Noticed an accumulation of bottle caps over time and kindly reminded the crew the all trash needs to be removed including bottle caps. The crew utilized a weed whacker in some of the areas.

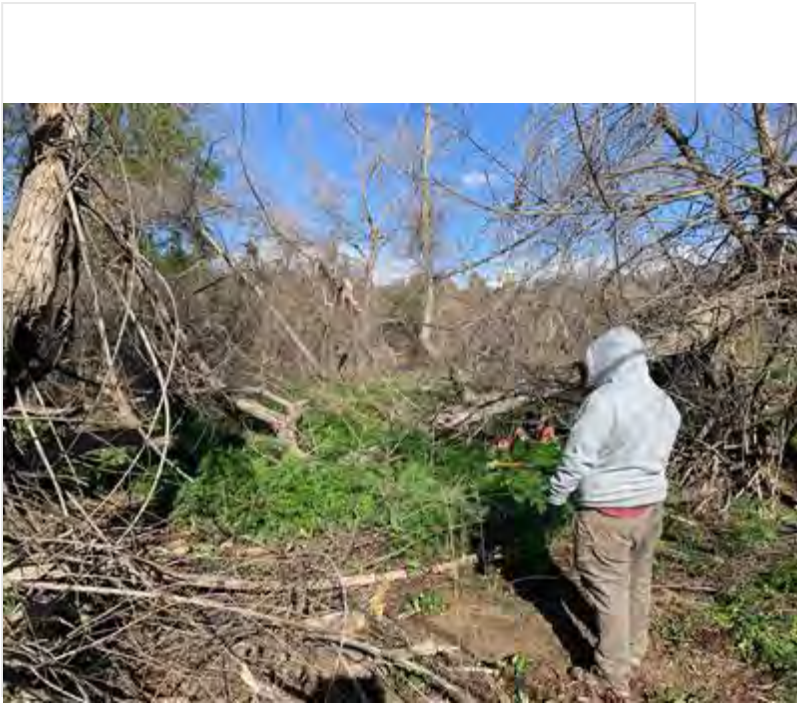
1700: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



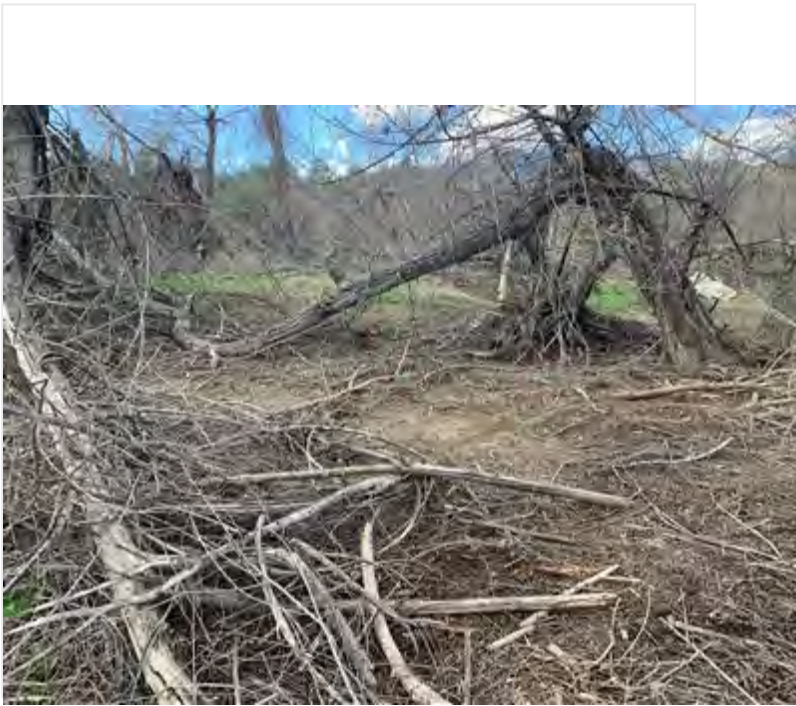
VegClear_before_facingW.jpg

Photo 2



VegClear_during_facingW.jpg

Photo 3



VegetationClear_after_facingW.jpg

Photo 4



VegClear_natives_avoided_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

17:00

Ending Temperature (°F)

43

Ending Wind Range (MPH)

7-9

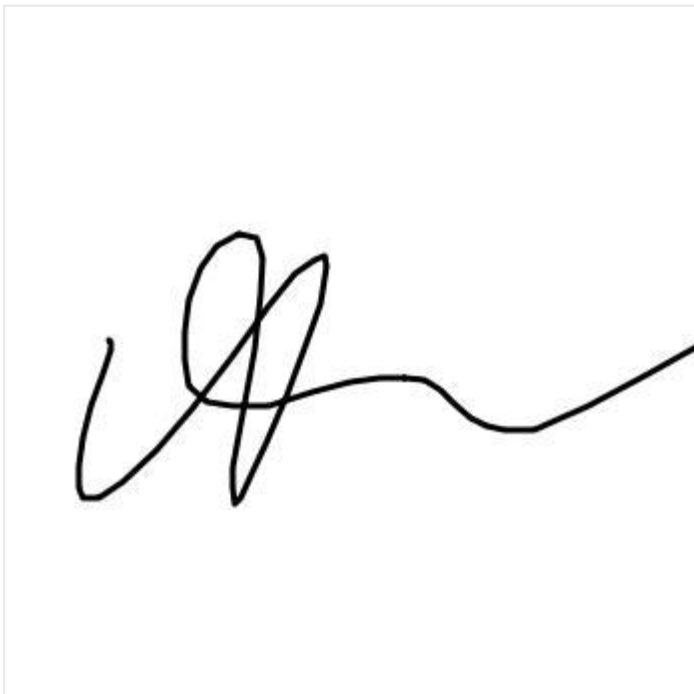
Ending Cloud Cover (%)

80

Additional Comments

Weather warning: Frost advisory

Signature

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke extending to the right.

signature-20220223-233516.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 23, 2022, 4:35:36 PM

Date of Log

Feb 23, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

37

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: NOFL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI RTHA
NUWO**

Mammals: Cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-1. Target species include: pepper weed, grasses, mustard, wild radish and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1440: Crew stops work for the day.

Photo 1



Crew_DG-1_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

51

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

75

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L".

signature-20220223-220259.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 24, 2022, 8:38:47 PM

Date of Log

Feb 24, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

36

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 5 grading DG-4 WOUS with a skid steer/excavator

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, CALT, ANHU, CASJ, RCPA, AMCR, NUWO, CORA, SAPH, CANG, ALHU, RNDU, AMCO, WREN, LEGO, RCKI, BEWR, CAQU, RTHA, NRWS, NOFL, RCKI, TUVU, ROPI, PUFU, PSFL, coyote, bottas pocket gopher, desert cottontail, western fence lizard

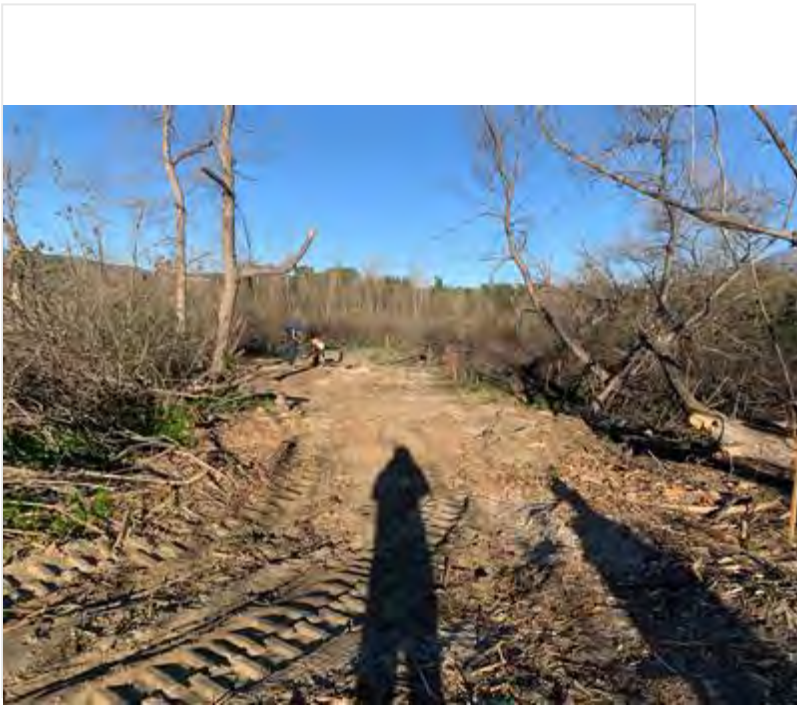
Did You observe any Non-Compliance Issues?

No

Log Entry

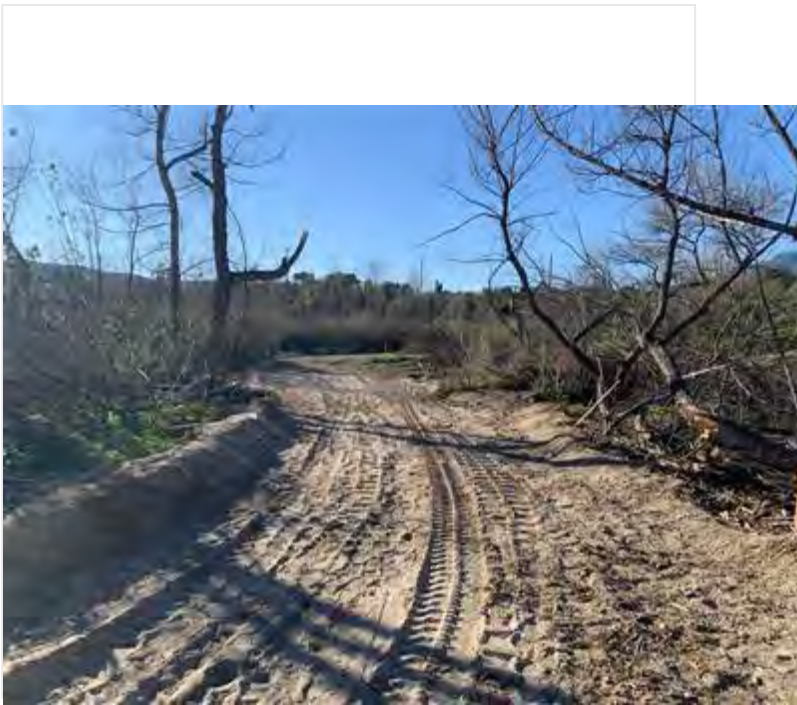
0630: surveyed site while crew drove equipment to DG-4 WOUS for nesting birds. 0645: monitored grading with an excavator and a skid steer in the 3 northernmost channels. Crew of 3 removed woody debris by hand and shaped berms. Gas company flagged off location of the high pressure gas pipe. 1300: grading moved to DG-4 on the old access road after finishing areas in DG-4 WOUS. 1430: Pilolo left for the day and Daniel Holmes continued grading with the excavator, removing basin lips along the eastern edge of the channels. 1630: crew began wrapping up while I inspected the site and picked up trash.

Photo 1



photo_1-before_grading_DG-4-WOUS_facingW.jpg

Photo 2



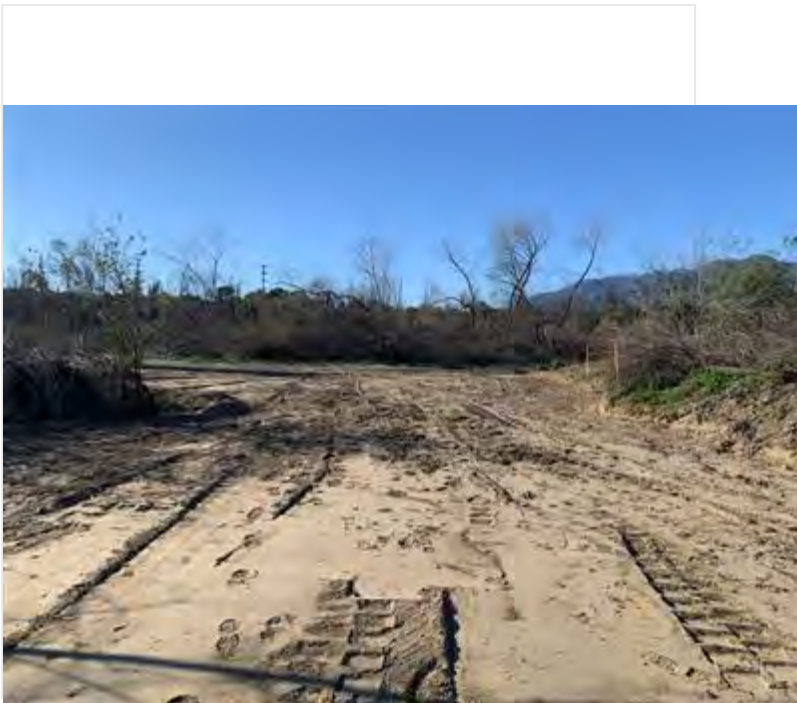
photo_2-after_grading_DG-4-WOUS_facingW.jpg

Photo 3



photo_3-before_grading_DG-4-WOUS_facingW.jpg

Photo 4



photo_4-after_grading_DG-4-WOUS_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:45

Ending Temperature (°F)

55

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Additional Comments

Gas company implemented a 12 foot no-digging buffer around the gas pipeline, which ran about 30 feet north of the access road. No grading was performed within the buffer.

Signature

A handwritten signature in black ink, appearing to read "M. H. V. A. G. T.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220224-194827.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 24, 2022, 3:05:57 PM

Date of Log

Feb 24, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

35

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead. Scott Rose in for the morning.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: NOFL SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI RTHA
WEBL**

Reptiles: Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0700: Safety tailgate.

**0650: Crew works in DG-1. Target species include: pepper weed, grasses, mustard, wild radish and Erodium.
Cesar and biologist inspect site with Scott Rose.**

0900: Crew takes a break.

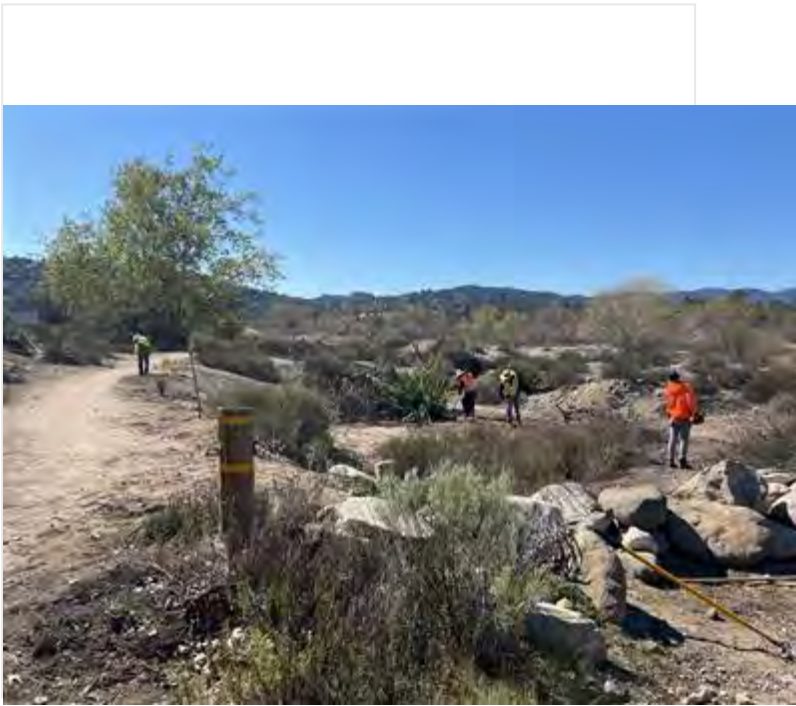
0915: Crew returns to work at DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1450: Crew stops work for the day.

Photo 1



Crew_DG-1_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

57

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Lela V. White", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'L' and a distinct 'V'.

signature-20220224-205422.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 24, 2022, 4:02:50 PM

Date of Log

Feb 24, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

36

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image drew of 7 weeding in DG-4 with hand tools and two weed whackers.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATO, CASJ, LEGO, coyote (heard), MODO, ACWO, CORA, RCKI, SOSP, CAQU, SPTO, NOFL, ANHU, BEWR, HOFI, WCSP, CAGO, YRWA, TUVU, WEBL, RTHA, OATI, CATH, BUSH, ALHU, BLPH, WEKI, NUWO

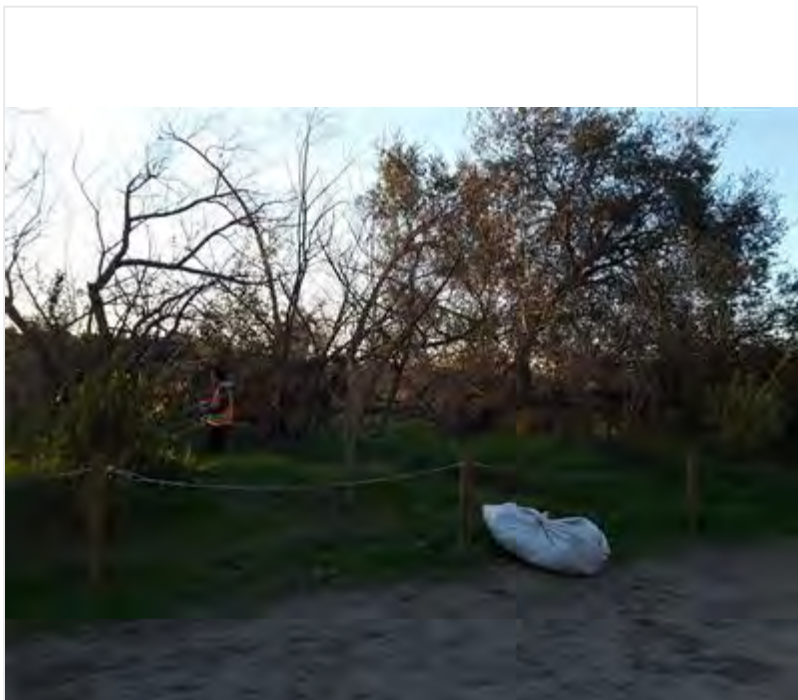
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 brief tailboard meeting. Walked work area surveying for nesting bird activity. 0650 approved crew to start work. Focusing on plant basins and near irrigation so that they can use weed whackers later. 0915 one weed whacker in use. More natives in this area than expected so being careful to use machine only in areas of annual grasses and poison hemlock. Crew continued until 1600 when they began cleaning up and hauling veg to the dumpster. Species removed were primarily poison hemlock and annual grasses (Bromus diandrus, etc.)

Photo 1



Work area_before_FacingE.jpg

Photo 2



After veg removal.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:01

Ending Temperature (°F)

60

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Marty P. H.", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "M" and a stylized "P".

signature-20220225-000217.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 1, 2022, 7:00:23 AM

Date of Log

Feb 25, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

41

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAGO ALHU MODO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU OATI ACWO AMCO SAPH BLPH RUDU WREN Parrot sp.

Reptiles: Western fence lizard

Mammals: California ground squirrel

Amphibians:

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members work on invasive species removal in DG-1 targeting poison hemlock, mustard, erosion, and non-native grasses.

0900: Crew takes a break.

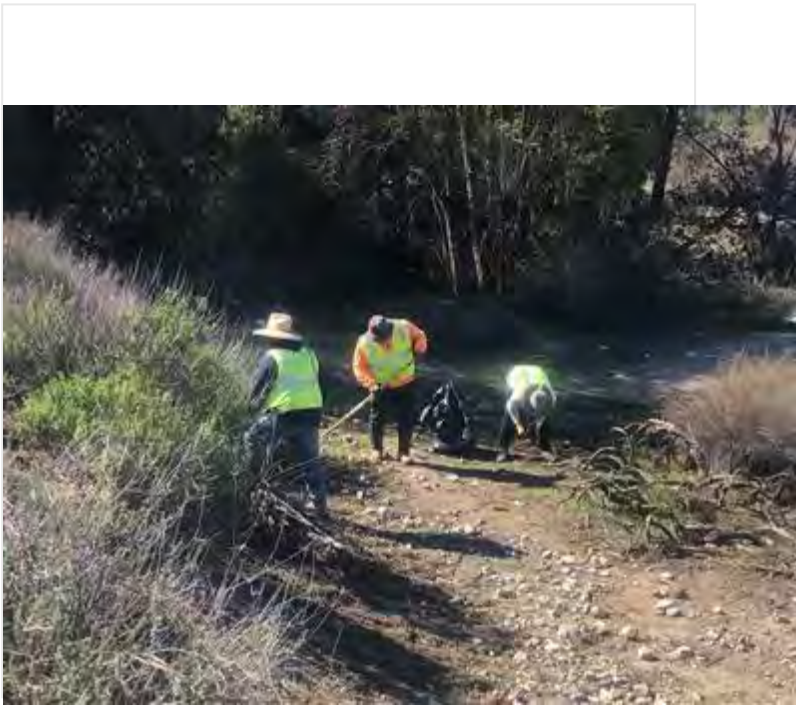
0915: Crew continues invasive species removal in DG-1 and parts of DG-8 (Temp Impacts).

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1 and DG-8 (Temp Impacts)

1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_DG-1_facingSW.jpg

Photo 2



Invasive_species_removal_DG-8_and_DG-1_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:55

Ending Temperature (°F)

76

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'K. A. A.', is centered within a white rectangular box. The signature is stylized with overlapping loops and horizontal strokes.

signature-20220301-145957.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 25, 2022, 2:26:12 PM

Date of Log

Feb 25, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

37

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 7 weeding in DG-4 along trail.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, SOSP, ACWO, BEWR, CASJ, RCKI, ANHU, AMCR, CATO, LEGO, BUSH, SPTO, OATI, HOFI, WEBL, YRWA, WCSP, CATH, NOFL, RTHA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Start delayed when Pasadena Public Works gate was locked. 0655 approved crew to start work, continuing in same area as yesterday. Crew used hand tools to remove non-native annual grasses, poison hemlock, and mustard. 1100 Crew ended early.

Photo 1



Work area_before weeding.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

11:00

Ending Temperature (°F)

60

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margaret Pfeiffer". The signature is written in a cursive style with a large initial 'M' and 'P'. The text is centered within a white rectangular box.

signature-20220225-222529.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 25, 2022, 6:27:55 PM

Date of Log

Feb 25, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

39

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 5 grading and digging in DG-4-WOUS connections with shovels, an excavator, and a skid steer.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, RCPA, OATI, MODO, CASJ, BEWR, ACWO, NUWO, SPTO, SOSP, AMCR, NOFL, LEGO, CATH, WCSP, WBNU, HOFI, CAQU, COYE, RTHA, coyote, western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

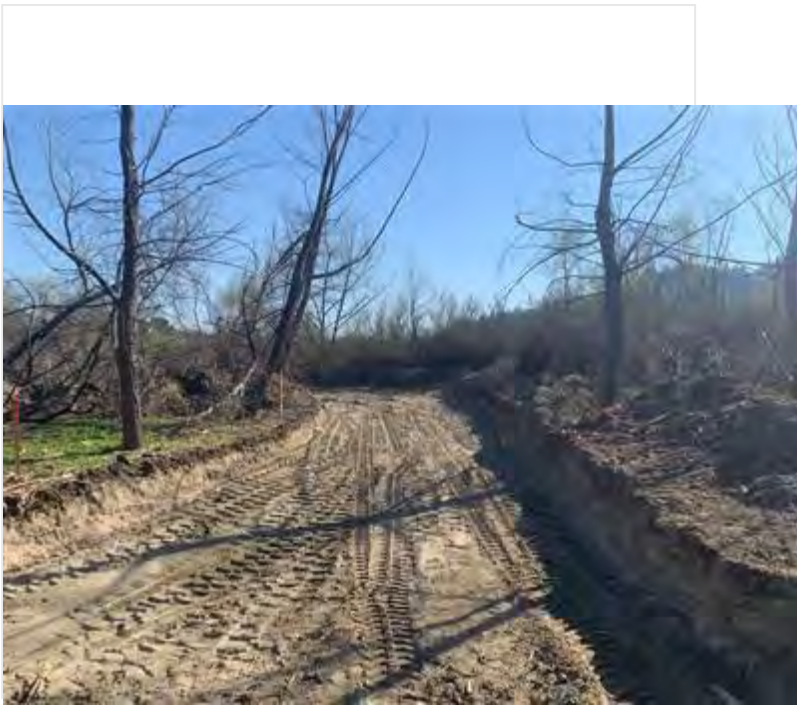
0630: arrived onsite, had a tailboard meeting with crew. 0645: flagged out location of the high pressure gas pipe. 4 crew members translocated container plants in the line of the grading. 0655: monitored grading with a skid steer. 2 Socal gas monitors were nearby also monitoring. Crew of 3 potholed for the gas pipe using shovels. 0905: found a scrub jay carrying twigs into an oak in DG-4C. Found nest, logged in collector as CASJ_1. 1100: Pilolo left for the day. Crew continued potholing, Daniel moved sediment from the channel with an excavator. 1600: put up caution tape around trench, angled entrance into trench so that wildlife would not become stuck. 1610: crew began working on cleanup while I inspected the site.

Photo 1



photo_1-before_grading_mining_pit_facingS.jpg

Photo 2



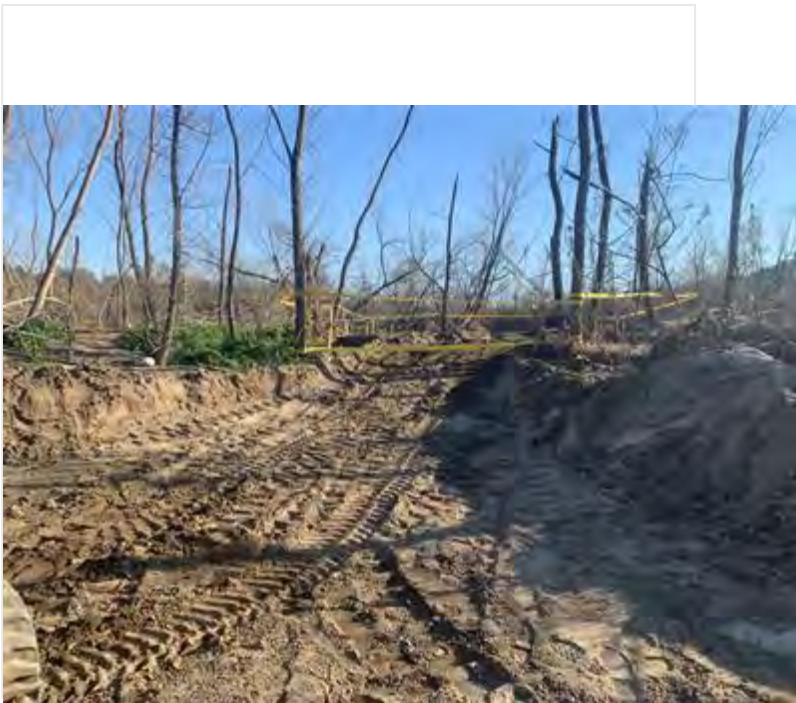
photo_2-after_grading_mining_pit_facingS.jpg

Photo 3



photo_3-crew_digging_facingN.jpg

Photo 4



photo_4-channel_grading_mining_pit_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:15

Ending Temperature (°F)

63

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

5

Additional Comments

In order to use a skid steer over the area with the gas line, the gas company monitor asked that we dig a 4.5 foot deep trench over the line and perpendicular to it by hand to be certain we would not hit it .

Signature

A handwritten signature in black ink, appearing to read "N. C. WAST", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220225-182118.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Feb 28, 2022, 5:41:38 PM

Date of Log

Feb 28, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

60

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA KILL MALL CAGO SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR
BUSH OATI RTHA**

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0625: Safety tailgate.

0650: Crew works in DG-1. Target species include: pepper weed, grasses, mustard, wild radish and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at DG-1.

0950: Crew switches to working on eastern sides slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work on side slope.

1445: Crew stops work for the day.

Photo 1



Crew_east_sideslope_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Lela V. Deen".

signature-20220228-213802.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 28, 2022, 3:58:08 PM

Date of Log

Feb 28, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 5 grading in DG-4 WOUS Connections, smoothing edges with hand tools in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BEWR, SPTO, CASJ, ACWO, CALT, NOFL, CATH, YRWA, WEBL, MODO, CORA, LEGO

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 brief tailboard, operator started machine. 0645 walked work area to observe any new nesting behavior, crew must wait for SoCalGas monitor before working over gas line. Operator began prepping ramp and area adjacent to gas line. 0900 SCG monitor arrived and approved plan to use machines over gas line where cross trench was dug Friday. Two mini dozer and skid steer used to move dirt and pile/spread on sides of new channel. 1100 Finished grading this section and SCG monitor left. After lunch, brought machine to another small area to fix grade. Finished there at 1200. Three crew working on smoothing edges of channels with hand tools, plus weeding. once operator left, other work did not need to be monitored.

Photo 1



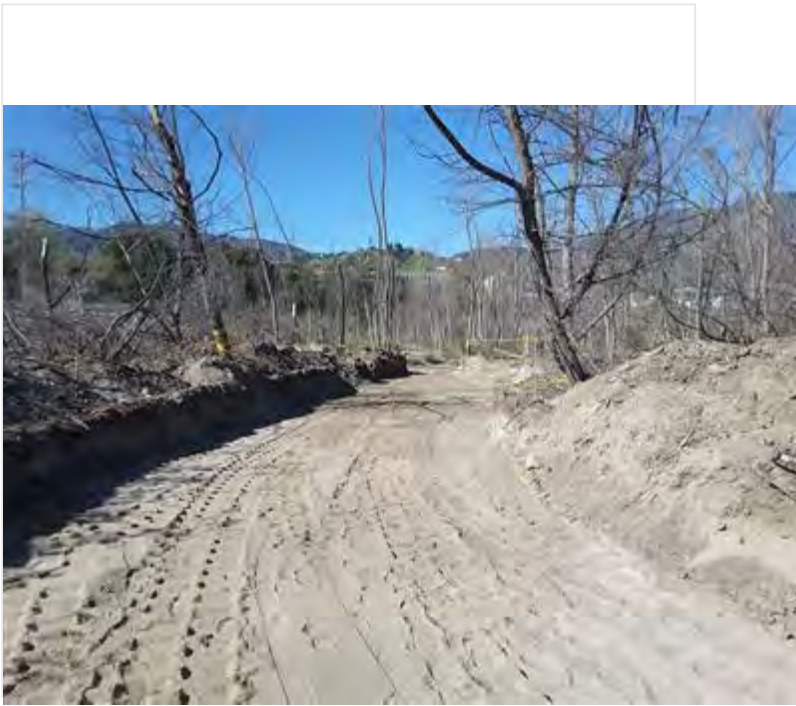
Drainage_over_gasline_facingNW.jpg

Photo 2



Grading_in_progress.jpg

Photo 3



Grading_after.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

86

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margaret Pfl", is centered within a white rectangular box. The signature is written in a cursive style.

signature-20220228-235736.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Feb 28, 2022, 6:40:45 PM

Date of Log

Feb 28, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 6 targeting mustard, poison hemlock, and nonnative grasses in DG-4. Hand tools and a line trimmer were used.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BUSH, BEWR, MODO, SOSP, OATI, CASJ, NUWO, CALT, LEGO, RCKI, RCPA, CATH, ECDO, AMCR, WBNU, ACWO, RNSA, CAQU, California ground squirrel, WCSP, NOFL, YRWA, RTHA, HOFI, DEJU, CAKI, SAPH, WEBL, NOMO, CORA, BGGN, western fence lizard, desert cottontail.

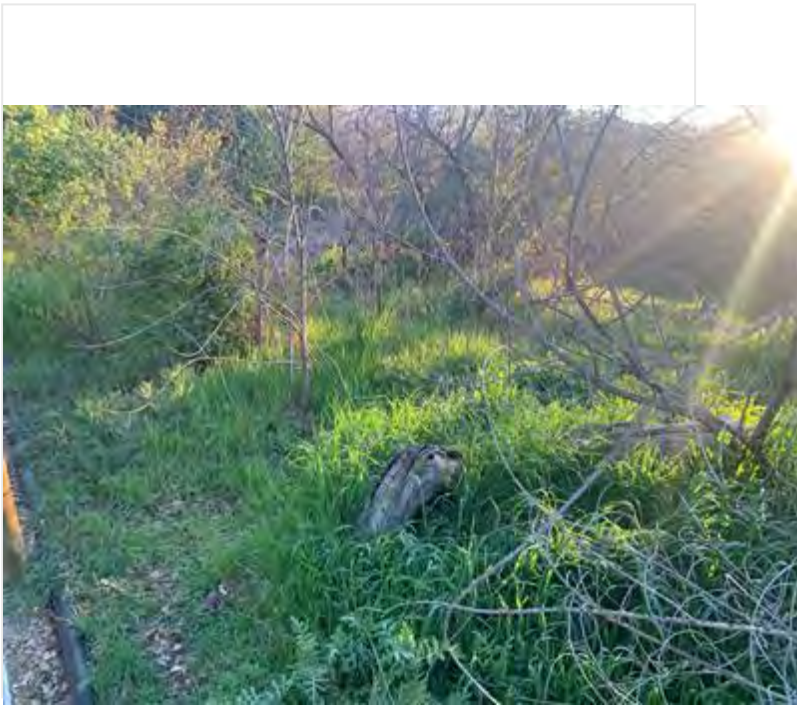
Did You observe any Non-Compliance Issues?

No

Log Entry

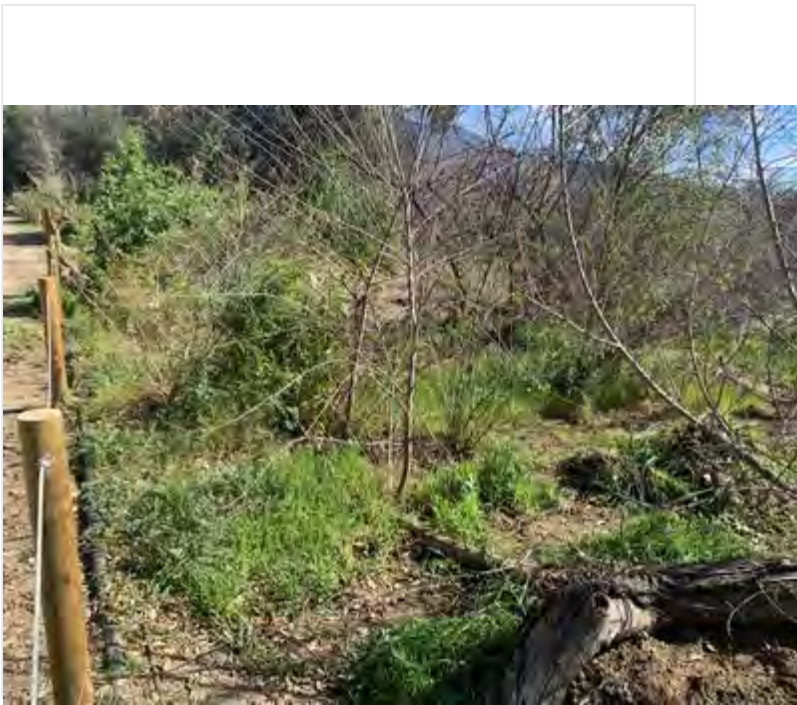
0630: surveyed work area while crew set up. 0650: cleared crew to work. Picked back up along the perimeter trail removing assorted nonnatives by hand and with hand tools. 0940: observed a BEWR near crew with nesting materials in bill. Flew west across trail with nesting materials, followed it but lost it. While there, I found a bushtit nest across the perimeter trail from the crew. Buffer does not extend into our restoration area. Logged on collector with all relevant details. Crew continued working south and was now past the planted area. 1200: walked graded areas with Margie/Daniel to check for any remaining work. Found an unfinished bird nest in DG-4. Bird was not seen, but the nest was suspended in newly grown vines and had some recent whitewash in the area. May have failed, was further investigated by Margie Pfeffer. 1240: returned to weeding crew. Found a California scrub jay nest while walking over. This nest is located in the tree next to BUSH_2 (also discovered today), and the buffer of this nest also does not extend into the restoration area. Logged in collector. 1315: went to east side to take bi-weekly photo points while crew tarped up. 1345: resumed monitoring vegetation clearing. Crew was using a line trimmer to target a monoculture of nonnative bromes just north of DG-5. No red-flag warnings in place. Operator avoided native phacelia, sometimes by targeting the higher seeding structures of the nonnatives and leaving the much-lower phacelia in place. 1610: crew began wrapping up pulling while I inspected the site.

Photo 1



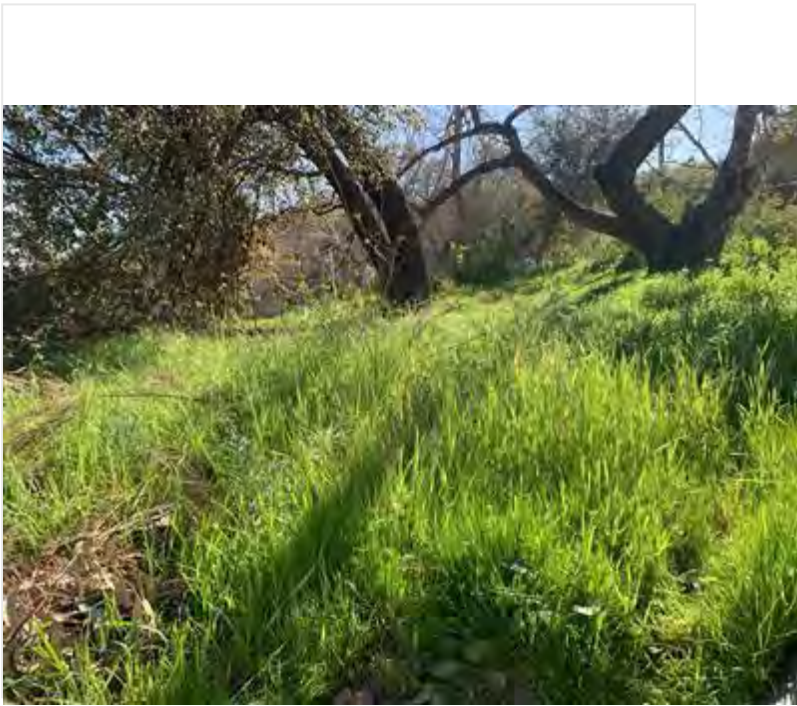
photo_1-before_weeding_DG4_facingNE.jpg

Photo 2



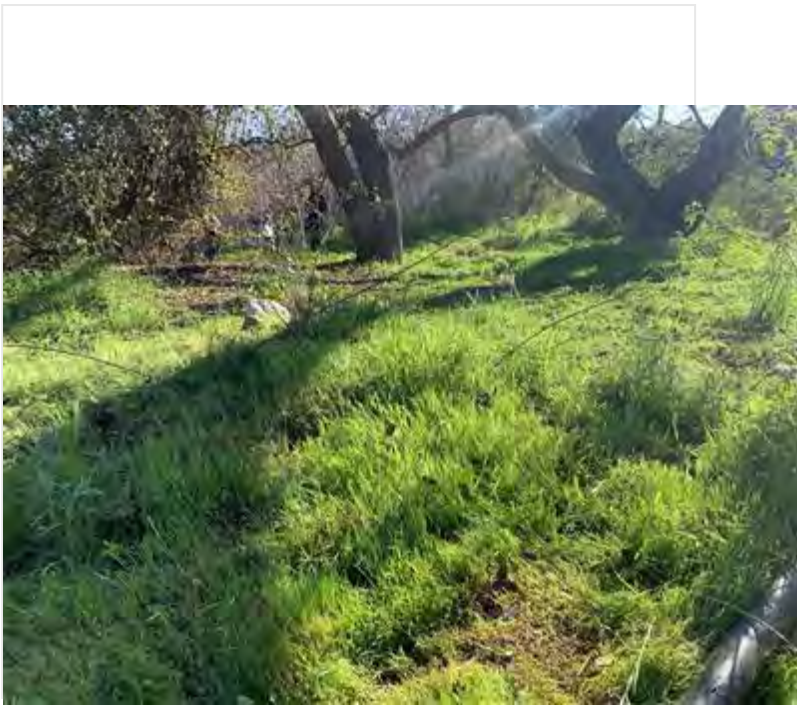
photo_2-after_weeding_DG4_facingNE.jpg

Photo 3



photo_3-before_weeding_DG4_facingSE.jpg

Photo 4



photo_4-after_weeding_DG4_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:15

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Mike Walsh", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font. The letters are connected, and there are some overlapping strokes, particularly in the "W" and "A".

signature-20220228-183835.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 1, 2022, 4:00:24 PM

Date of Log

Mar 1, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CAQU KILL MALL CAGO SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO
BEWR BUSH**

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0630: Safety tailgate.

0650: Crew works in DG-2. Target species include: pepper weed, mustard, poison hemlock and Erodium.

0900: Crew takes a break.

0915: Crew returns to work at DG-2.

1000: Line trimmer used to get hard to reach weeds in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1445: Crew stops work for the day.

Photo 1



Crew_weeding_DG-2_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

84

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John V. Meyer". The signature is written in a cursive style with a large initial "J" and a distinct "V". The text is centered within a white rectangular box.

signature-20220301-213902.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 1, 2022, 7:45:13 PM

Date of Log

Mar 1, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 5 working on irrigation in the tire wash and shaping berms in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

DEJU, WCSP, LEGO, NRWS, WTSW, mule deer (doe), RNDU, MALL, AMCO, CASJ, CATH, HOFI, SOSP, WBNU, CALT, ACWO, BUSH, OATI, WEBL, western fence lizard, California ground squirrel.

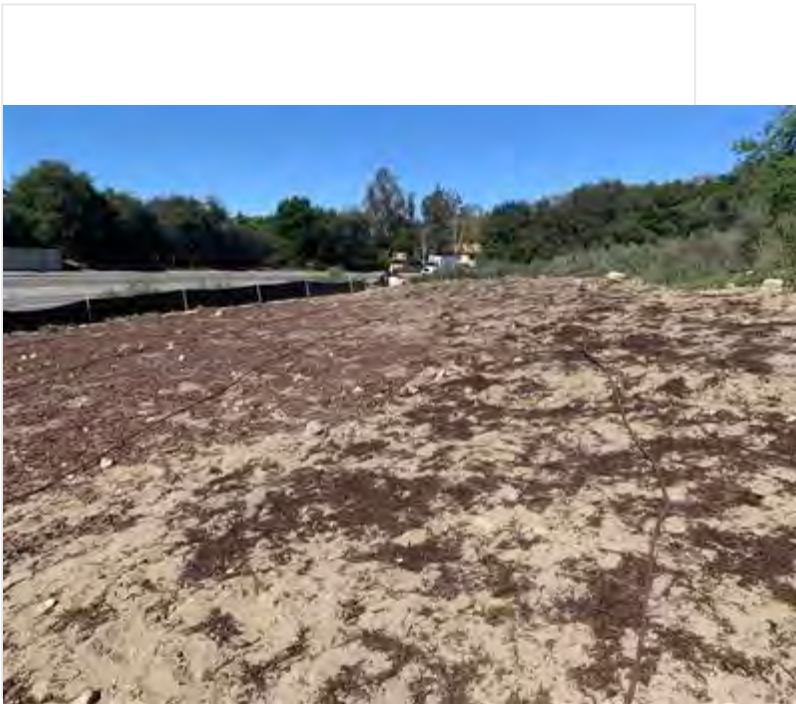
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: arrived on site. Surveyed tire wash for nesting birds. 0650: monitored installation of 1/4 inch rubber irrigation in the tire wash. Plans to fuse 2 inch pipe elsewhere on the site were pushed back because of missing equipment, which is to be delivered Thursday. Relocated a western fence lizard into nearby CSS from the tire wash to avoid trampling risk. 0830: pre surveyed borders of DG-4A for nesting birds. The crew was planning to spend most of tomorrow installing rubber irrigation tubing with the goal of finishing close to half of the DG-4A areas. 1100: walked DG-4A with foreman Daniel Holmes and showed him which areas were to be irrigated. Crew spread leftover seed in DG-W-2 mining pit/mining pit outlet. 1230: site visit with Carley (ECORP) to discuss planting plans and grading in DG-4A. 1330: took remaining bi-weekly photo points on the west side of the site.

Photo 1



photo_1-quarter_inch_irrigation_tirewash_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

82

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink on a white background. The signature is stylized and appears to be the name 'WITWIT' or similar, written in a cursive, somewhat abstract font. The letters are connected and have a jagged, angular quality.

signature-20220301-194406.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 1, 2022, 4:10:11 PM

Date of Log

Mar 1, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 8 hand-pulling on W side of project area, Oscar Ortiz foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BEWR, CALT, CASJ, SPTO, RCPA, NUWO, EUCD, SOSP, OATI, RCKI, ACWO, CAQU, YRWA, CATH, MODO, ANHU, ALHU, NOFL, BGGN, Ca gr squirrel, fence lizard, RTHA, RSHA, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew starts in vicinity of 34.191543°N 118.176029°W, E of main access road/power lines. This is an intersecting area of DG-4, DG-4A, DG-4 drainage. Pulling mustards, grasses, hemlock, dwarf nettle. There are a few mule fat but shrub cover (i.e. nesting habitat) in the immediate area is low. So far there are a few nests of hummingbirds, jays, bushtit, poss BEWR nearby, but these are in trees or denser brush that would not be disturbed. 0800 crews moving further south into DG-4 sheetflow, where dense mats of Erigeron canadensis and likely Heterotheca grandiflora sprouts are starting to be overshadowed by Conium and Hirschfeldia. Plus Lepidium, Cardamine hirsuta, Erodium cic., Urtica urens, I advise workers to be precise with the hand tools and just hand-pull the Conium from the native mats. However, a lot of the Conium is already turning yellow and may eventually shrivel regardless. This site was actually not touched much because the workers moved northward in the shade instead, because of the heat. The fence lizards are eating the earwig nymphs from the uprooted weeds. 1215 hot day, 83°. Birds have settled down. Crew is now under the Eucalyptus and willows across the road from the trash bins (34.191790°N 118.175869°W). Herbaceous is about 100% relative cover of non-native weeds (Conium, U. urens, Hirschfeldia. A few mugwort patches.) 1315 weed-whacking some mustard-hemlock-pepperweed at this location, including a spot where a large eucalyptus branch broke off onto tall hemlock. After some more weed-whacking and pulling, I went south to look at DG-4A for tomorrow. 1600 crew is done pulling and is now cleaning up.

Photo 1



photo_1-DG-4A_hand_pulling_facingSW.jpg

Photo 2



photo_2-DG-4sheetflow_hand_pulling_facingNE.jpg

Photo 3



photo_3-DG-4A_after_weed_whacking_facingS.jpg

Photo 4



photo_4_DG-4A_cleaning_up_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read 'SAM', is centered within a white rectangular box. The signature is written in a cursive style with a horizontal line extending to the right.

signature-20220301-235943.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 2, 2022, 3:52:44 PM

Date of Log

Mar 2, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

55

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CAQU CAGO SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH
CAKI RTHA**

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0630: Safety tailgate.

0650: Crew works in DG-2. Target species include: pepper weed, mustard, poison hemlock and Erodium. Crew lead works on irrigation in DG-3A.

0900: Crew takes a break.

0915: Crew returns to work at DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1345: Crew discovers an irrigation leak in Johnson Field.

1400: Irrigation leak repaired.

1445: Crew stops work for the day.

Photo 1



Crew_DG-2_weeding_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

84

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

40

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Lola Upton", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal stroke at the end.

signature-20220302-220230.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 2, 2022, 4:54:09 PM

Date of Log

Mar 2, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 8 hand-pulling and weed-whacking on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, BEWR, SOSP, CALT, SPTO, CASJ, BUSH, desert cottontail, Ca gr squirrel, k-rat burrows?, KILL, RTHA, CANG, woodrat middens, ALHU copulating in planted area E of parking lot, RCKI, WBNU, fence lizard, LEGO, OATI, MODO, ACWO, EUCD.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew starts S and SE of DG-5. After I survey for nests and native plants, 2 weed whackers start whipping the DG-4A grasses, mustards, hemlock, pepperweed, filaree. The other 6 are using hand tools and pulling hemlock, Cardamine h., pepperweed, mustards under willows at adjacent DG-4. Most of the morning is spent monitoring the weed whackers and directing them around the Phacelia, horseweed, and primroses. At DG-4 under willows, I'm pointing out Galium to avoid, and chickweed (Stellaria media) in flower and fruit to remove.

1300 Weed whackers have reached the limit of easy non-native grasses etc to trim and are done; all workers hand-pulling weeds or raking now. 1340 One of Daniel's workers reports seeing a mountain lion entering the damaged culvert by the Mining Pit and Daniel calls me over to investigate. However, no cats are seen in culvert or in the vicinity after about 20 mins of looking. No tracks either. Seems more likely to have been a bobcat or housecat. 1430 after checking back with weed-pullers, I head south to survey 'primrose' area for tomorrow. No nesting observed. This area was flooded and has a lot of pepperweed and Chenopodium album sprouts. But drier benches have lots of native forbs (species as described above).

Photo 1



photo_1_DG-4A_grassland_before_weedwhacking_facingS.J...

Photo 2



photo_2_DG-4A_grassland_after_weedwhacking_facingS.jpg

Photo 3



photo_3_DG-4_hand-pulling_facingN.JPG

Photo 4



photo_4_DG-4_cleaning_up_facingSW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:30

Ending Temperature (°F)

76

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'JAH', is centered within a rectangular box. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

signature-20220303-002654.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 3, 2022, 3:50:30 PM

Date of Log

Mar 3, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:15

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

Natures Image crew of 8 removing assorted nonnatives in DG-4 and DG-4A with handtools and line trimming

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

OATI, CALT, BUSH, SPTO, RCPA, SOSP, NUWO, CASJ, BEWR, LEGO, WCSP, desert cottontail, ACWO, CAQU, YRWA, RCKI, MODO, COYE, NOMO, NOFL, ECDO, ANHU, WREN, California Ground Squirrel, . RNDU. AMWP, GREG, AMCO, HOFI, CORA, RTHA, Pale Swallowtail, Cabbage White, Darkling Beetle, Monarch, Gulf Fritillary, Mourning Cloak, WEBL

Did You observe any Non-Compliance Issues?

No

Log Entry

0615-0700 WEAP training, drove down to site 0715-0930 DG-4 & DG-4A sites hand-weeding biomonitoring after introductions to foremen Daniel & Oscar. 0930-1100: took a walking tour of the site with Mike Walsh. Saw woodrat nest on DG-WOUS. north end. 1130-1230 line trimmer location decisionmaking for DG4A to avoid young annual bur sage & evening primrose natives, 1230-1400 line trim work biomonitoring at DG4A. 1400-1520 surveyed surrounding sites for next few weeks weeding work and took after photos. 1530-1600 finished log entries.

Photo 1



photo_1-pre_weeding_030322_facingE.jpg

Photo 2



photo_2-post_weeding_030322_facingE.jpg

Photo 3



photo_3-pre_weeding_030322_facingS.jpg

Photo 4



photo_4-post_weeding_030322_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

16:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Don Zepher", is centered within a white rectangular box. The signature is written in a cursive, flowing style.

signature-20220303-234949.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 3, 2022, 6:26:16 PM

Date of Log

Mar 3, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA WREN NUWO LEGO CAQU CAGO SPTO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU
ACWO BEWR BUSH CAKI SOSR RTHA RSHA**

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0630: Safety tailgate.

0640: Crew works in DG-2. Target species include: pepper weed, mustard, poison hemlock and Erodium. Crew lead works on irrigation in DG-3A.

0710: Crew spots coyote in DG-2.

0900: Crew takes a break.

0915: Crew returns to work at DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-2.

1445: Crew stops work for the day.

Photo 1



DG-2_crew_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Leti G. Reynolds", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L".

signature-20220303-185209.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 3, 2022, 11:32:47 AM

Date of Log

Mar 3, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

70

Construction Activity and Personnel

Natures Image crew of 4 installing irrigation in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, SOSP, SPTO, CASJ, CALT, WEBL, CORA, cottontail, HOFI, LEGO, YRWA, BEWR

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 biologist arrived on site. Weeding crew getting started. 0645 semi arrived to pick up skid steer from staging area. Change in schedule meant foreman for Ph3 will not bring irrigation pipe fusion machine until next week. Crew of three continuing to install half inch hoses and microlines in the field near the boulders. Confirmed with ECORP the irrigation/planting can extend into a neighboring section of DG-4. Monitor not needed for this work. 0715 walked with foreman up the Arroyo Seco past the bridge at JPL to survey for potential mulefat and willow cutting source plants. 1000 Monitor left the site after checking in with both the irrigation crew and the weeding monitors.

Photo 1



Skidsteer_pickup.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

10:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

0-3

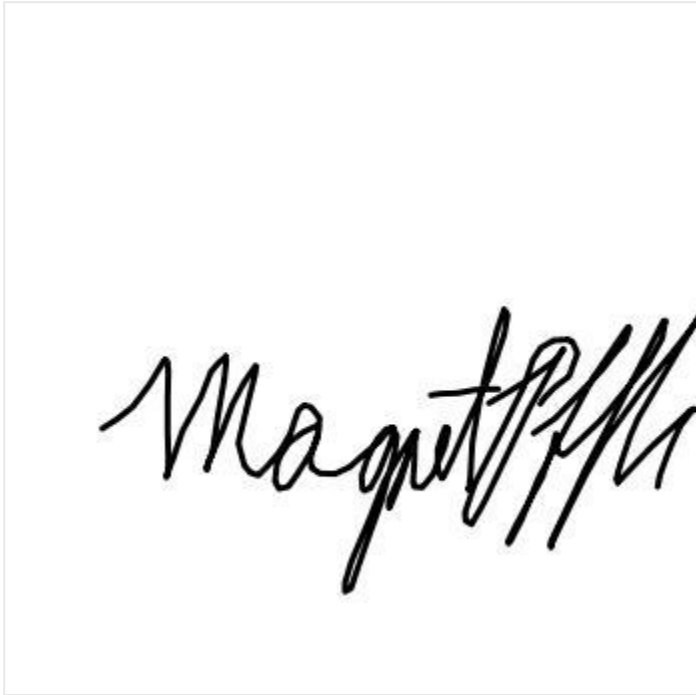
Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Magnet P/L".

signature-20220303-193155.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 8, 2022, 7:27:23 AM

Date of Log

Mar 4, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU ALHU
OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA**

Reptiles: NA

Mammals: California ground squirrel, desert cottontail

Amphibians: NA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew starts hand weeding in DG-2. Main target species include erodium, mustard, poison hemlock, and non-native grasses.

0900: Crew takes a break.

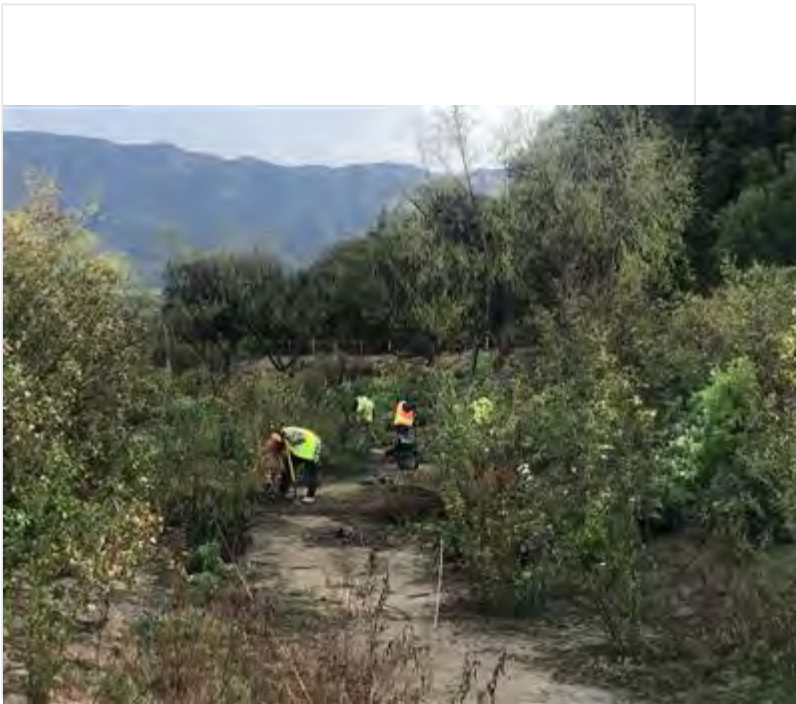
0915: Crew continues weeding in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_DG-2_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:55

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'KAPPA', enclosed in a rectangular box. The signature is stylized with overlapping loops and a long horizontal stroke extending to the right.

signature-20220308-152633.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 7, 2022, 2:25:59 PM

Date of Log

Mar 7, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

38

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4 (west of Boulder Area)

Hand tools, tarps, rakes

Seven crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, CATH, NOFL, CAQU, NUWO, MALL, ECDO, ALHU, TUVU, KILL

Did You observe any Non-Compliance Issues?

No

Log Entry

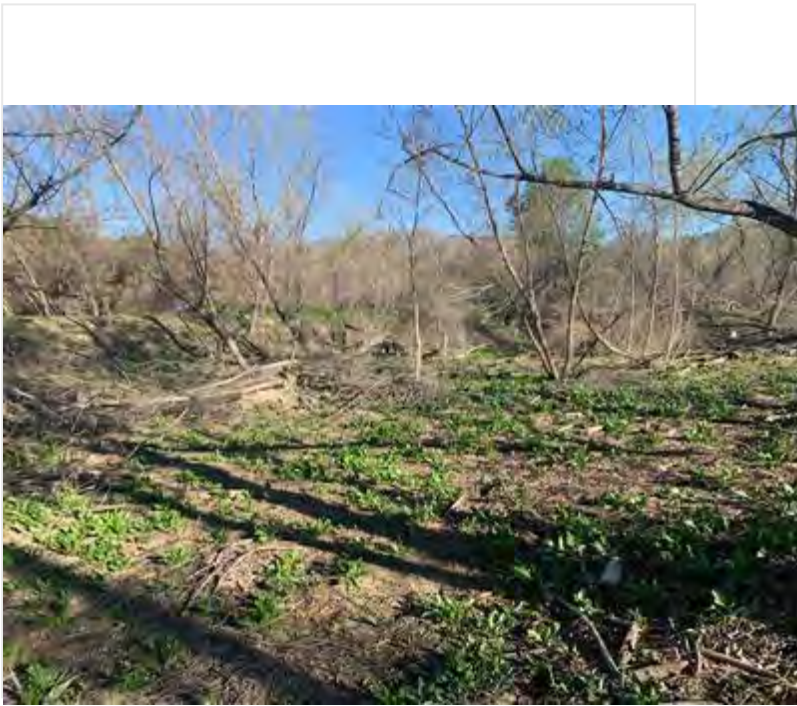
6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

6:45 Bio conducted precon NB survey. One BUSH nest obs and recoded. Bio notified crew for avoidance. Crew began weeding west of Boulder Area. Majority of non-natives still in veg state. Non-native continue to include primarily perennial pepper weed, mustards, hemlock.

1100: after lunch crew continued in same locations.

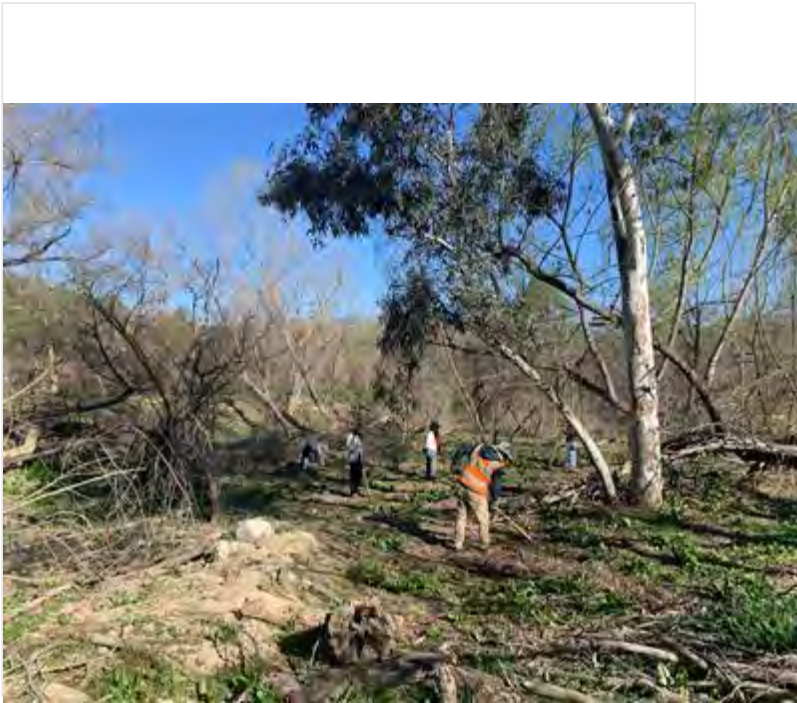
1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



VegRemoval_before_facingNW.jpg

Photo 2



VegRemove_during_facingNNW.jpg

Photo 3



Veg_clear_after_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

67

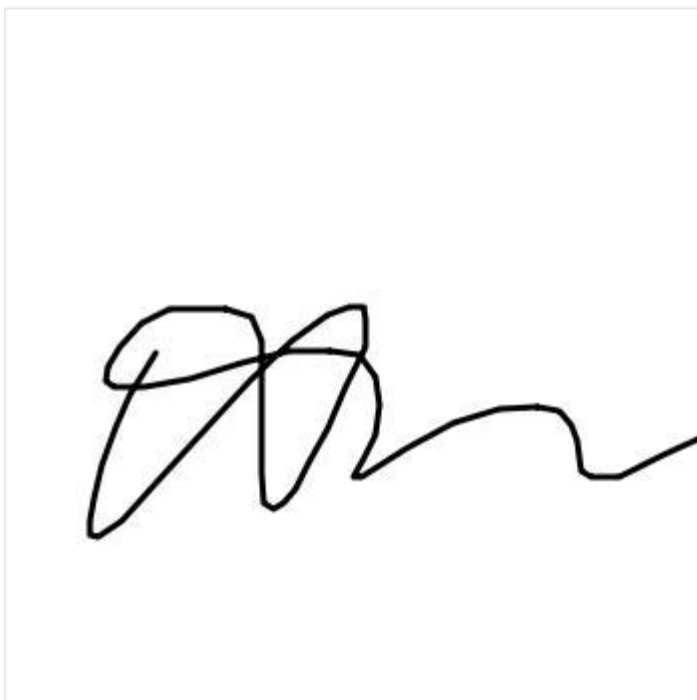
Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Signature



signature-20220307-214759.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 7, 2022, 7:46:00 PM

Date of Log

Mar 7, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

41

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

DANIEL, NI and crew of 10 split between weeding (monitored by Amy WFVZ) and irrigation installation (2)

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ANHU, SSHA, COHA, RSHA, RTHA, RBSA, BLPH, CSJA, CATH, CAQU, RCPA, AMCR, CORA, NRWS, BUSH, RCKI, BEWR, HETH, HOFI, LEGO, SPTO, YRWA, TOWA, CANG, MALL, RNDU, BUFF, AMCO on reservoir.

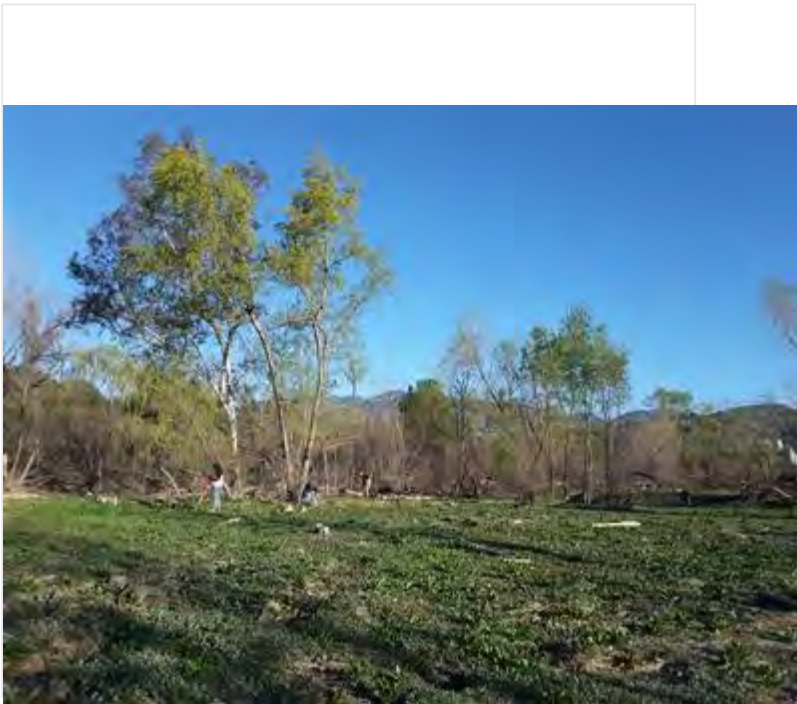
Did You observe any Non-Compliance Issues?

No

Log Entry

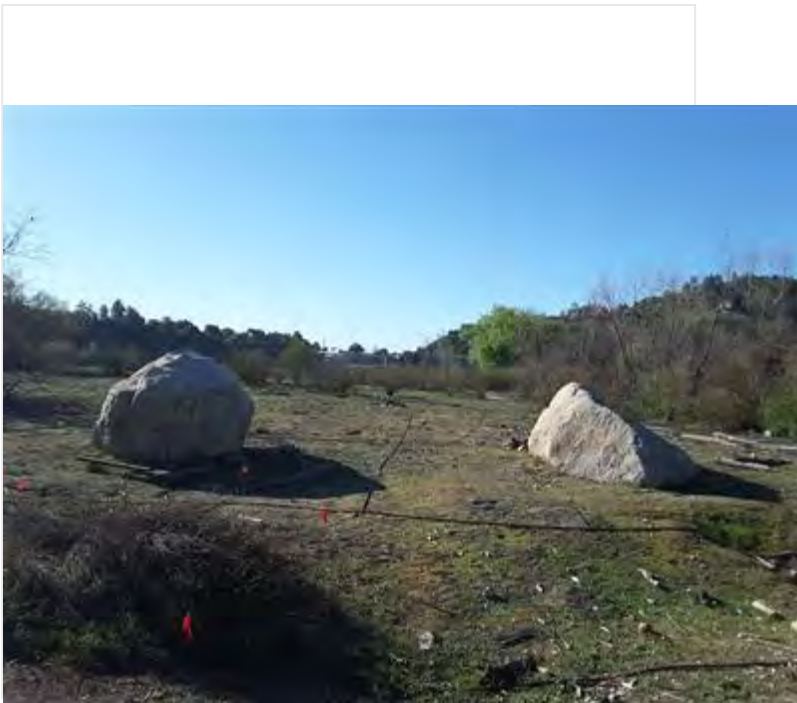
0630: meet Daniel after detour to south due to construction activity and road closure main access area. Meet Amy with WFVZ. 0700: help her survey Salix woodland for birds nesting in weeding area DG-4. Nothing found. 0800: survey planting area DG-4A at two boulders and south. Lots of singing with local resident birds and birds paired off including BUSH, CSJA, CALT, BEWR, SOS, OATI. Crew of 2 installs irrigation line. I monitor area which is clear of activity. Tomorrow we should have clearance for the generator and line fusing. ANHU nest found and logged on collector.

Photo 1



weedingArea facingNW_DG4.jpg

Photo 3



DG-4A_irrigation_line_and_planting_prep_looking_south.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Met Brandon, project manager with Edison on the south end of the site. 10 + field crew including CDFW, assessing power poles and ROW for maintenance and removal.

Signature

A handwritten signature in black ink, appearing to read "Brandon", is centered within a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220308-033435.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 7, 2022, 4:48:25 PM

Date of Log

Mar 7, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

44

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 4 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: VGSW CLSW TRSW RWSW KILL AMCO RUDU MALL RNDU CAGO SPTO CALT CATH YRWA CASJ HOFI
AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI**

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0635: Safety tailgate.

0640: Crew works on eastern side slopes. Target species include: pepper weed, mustard and lambs quarters.

0900: Crew takes a break.

0915: Crew returns to work on side slope.

0940: Crew switches location to work on DG-3A. Crew lead uses line trimmer to trim grasses.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-3A

1445: Crew stops work for the day.

Photo 1



Crew_DG-3A_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "L. H. [unclear]", is centered within a white rectangular box. The signature is written in a cursive style with some loops and flourishes.

signature-20220308-004810.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 8, 2022, 4:56:02 PM

Date of Log

Mar 8, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

43

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Daniel, foreman with NI and crew of 3, Ed, Nick, G. They continue irrigation line installation, all hand work.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

WEBL, YRWA, BEWR, SPTO, BLPH, CATH, CSJA, SOSP, AMCR, ANHU, BGGN, MODO, EUST, ECDO, BUSH, HOFI, CORA, CAQU, WBNU, CAKI, RTHA, OATI, HUVI, CLSW, LASP, ORJU, COHA, RCKI, HETH In reservoir: CANG, MALL, RNDU, BUFF, KILL, NRWS.

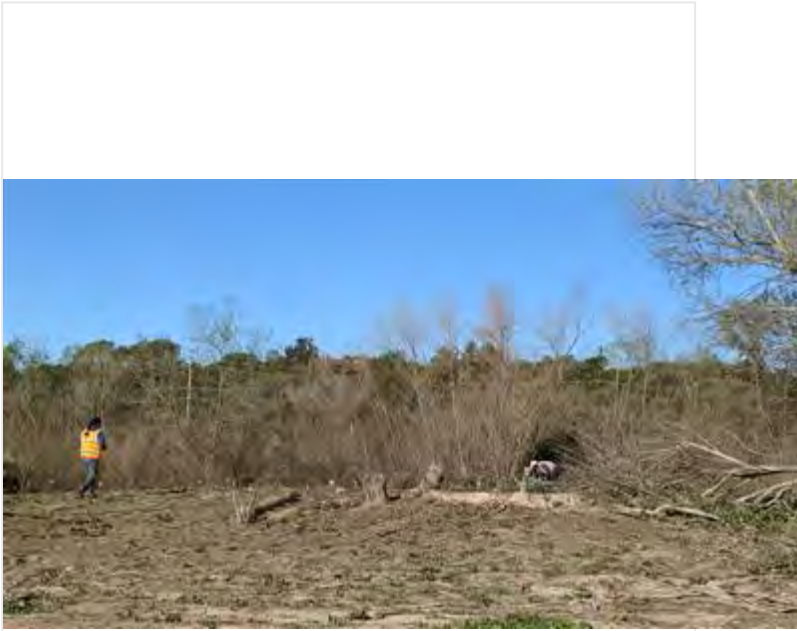
Did You observe any Non-Compliance Issues?

No

Log Entry

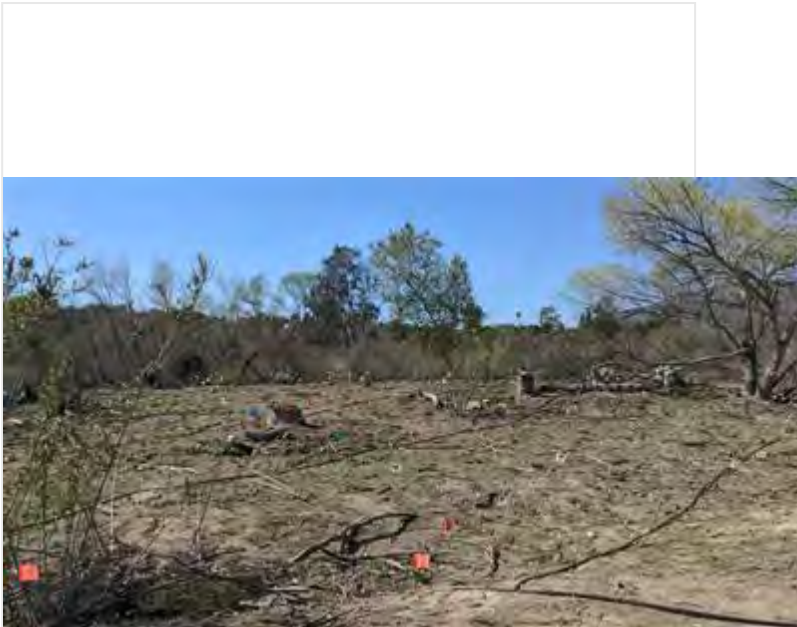
0645 WEEP trained new NI employee Genero, with Dave WFVZ and reviewed tablet protocol. 730 walk to irrigation installation area DG-4A. No veg removal here. monitored bird activity. Many birds are foraging in newly seeded planting area. No nests observed here, but lots of activity along the edges in mulefat. 1200 surveyed the new channels near the mining pit to the reservoir for nesting activity, pre-equipment work tomorrow. none observed. A CASJ was acting suspicious, showed Daniel the location.

Photo 1



DG4A_pre-installation_irrigation_line_looking_W_from_Reser...

Photo 2



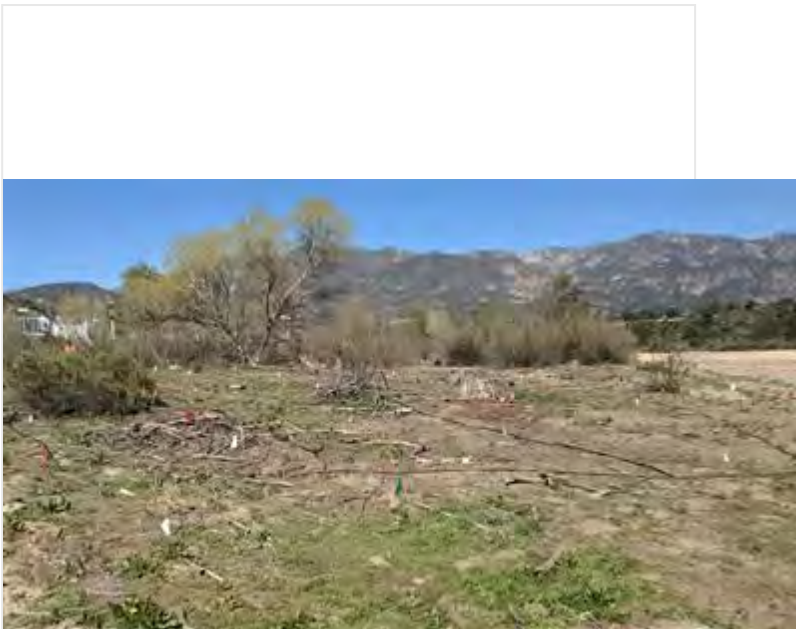
DG4A_post-installation_irrigation_lines_looking_W_from_Res...

Photo 3



DG4A_south_end_irrigation_installment_looking_N.jpg

Photo 4



DG4A_se_end_irrigation_installment_looking_N.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

66

Ending Wind Range (MPH)

4-6

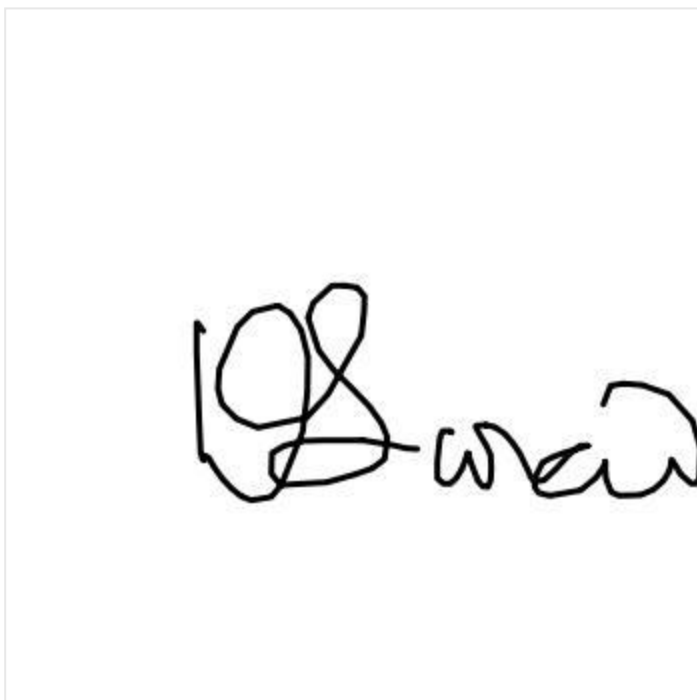
Ending Cloud Cover (%)

0

Additional Comments

Ive seen COHA activity on every visit in the south end near the foot bridge. I wouldn't be surprised if they are nesting here, although there is no evidence (nest, whitewash) yet. When I went to check ANHU nest that I found yesterday, an adult COHA was roosting right near the empty nest. But I heard ANHU chipping nearby.

Signature



signature-20220309-005037.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 8, 2022, 2:48:01 PM

Date of Log

Mar 8, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

43

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Daniel and 6 weeding crew members using hand tools from Nature's Image.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

OATI, BEWR, HUVI, RCPA, CASJ, SOSP, LEGO, MODO, CAGO, ANHU, CORA, SPTO, BUSH, CATO, Western Fence Lizard, AMCR, KILL, BUFF, RNDU, CAQU, Coyote's lower mandible, CATH, ACWO, YRWA, Painted Lady, Cabbage White, NOFL, Funereal Dusky-wing, Gulf Fritillary, MALL, Western Tiger Swallowtail

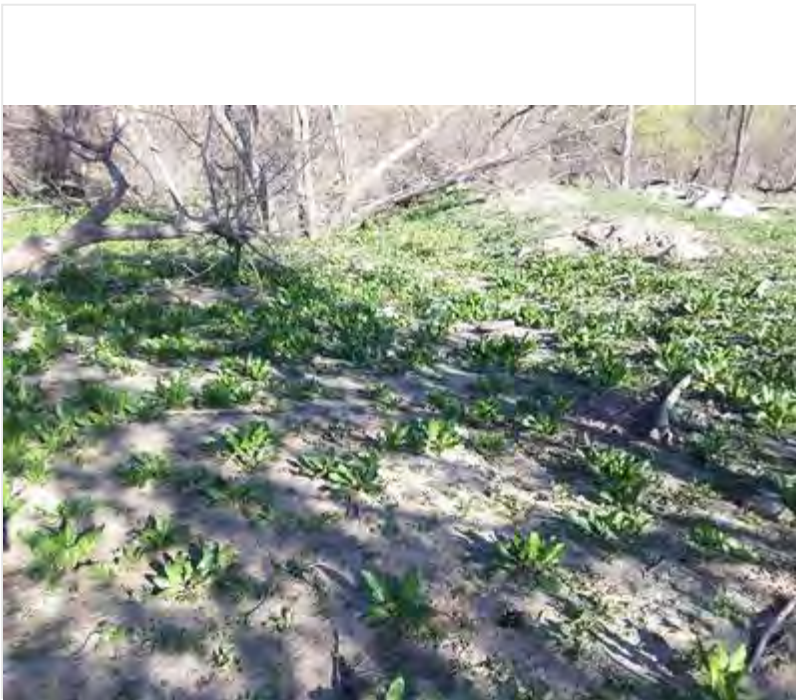
Did You observe any Non-Compliance Issues?

No

Log Entry

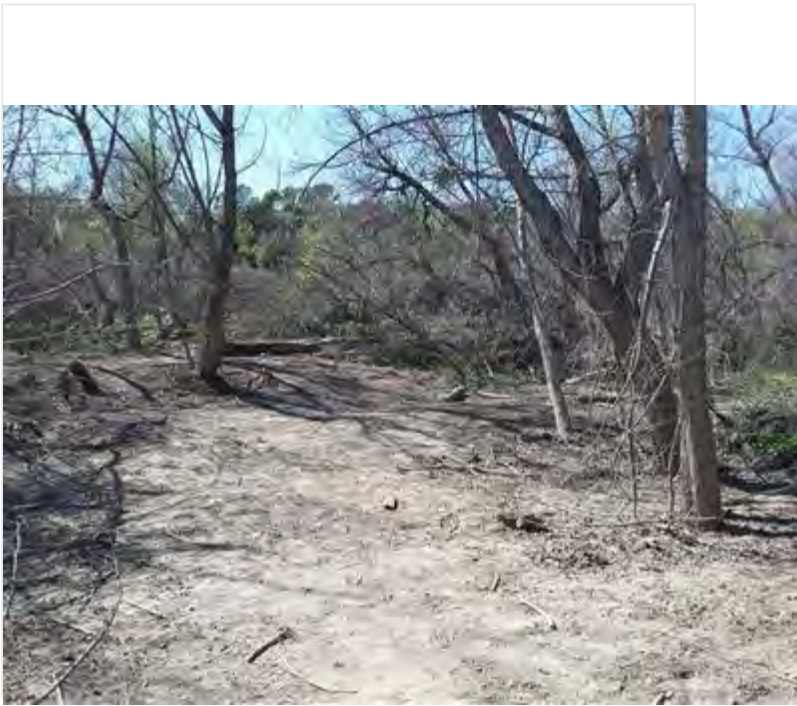
0630-0730 WEEP training of new weeding crew member by myself and Dawn. 0730-0900 biomonitored continuation of yesterday's hand weeding in DG-4A. 0900-1430 monitoring weeding at photo 1 location. farther south in DG-4A. 1430-1450 tablet entry completion.

Photo 1



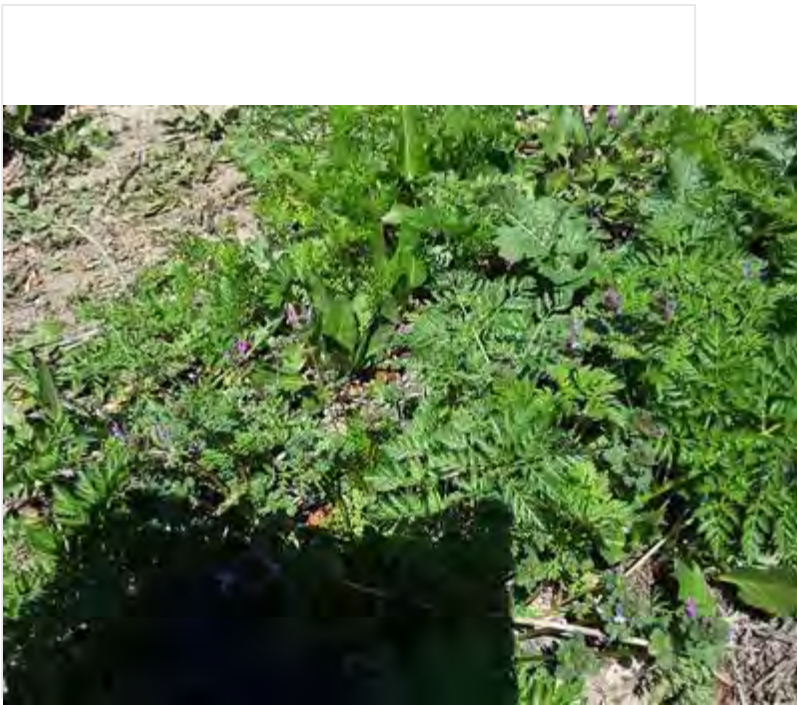
photo_1-20220308_DG-4A_LookingWestBefore.jpg

Photo 2



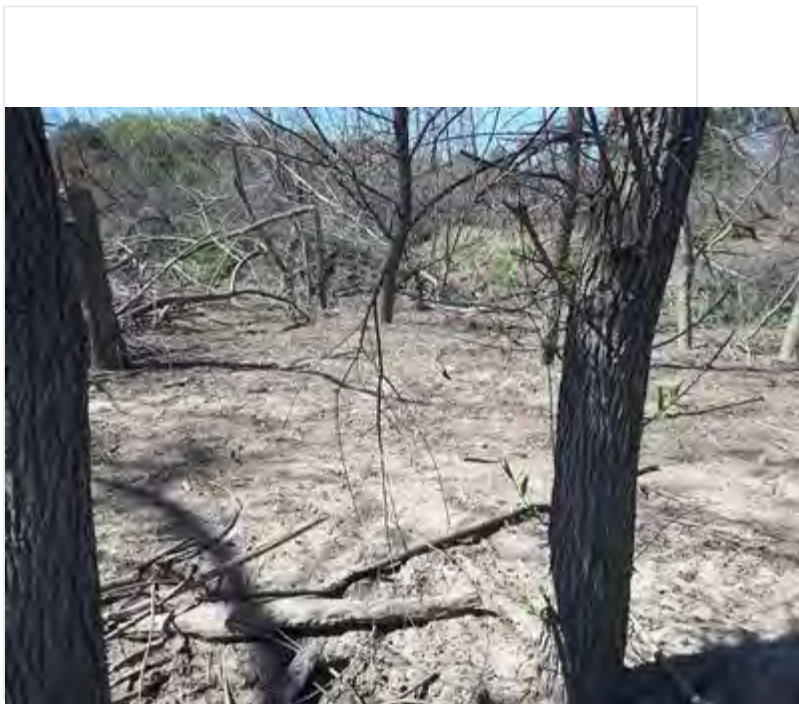
photo_2-20220308_DG-4A_LookingWestAfter.jpg

Photo 3



photo_3-20220308_Non-nativeHenbit_in_D-4A.jpg

Photo 4



photo_4-20220308_FinishOf0307_Weeding_LookingWest.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:46

Ending Temperature (°F)

76

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Paul Zepfel", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'P' and 'Z'.

signature-20220308-224712.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 8, 2022, 3:50:46 PM

Date of Log

Mar 8, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 4 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: MODO LCPA KILL AMCO RUDU GADW MALL RNDU CAGO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI

Reptiles: Western fence lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0630: Safety tailgate.

0640: Crew works on DG-3A. Target species include: pepper weed, mustard, bittercress and grasses. One crew member clears grasses with a line trimmer.

0900: Crew takes a break.

0915: Crew returns to work in DG-3A.

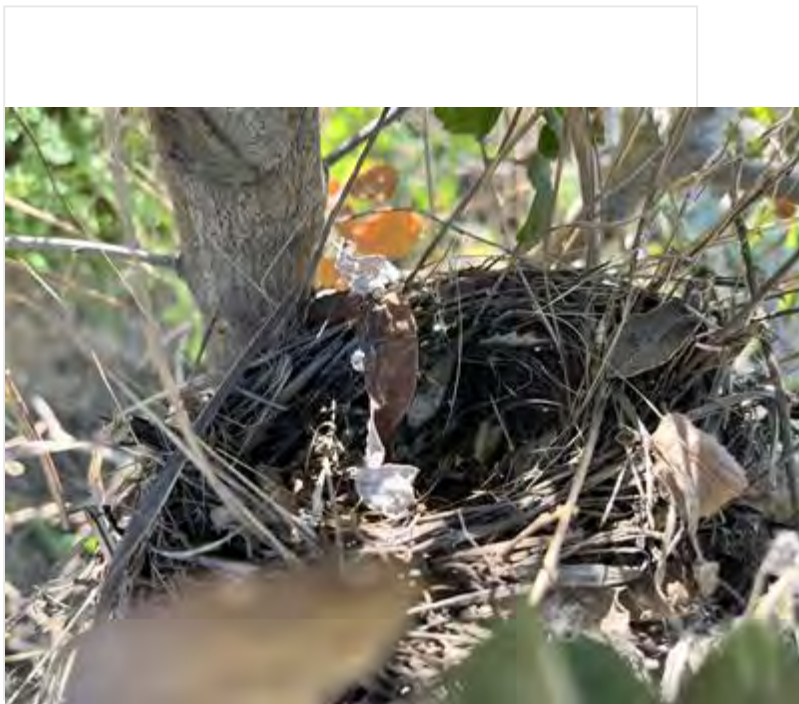
1050: Biologist finds old cup nest in DG-3A located in a young oak sapling. The nest does not appear active and is likely to be from last year, as there are many spider webs in it. No birds were detected in distress about the crew around the nest.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-3A

1445: Crew stops work for the day.

Photo 1



InactiveCupNest_DG-3A.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220308-213448.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 14, 2022, 1:10:11 PM

Date of Log

Mar 9, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

5

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU
ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO**

Reptiles: Western fence lizard

Mammals: California ground squirrel, desert cottontail

Amphibians:

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works trimming grass with a line trimmer and hand removing non-natives in DG-3A and side slopes. Main target species include mustard, poison hemlock, and non-native grasses.

0900: Crew takes a break.

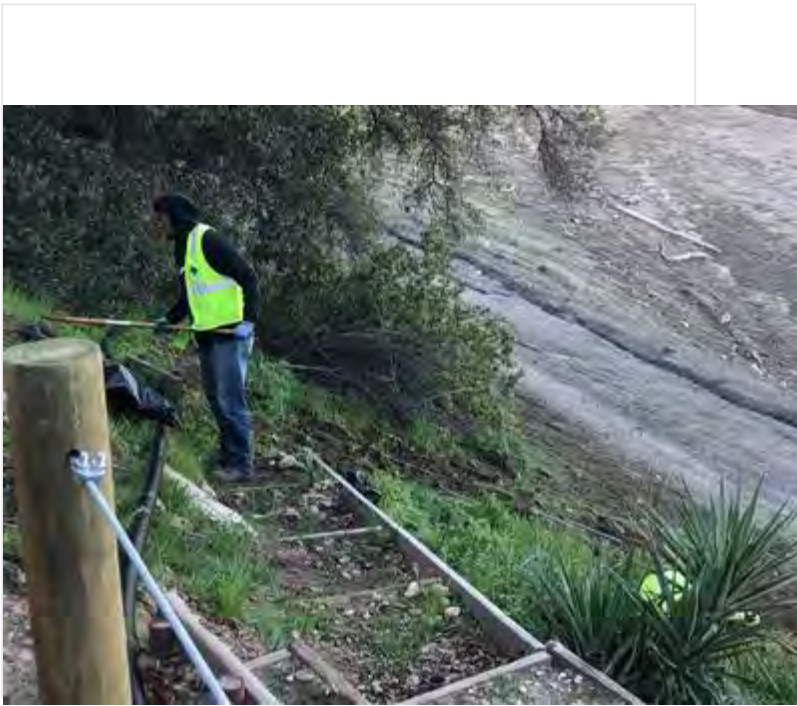
0915: Crew continues to work on DG-3A and side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-3A and side slopes.

1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_DG-3A_facingSW.jpg

Photo 2



Invasive_species_removal_Side_Slopes_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:55

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6

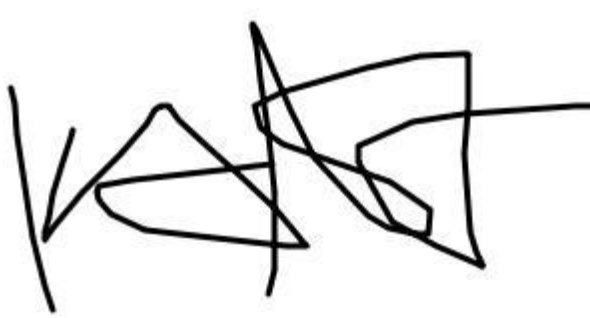
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'K. A. B.', is written inside a rectangular box. The signature is stylized and somewhat abstract, with overlapping loops and a long horizontal stroke extending to the right.

signature-20220314-200941.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 9, 2022, 3:17:36 PM

Date of Log

Mar 9, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 5 touching up grading in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, SPTO, LEGO, CASJ, BUSH, BEWR, ANHU, NOFL, RCKI, SAVS, NUWO, ACWO

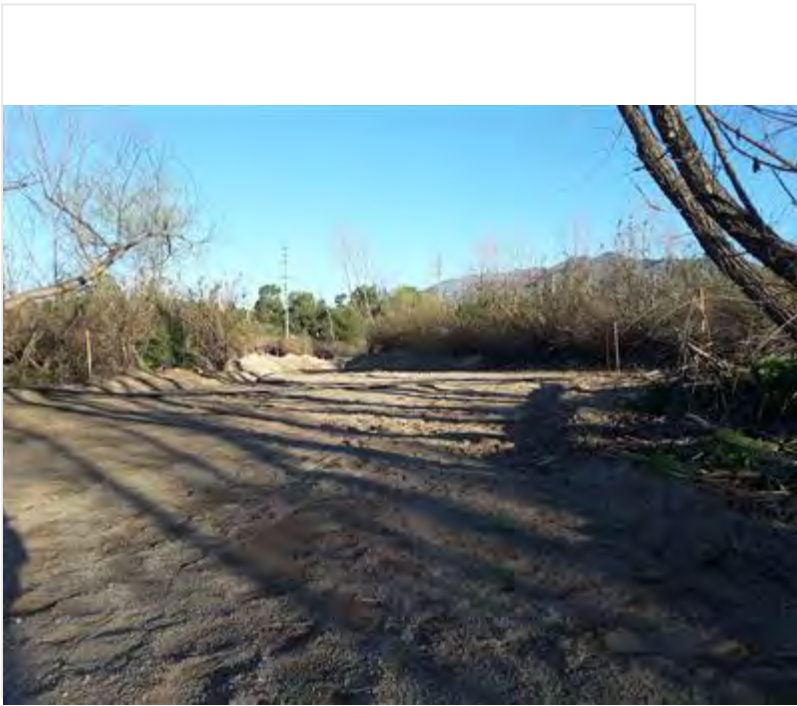
Did You observe any Non-Compliance Issues?

No

Log Entry

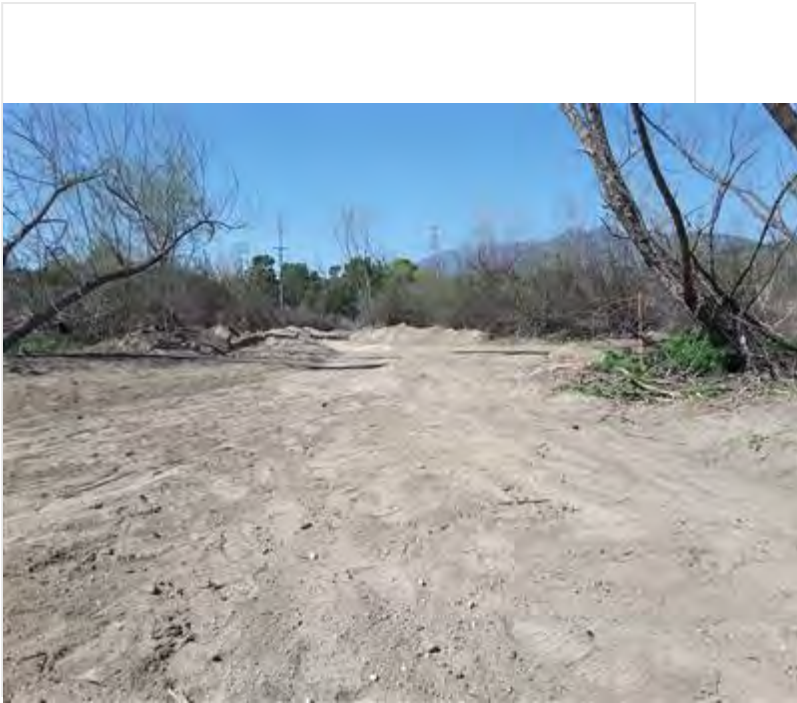
0630 arrived on site and met with NI foreman D. Holmes. 0650 second crew arrived and walked grading areas identified by ECORP to be touched up. 0715 observed no activity at CATH01, so approached nest. Nest was empty and probably fledged, no adults or juvenile around. Will continue monitoring as this nest's buffer includes areas that need grading. Monitor accompanied foreman while fixing inlets with shovel. 0945 Found new BUSH4 nest being built just outside grading area in DG-4 WOUS. This nest is adjacent to the CATH buffer which is now lifted. Several CASJ in area, do not want to draw attention but will monitor pair's behavior while mini excavator machine is running. 1245 operator finished grading all remaining areas of DG-4 WOUS. Crew used hand tools to smooth out areas. 1345 Monitor checked in with other crew installing irrigation in DG-4A near boulders. Small area south of the trail is complete.

Photo 1



GradingTouchUp_before_facingW.jpg

Photo 2



TouchedUpChannel_after.jpg

Photo 3



DG-4WOUS_graded.jpg

Photo 4



DG-4A_IrrigationInstalled_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Margaret P. G. H.".

signature-20220309-231643.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 10, 2022, 1:27:07 PM

Date of Log

Mar 9, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 6 hand-pulling weeds on west side of reservoir including Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NOFL, TUVU, COHA, CALT, BUSH, BEWR, CASJ, ANHU, ALHU, HUVI, SPTO, LEGO, OATI, CATH, YRWA, WCSP, COYE, COHA, RTHA, big-eared woodrat, w fence liz, RCKI

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew heads to DG-4, DG-4 Sheetflow area in willow forest at 34.189474°N 118.176156°W. Weeds are mostly pepperweed and lamb's quarters sprouting vigorously after recent flooding (mainly pepperweed in the leaf litter and woody debris under willows; Chenopodium plus pepperweed in bare ground patches with some newer horseweed and mustard sprouts). 0700 checked on BUSH-0X nest, still being built. Woodrat and BEWR active in this area. 0930 I'm looking at DG-4A area to SW that Oscar wants to weed-whack after lunch. It's mainly a mat of pepperweed and lambs quarters but there some native Erigeron canad., Ambrosia acanthicarpa, some likely primrose/suncups. 1030 I documented a BUSH nest and ANHU nest south of here, well away from today's work area. Also, ANHU seen gathering material at BUSH nest site and flew W - diff than ANHU nesting to S. 1130 Oscar starts weed-whacking pepperweed in DG-4A after he and I scan the area and mark potential native sprouts. There are very few - some Canada horseweed and suncups. One weed whacker continues in the area, altering users. Rest of crew continues to pull hemlock etc in DG-4 under willows.

Photo 1



photo_1-DG-4-Sheetflow_during_hand_pulling_facingS.jpg

Photo 2



photo_2-DG-4A_before_weeding_facingNW.jpg

Photo 3



photo_3_DG-4A_weed-whacking_facingNW.jpg

Photo 4



photo_4-DG-4_hand_pulling_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of a stylized first name followed by a last name, all contained within a rectangular box.

signature-20220310-212407.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 10, 2022, 3:15:17 PM

Date of Log

Mar 10, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

60

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and two line trimmers.**
- 3. Gothic Landscaping. Crew of 6 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: MODO LCPA KILL BUFF RWSW BARS AMCO RUDU GADW MALL RNDU CAGO CACG CALT CATH
YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI NUWO**

Reptiles: Western fence lizard

Amphibians: western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0630: Safety tailgate.

0640: Crew works on the eastern side slopes. Target species include: pepper weed, mustard, stinking camomile, Russian thistle, and grasses.

0900: Crew takes a break.

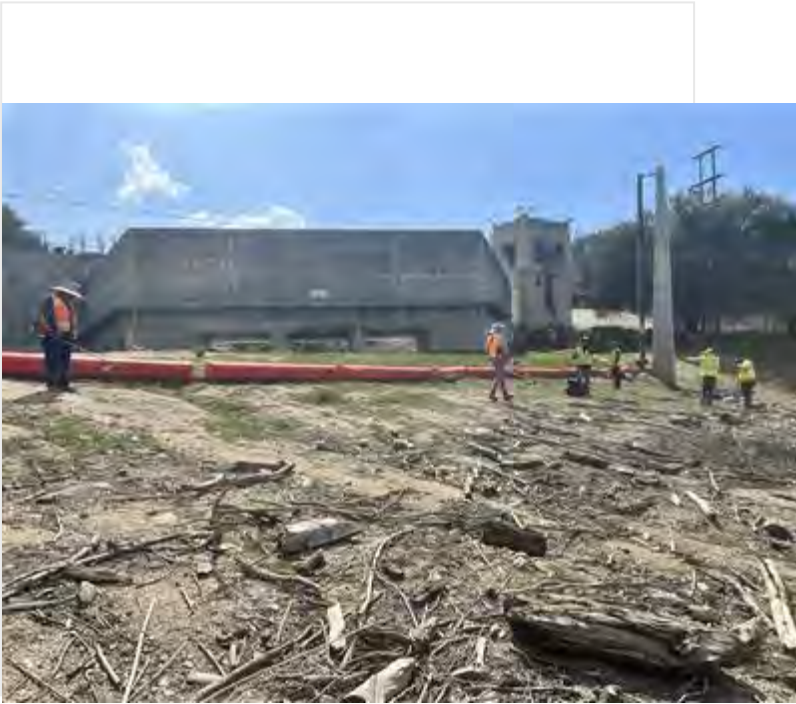
0915: Crew returns to work on side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work on side slopes.

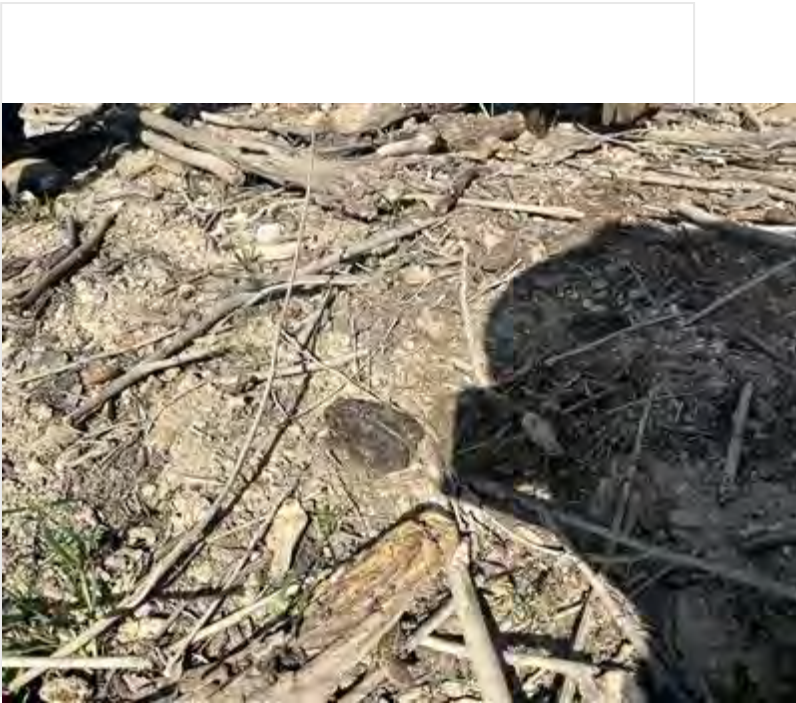
1445: Crew stops work for the day.

Photo 1



Crew_sideslopeE_facingS.JPG

Photo 2



WesternToad_sideslopeE.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John Updegrave", is centered within a white rectangular box. The signature is written in a cursive style.

signature-20220310-210400.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 10, 2022, 4:51:08 PM

Date of Log

Mar 10, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

Natures image crew of 6 reshaping low flow channels and berms in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, BUSH, RCPA, CALT, CATH, WCSP, CANG, WREN, AMCO, MALL, RNDU, NOFL, NUWO, CASJ, SPTO, EUST, ANHU, WEBL, CAKI, OATI, LEGO, PUF, YRWA, NRWS, BEWR, OCWA, MODO, RSHA, California ground squirrel, western fence lizard, common side blotched lizard, desert cottontail, mule deer (tracks)

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: arrived on site. Performed a nesting bird survey while crew set up. 0645: cleared crew to work. Monitored reshaping of berms and low-flow channels in DG-4 wous with hand tools. 1000: found a CASJ nest under construction in DG-4. Advised crew to avoid and implemented a 65 foot buffer. Logged in collector as CASJ_03. Photographed erosion on north side of basin. 1030: resumed monitoring grading work. 1330: surveyed north of the site for willows suitable for cutting. Found 1 very large Salix lasiolepis and several very large Salix goodingii. 1400: crew finished all grading tasks and wrapped up.

Photo 1



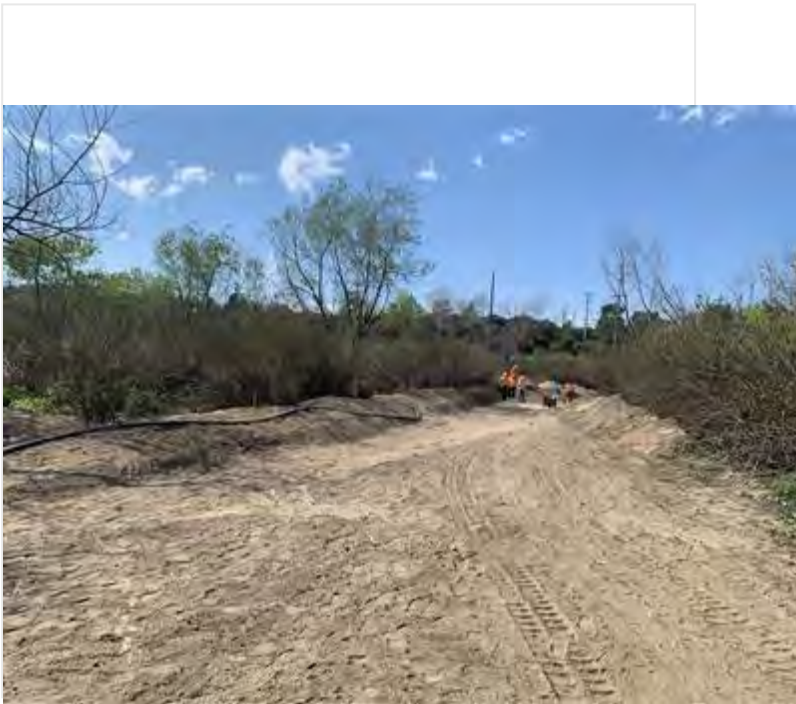
photo_1-before_reshaping_lowflow_facingE.jpg

Photo 2



photo_2-after_reshaping_lowflow_facingE.jpg

Photo 3



photo_3-crew_resaping_berms_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

65

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Nikolaus". The signature is written in a cursive style with some overlapping letters. It is contained within a rectangular box.

signature-20220310-164814.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 10, 2022, 2:40:29 PM

Date of Log

Mar 10, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

90

Construction Activity and Personnel

Natures Image crew of 6 hand-pulling weeds on west side of reservoir.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

OATI, BEWR, LEGO, SOSP, CALT, SPTO, COYE, RCPA, YRWA, BUSH, ALHU, ANHU, MODO, NRWS, BLPH, KILL, CAQU, COHA, CORA, RTHA, CORA, w fence liz, WBNU.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew heads back to 'primrose' area to continue where they left off yesterday. All workers are hand-pulling/hoeing in planted area (DG-4/4A: 34.189692°N 118.176538°W) and getting pepperweed around trees in DG-4 to S. Weeding in planted area is mostly handpulling with limited tools due to abundance of native forbs and grasses (Elymus tri., Bromus carinatus?). 0845 after break, two weedwackers are deployed to get pepperweed etc in area that flooded in Dec/Jan, one is under willows in DG-4A (34.189434°N 118.176881°) and other is finishing up the open area near reservoir boundary (DG-4A). Same work continues after lunch. Weedwackers both in DG-4 in willow forest and proceeding to SW, avoiding ANHU and BUSH nest buffers. 1400 new ANHU nest being built in weedwacking area - work was already nearly done and the nest was not in danger so I let them work through it. ANHU continued building afterward. No buffer flagging placed yet.

Photo 1



photo_1-DG-4_handpulling_facingSW.jpg

Photo 2



photo_2-DG-4_after_weedwacking_facingSW.jpg

Photo 3



photo_3-DG-4_before_weedwacking_facingNE.jpg

Photo 4



photo_4-DG-4_after_weedwacking_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

67

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A.A.', is centered within a white rectangular box. The signature is fluid and cursive, with a horizontal line extending to the right.

signature-20220310-223325.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 11, 2022, 3:12:34 PM

Date of Log

Mar 11, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:15

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 5 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: MODO KILL BUFF RWSW AMWI AMCO MALL RNDU CAGO CACG CALT CATH YRWA CASJ HOFI AMCR
CORA RCKI ANHU ACWO BEWR BUSH OATI NUWO ALHU CITE**

Reptiles: Western fence lizard

Amphibians: American bullfrog

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0615: Arrive on site.

0635: Safety tailgate.

0640: Crew works on the eastern side slopes and DG-3A. Target species include: pepper weed, mustard, lambs quarters, and knotweed.

0740: Biologist finds ANHU nest across the road in the northern section of DG-2

0900: Crew takes a break.

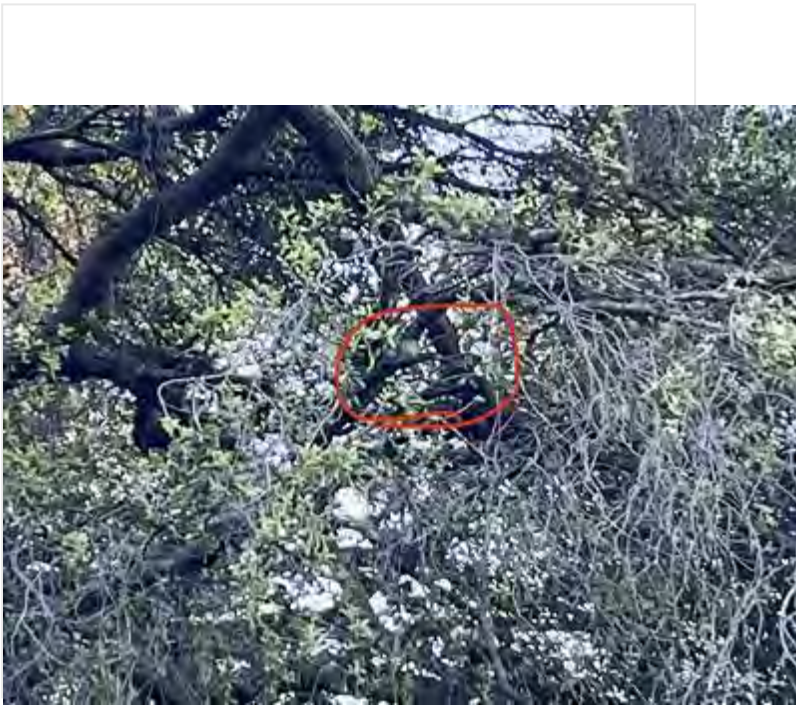
0915: Crew returns to work on side slopes and DG-3A.

1200: Crew breaks for lunch.

1230: Crew returns to work on side slopes.

1445: Crew stops work for the day.

Photo 1



ANHU_nest_DG-2_facingSE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John W. Kegan", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220311-185644.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 11, 2022, 3:23:45 PM

Date of Log

Mar 11, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crews weeding in DG-4 (5) and installing irrigation (9) in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, LEGO, SOSP, BEWR, BUSH, CORA, ANHU, CAQU, SPTO, CASJ, RTHA, DEJU, WCSP, RCKI, ACWO

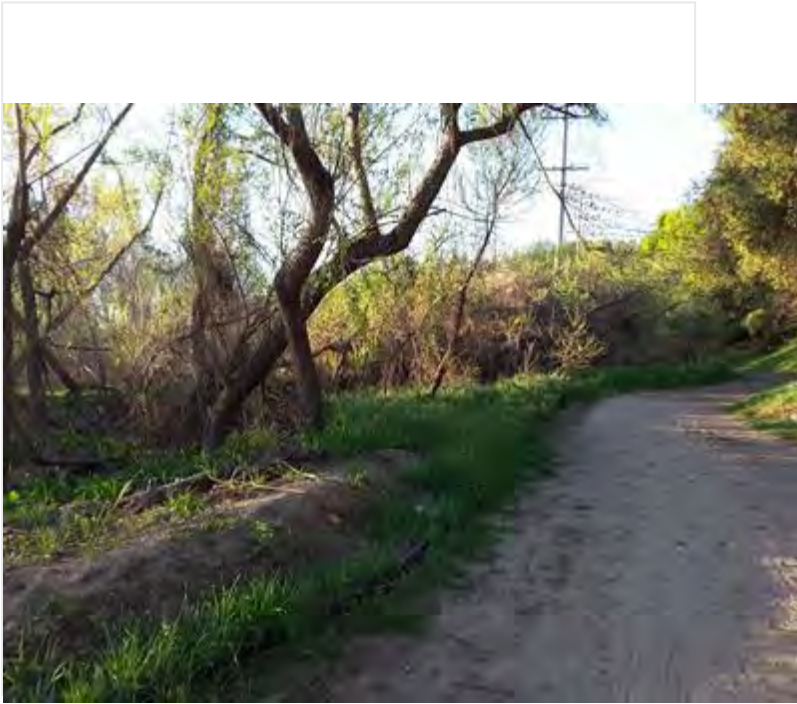
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 arrived on site and met with foreman. Phase 3 work will not need monitor, so will cover both crews. 0650 cleared work area for weeding crew along trail in DG-4 just south of primrose. 0730 Walked the boundaries of the next DG-4A field where irrigation will be installed. Five guys working on assembling irrigation controls in staging area. 0845 one crewmember left due to family emergency. 0900 found a nearly complete BUSH nest just south of where the crew was working. Adults actively building and nest is above the trail. Monitored as crew got closer, pair seem unbothered by the crew as they are working with hand tools on the other side of the trail. 1130 After lunch, second crewmember left after touch poison oak. Monitor asked crew leader to have everyone work across from nest to get area done faster and move away from nest. Crew continued until 1400 when they started hauling tarps.

Photo 1



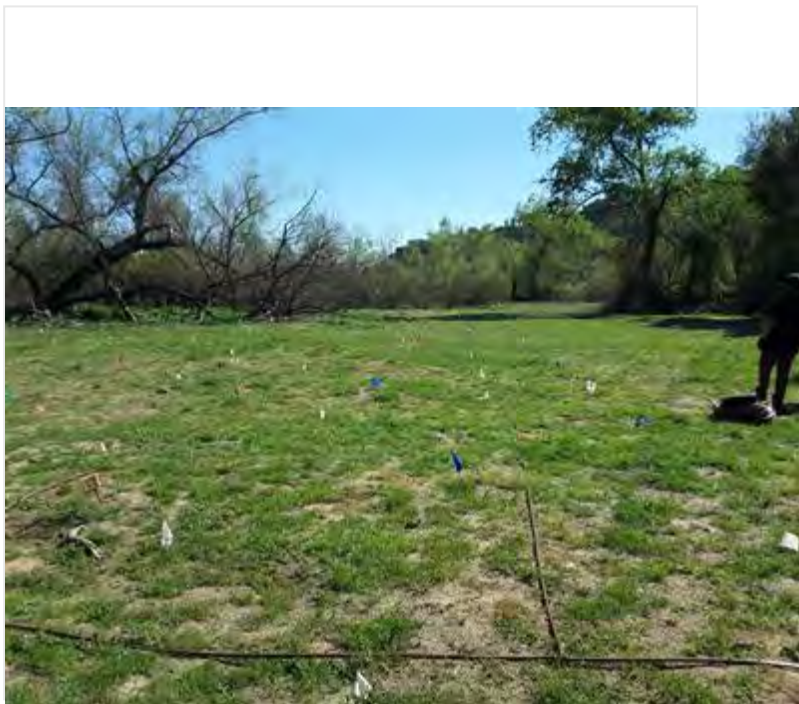
DG-4Trail_before_FacingS.jpg

Photo 2



DG-4Trail_after.jpg

Photo 3



IrrigationInstalled_DG-4A_FacingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Magut P. Her", is centered within a white rectangular box. The signature is written in a cursive style with some loops and flourishes.

signature-20220311-232301.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 14, 2022, 6:31:26 PM

Date of Log

Mar 14, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

43

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A

Hand tools, tarps, rakes

Five crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, COHA, NOFL, CAQU, NUWO, MALL, ECDO, ALHU, TUVU, KILL, PSFL, AMRO

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

700: bio trained (WEAP) new crew member.

730: Bio conducted precon on new work zone-DG-4A. Bio reviewed plants and taught new crew member how to identify the 3 main plants the crew removes: hemlock, mustard, pepper weed. Crew hand pulled and used hand tools.

800: Mike and Daniel detected a Cooper's Hawk nest. Adults appeared agitated. Nest buffer of 150ft was inputted into Field Maps.

1100: after lunch crew continued in same locations. Bio updated 2 nests (ANHU_05 and ANHU_04), and found 1 new nest (LEGO).

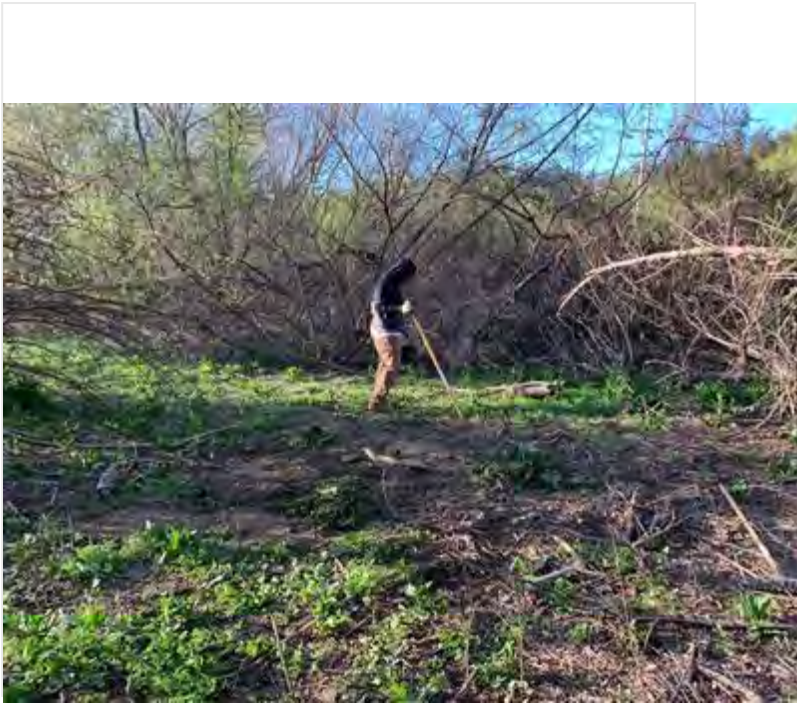
1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



Veg_Removal_before_facingS.jpg

Photo 2



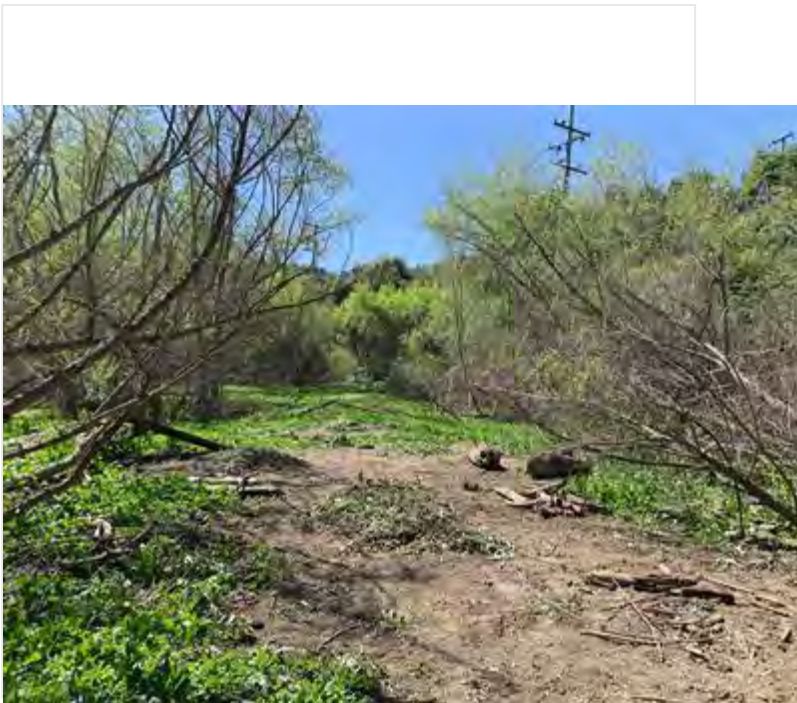
Weed_removal_during_facingS.jpg

Photo 3



Weed_removal_after_facingS.jpg

Photo 4



WeedRemoval_during_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75


Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, consisting of a stylized, cursive initial followed by a horizontal line that ends in a small hook.

signature-20220314-204310.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 14, 2022, 3:58:05 PM

Date of Log

Mar 14, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: KILL WEBL AMWI AMCO MALL RNDU CAGO CACG CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI NUWO ALHU CAQU

Reptiles: Western fence lizard, side-blotch lizard, rattle snake

Amphibians: Frog (possibly chorus frog), western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0655: Safety tailgate. 6 new crew members are present today.

0640: Crew works on DG-3B. Target species include: pepper weed, mustard, lambs quarters, and knotweed.

Biologist gives WEAP training to new crew members.

0900: Crew takes a break.

0915: Crew returns to work on side slopes and DG-3A.

1100: Half of crew moves to work on DG-02, while other half of crew fine details DG-3B

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-3B and DG-02.

1315: Full crew moves to DG-2.

1415: Crew finds a mature rattlesnake in DG-2. Crew moves out of the area and moves north to work for the rest of the day.

1500: Crew stops work for the day.

Photo 1



Crew_DG-3B_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

74

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John Walker", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220314-201556.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 14, 2022, 5:53:03 PM

Date of Log

Mar 14, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Monitored pipe fusion, irrigation setup in DG-4A and in the parking lot adjacent to DG-4B

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, WCSP, BEWR, ACWO, MODO, CALT, CASJ, COYE, SOSP, AMCR, WREN, OATI, NUWO, LEGO, RCPA, OCWA, NOFL, RCKI, YRWA, BUSH, HOFI, NOMO, WEBL, SPTO, RSHA, ANHU, BLPH, CEWA, RTHA, CAQU, BGGN, WBNU, western fence lizard, common side blotched lizard, fox squirrel, COHA.

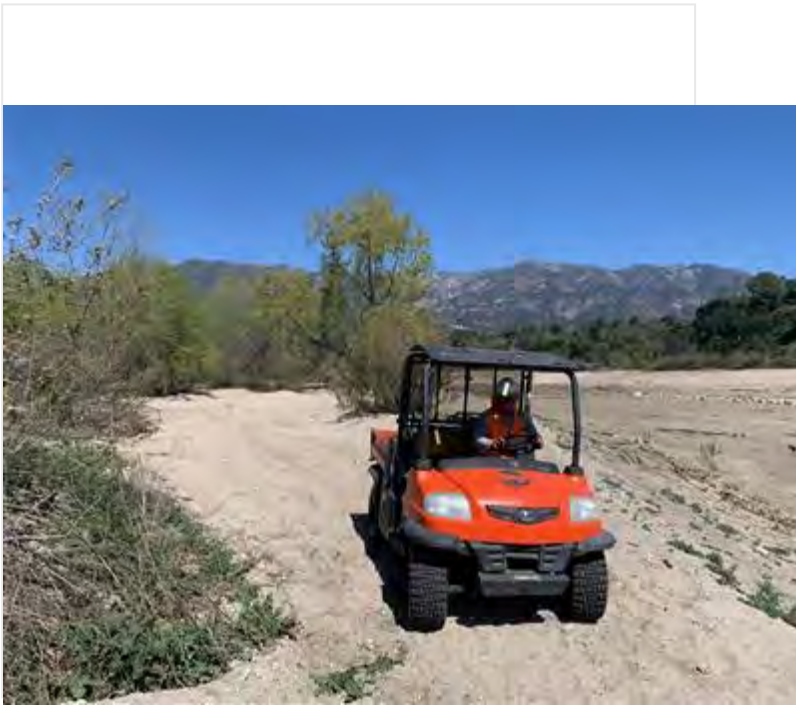
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: swept area crew would be working in for nesting birds while they set up. 0645: monitored irrigation setup in DG-4A in the "primrose" field. Walked crew members through borders of the area to be irrigated to be sure that acreage was not exceeded. 0800: swept DG-4B for nesting birds, crew was fusing pipe in the adjacent parking lot. Spent rest of day monitoring between both crews. 1000: went to southernmost area of site to survey for willows to harvest for stakes. Found numerous Salix goodingii, no laevigata/lasiolepis. While down there, I was scolded by a raptor; I saw 2 of them in a nest pad in a Fraxinus 40+ feet from the ground. Area was very well hidden and could not get a good view of them, and could not determine nesting stage. From the little bit of the birds I could see they appeared to be Red-shouldered hawks. However, there have been lots of recent COHA sightings in this area, my ID could be incorrect. They were clearly very agitated by my presence (staring at me, loud/frequent alarm calls, movement) so I did not spend much time there. Advised weeding crew to avoid, implemented a 150 foot buffer, which will be revisited as the crew approaches the nest or begins using louder equipment. Not yet flagged because crew is still very far. 1130: site visit with Carly (ECORP) to inspect the grading. 1230: continued monitoring irrigation setup and fusion. 1330: a crew member used a bobcat to move fusion equipment to the boulder field. Spotted this activity. 1430: crew wrapped up, left site.

Photo 1



photo_1-spotting_bobcat_FacingN.jpg

Photo 2



photo_2-Irrigation_progress_facingW.jpg

Photo 3



photo_3-newly_fused_pipe_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

77

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. F. W. A. S. T.", enclosed within a thin black rectangular border. The letters are stylized and somewhat irregular, with some overlapping strokes.

signature-20220314-172822.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 15, 2022, 3:09:59 PM

Date of Log

Mar 15, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

43

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A

Hand tools, tarps, rakes

Five crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, CANG, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, COHA, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, KILL, PSFL, AMRO, PISI, BGGN, CATH, RUHU, WEBL

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

700: Bio conducted precon on new work zone-DG-4A. Bio noticed COHA (nest association currently labeled RSHA_01, but name may change to COHA?) sitting and singing atop a nearby tree to crew. Although the crew was working 200ft away from nest (outside of current buffer range) foreman Daniel suggested moving work to far north end of restoration site, to avoid disturbance to nest.

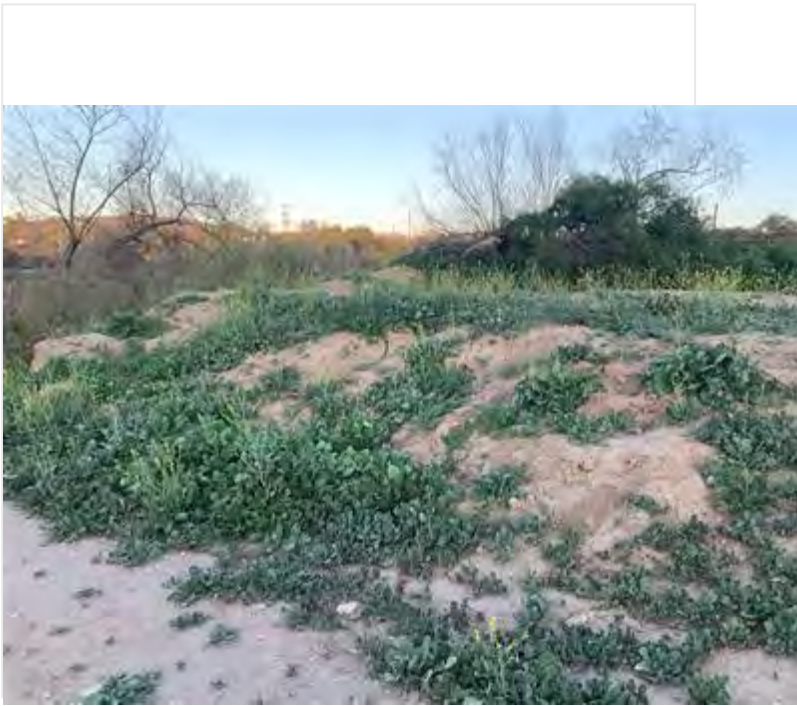
730: Bio conducted precon and crews worked in new area DG-4A and DG-4 on the northern end.

1100: after lunch crew continued in same locations.

1300: CASJ nest detected. Crew moved to a further location to not disturb nest building activities.

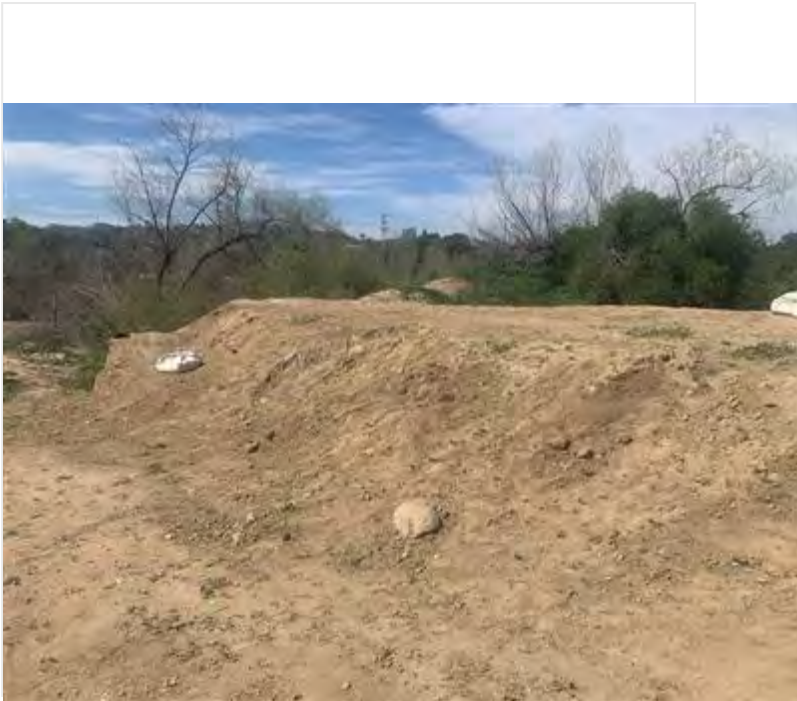
1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



WeedRemove_before_facingNW.jpg

Photo 2



WeedClearing_after_facingNW.jpg

Photo 3



WeedClear_during_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

77

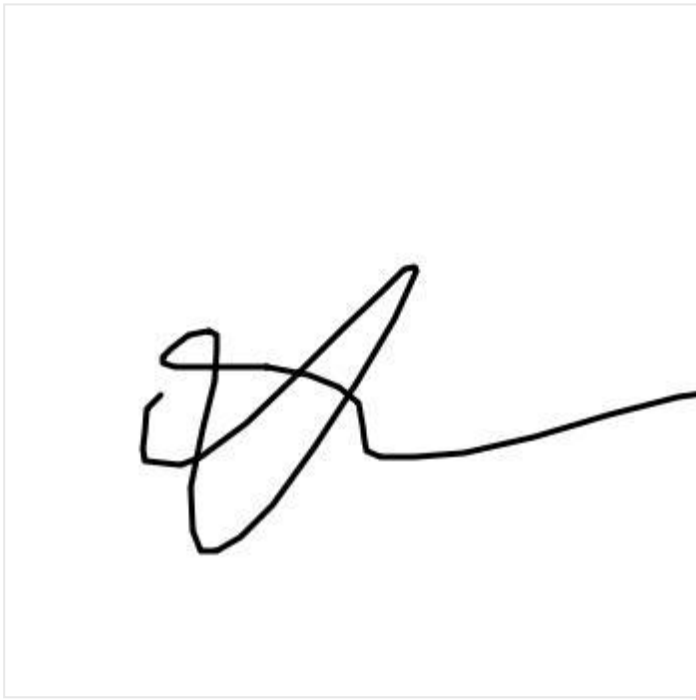
Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature



signature-20220315-220936.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 16, 2022, 1:38:39 PM

Date of Log

Mar 15, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: AMCO MALL RNDU CAGO CACG CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR
BUSH OATI NUWO ALHU CAQU**

Reptiles: Western fence lizard, side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0640: Crew works on DG-2.

0900: Crew takes a break.

0915: Crew returns to work on DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-02.

1315: Crew returns to work in DG-2.

1500: Crew stops work for the day.

Photo 1



Crew-DG2_facingNE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

75

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "John W. W.", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J" and a long, sweeping underline.

signature-20220315-204949.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 15, 2022, 3:22:25 PM

Date of Log

Mar 15, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 installing irrigation and fusing pipe in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, CATH, SPTO, SOSP, COYE, MODO, RCPA, AMCR, CASJ, BGGN, NOFL, ACWO (one individual with AKD), BEWR, HIFI, CANG, LEGO, WCSP, YRWA, RNDU, MALL, AMCO, BUSH, WTSW, ANHU, NRWS, BLPH, STEJ, KILL, WBNU, RSHA, AMKE, PEFA, NOMO, RCKI, southern pacific rattlesnake, San Diego alligator lizard, California ground squirrel, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

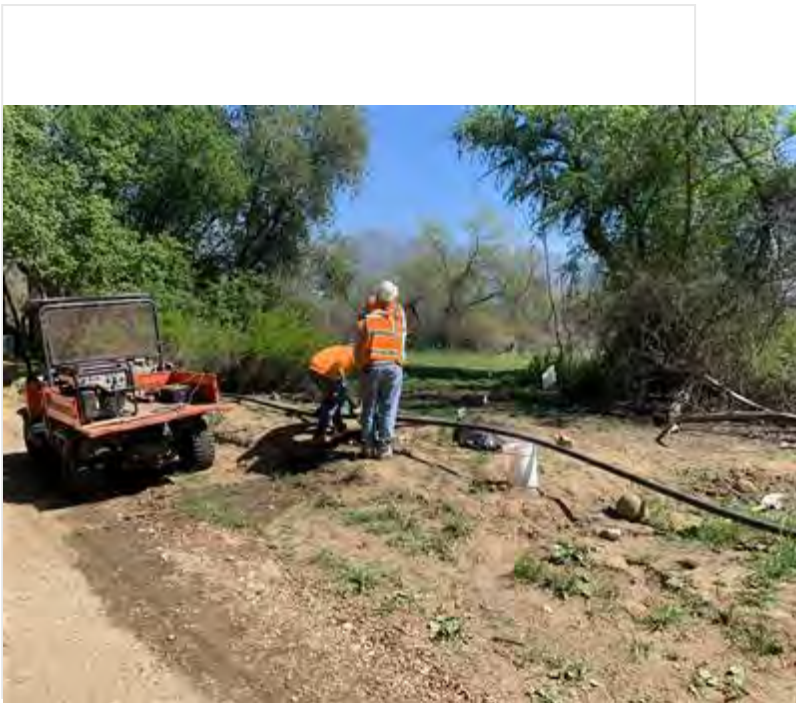
0650: monitored pipe fusion in DG-4A in the "boulder" area. 0740: surveyed area surrounding Daniel's crew, who was installing emitters in DG-4A south of DG-5. Found a CASJ nest (CASJ_04). Logged in collector, advised crew to avoid. 0900: met with Keith Hala to discuss path of tire wash irrigation. 1000: resumed monitoring fusion and irrigation setup. Both crews now in open field south of DG-5. 1130: mapped the extent of an erosion event on the west side gravel road into the basin at the request of Carley Lancaster. 1200: resumed monitoring irrigation setup. Cleared crew to use fusion machine and generator. 1230: walked crew through areas which could be irrigated in a new part of DG-4A. Performed a nesting bird survey. 1300: scouted for locations to harvest stakes from. Made it to the JPL bridge, found 3 large groves of Arroyo willow; area behind bridge was also about 50% Arroyo willows; this may provide enough stakes. Found first juvenile rattlesnake and first Alligator lizard of season.

Photo 1



photo_1-pipe_fusion_facingNW.jpg

Photo 2



photo_2-pipe_fusion_facingNW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

75

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

10

Additional Comments

Found an acorn woodpecker with avian keratin disorder near the tire wash. Beak was 3 times the normal length. This has not yet been observed at this site to my knowledge.

Signature

A handwritten signature in black ink, appearing to read "N. K. W. A. K. S. H.", is centered within a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220315-152028.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 16, 2022, 5:30:17 PM

Date of Log

Mar 16, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

51

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL RNDU CAGO CACG CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO
BEWR BUSH OATI NUWO**

Reptiles: Western fence lizard, side-blotch lizard, aligator lizard

Mammals: California ground squirrel

Amphibians: Western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0640: Crew works on DG-2.

0900: Crew takes a break.

0915: Crew returns to work on DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work on DG-02.

1300: Crew uses hand tools to conditionally work within with 100 ft buffer of ANHU-06 nest. Work does not come within 25 ft of nest. Biologist monitors the behavior of the female. She does not appear disturbed by the work within the buffer.

1500: Crew stops work for the day.

Photo 1



Crew_weeding_DG-02_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

77

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "John W. Dwyer". The signature is written in a cursive style with a large initial "J" and "W". The text is contained within a thin black rectangular border.

signature-20220316-204659.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 16, 2022, 6:23:35 PM

Date of Log

Mar 16, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 installing irrigation, clearing vegetation, and fusing pipe in DG-4A and DG-4

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, WCSP, SOSP, BEWR, SPTO, COYE, RTHA, KILL, CANG, AMCR, CORA, AMCO, RNDU, MALL, LEGO, CASJ, OATI, YRWA, ANHU, ALHU, NRWS, RCPA, ACWO, HOFI, CAKI, NOMO, OCWA, CANW, HETH, WEWP, PSFL, unknown toad egg mass, California tree frog, western grey squirrel.

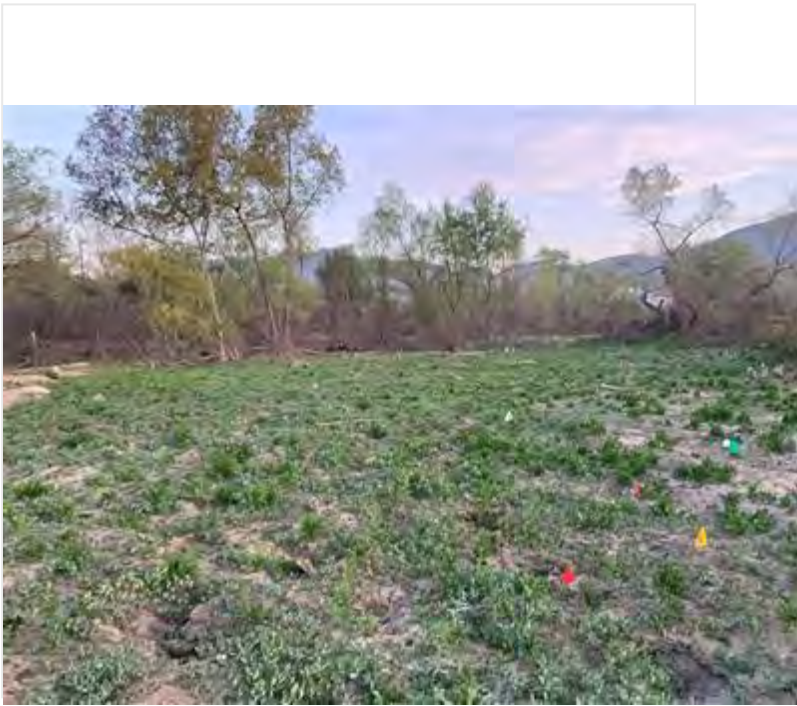
Did You observe any Non-Compliance Issues?

No

Log Entry

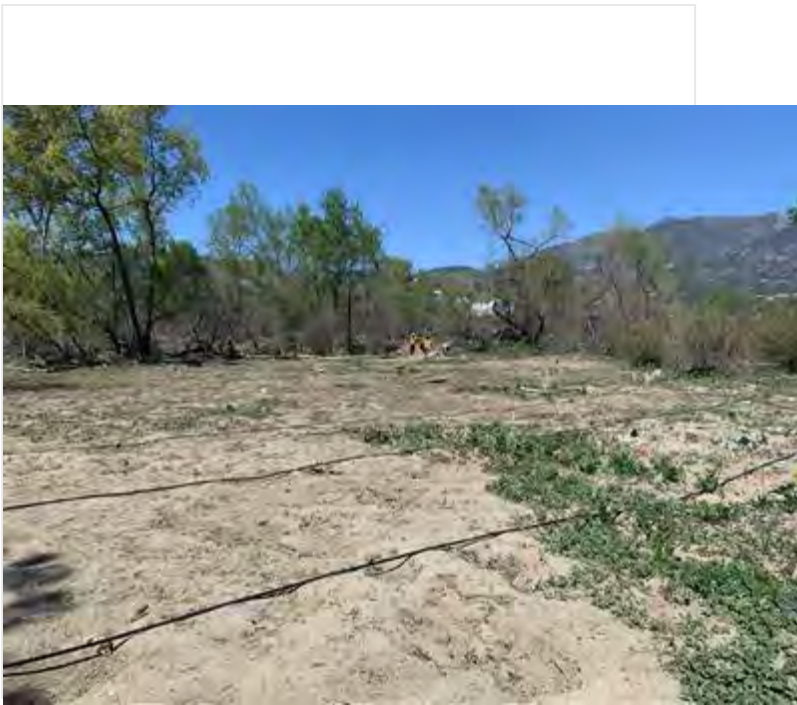
0630: performed a nesting bird survey in DG-4A and DG-4. 0650: cleared crew to work in DG-4A and DG-4 south of the boulder field. 4 crew members were using weed whackers to remove nonnative veg (Chenopodium album, pepperweed and Cardamine hirsuta) that would have obscured the lines they were about to install. 4 crew members fusing 2 inch pipe to attach it to the area being irrigated. 0900: found a bushtit nest in DG-4 under a large cotton wood. Crew was about 50 feet away (the size of the buffer), closely monitored crew working near it and observed no disturbance. Nest was being built, logged in collector as BUSH-08. 1000: crew on weed whackers finished and cleaned up while fusing crew continued. 1100: all 8 crew members began working on installation of 1/2 inch rubber tubing. scouted the last area of the upper arroyo for willow stakes with foreman Daniel Holmes. Found 3 Salix laevigata. 2 were already known, 1 was a new discovery and logged in collector. Found an unknown egg mass (toad, eggs tightly clustered in 2 rows, next to abundant sandbars) and several unknown plants in the lower arroyo at end of day. Will investigate further tomorrow.

Photo 1



photo_1-before_site_prep_DG-4A_facingNW.jpg

Photo 2



photo_2-after_site_prep_DG-4A_facingNW.jpg

Photo 3



photo_3-fusion_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

75

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. F. [unclear]". The signature is contained within a rectangular box.

signature-20220316-182201.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 17, 2022, 9:40:56 AM

Date of Log

Mar 16, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 7 pulling weeds on W side of reservoir.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BEWR, SOSR, SPTO, CALT, CASJ, RCPA, AMCR, CATH, BUSH, CANG, CAQU, SAPH, WCSP, des cottontail, EUCD, COYE, PUF, YRWA, HOFI, LEGO, RTHA, CAKI, RCKI, HOOR, OATI, WEBL, w fence liz, sb liz, Ca gr squirrel, ALHU, ANHU, LAGO, woodrat middens

Did You observe any Non-Compliance Issues?

No

Log Entry

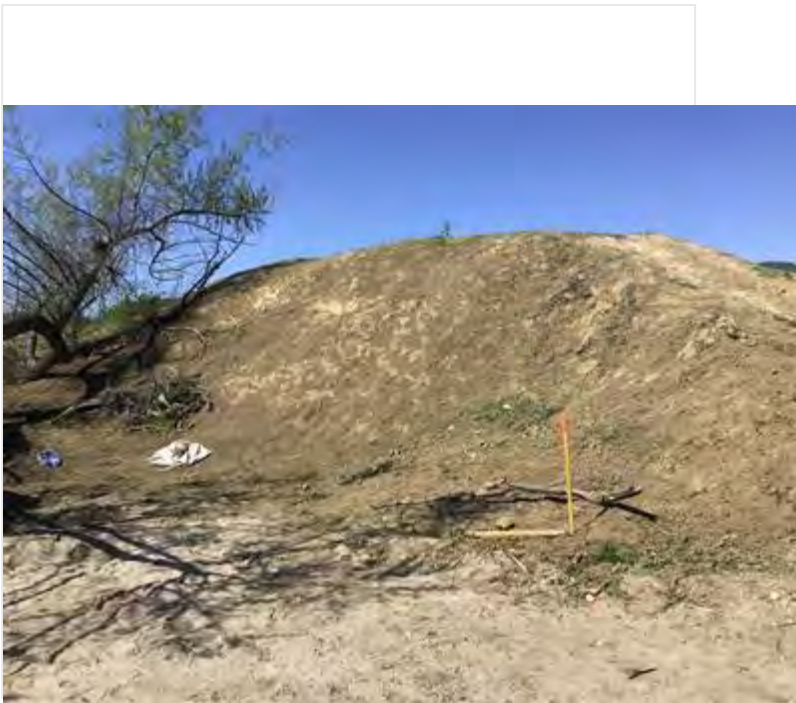
0630 crew heads to DG-4 along bank at N end of reservoir. A steep manmade bank with foot-tall Conium, Hirschfeldia, Lepidium (34.193144°N 118.172299°W). I'm setting up flags to mark buffer of nearby CASJ nest discovered late yesterday. 1050 new CASJ nest in large dense elderberry 200 ft N of other nest described above. After lunch crew is moving NW and I establish 50 buffer for this new nest. The new weeding area (34.193337°N 118.172723°W) is similar manmade earth fill and is mostly mustards (Hirschfeldia, Raphanus, Sisymbrium) and Conium. Beyond elderberries and planted natives, herbaceous layer has native Phacelia ramossissima, P. parryi, P. campanularia, Monolopia lanceolata, Plagiobothrys canescens/collinus, and Cal poppy, mixed among nonnatives listed above plus Erodium cic., Bromus madritensis, Hordeum murinum, Festuca myuros, etc. 1130-1430 crew stays in new area and is also tarping from this morning's other site.

Photo 1



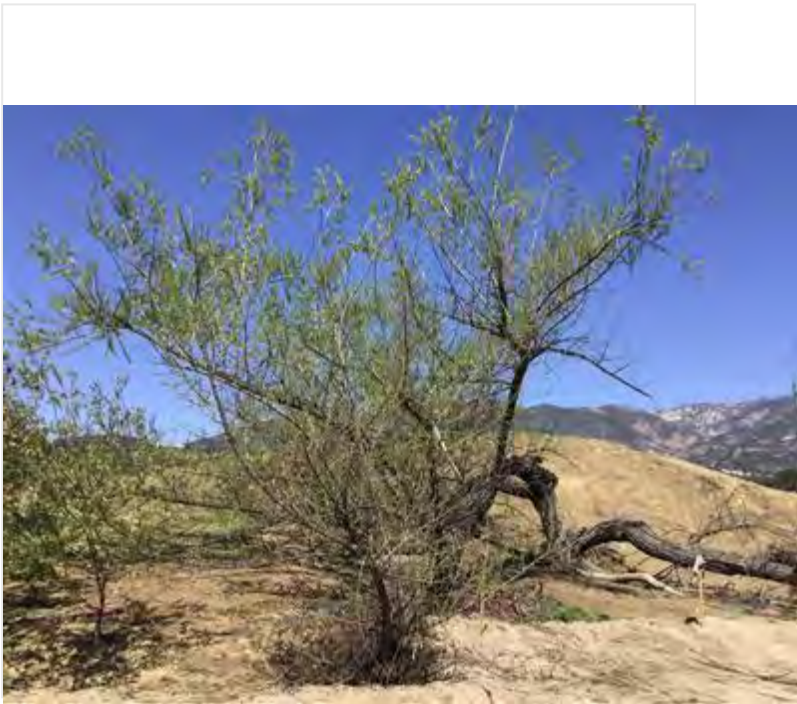
photo_1_hand-pulling_DG-4_facingN.jpg

Photo 2



photo_2_hand-pulling_cleanup_DG-4_facingN.jpg

Photo 3



photo_3_after_hand-pulling_DG-4_facingNE.jpg

Photo 4



photo_4_after_hand-pulling_DG-4A_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

80

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A. M.', is centered within a white rectangular box. The signature is fluid and cursive, with a long horizontal stroke at the end.

signature-20220317-163958.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 19, 2022, 1:34:43 PM

Date of Log

Mar 17, 2022

Monitor/Biologist

Lela Updegrave

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: LCPA AMCO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI NUWO

Reptiles: Western fence lizard, side-blotch lizard, aligator lizard

Mammals: California ground squirrel, fox squirrel, skunk

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew finds a badly injured skunk on the trail. The skunk appears to have been mauled, possibly by unleashed dogs, and can hardly move. Biologist calls the Pasadena Humane Society. Biologist remains by the skunk to alert passerbys on the trail and watch for unleashed dogs. Meanwhile, the crew works on DG-2 targeting poison hemlock, Erodium, grasses, pepper weed, mustard and bittercress.

0900: Crew takes a break.

0915: Crew returns to work on DG-2.

1100: Crew works on Johnson field.

1145: Injured skunk manages to drag herself into the bushes by the side of the road where she cannot be seen.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field. Biologist checks on skunk but she cannot be found. Biologist joins the crew in Johnson field to monitor.

1500: Crew stops work for the day.

Photo 1



Skunk_Injured_on_trail_facingN.JPG

Photo 2



Injured_skunk_in_bushes_facingE.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

25

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "John Hefner".

signature-20220317-204448.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 17, 2022, 7:28:42 PM

Date of Log

Mar 17, 2022

Monitor/Biologist

Michael Walsh

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 4 in DG-4A setting up irrigation

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, SOSP, WCSP, BEWR, OCWA, COYE, NOMO, CAQU, CATH, SPTO, CALT, ANHU, ALHU, HOFI, RNDU, MALL, PSFL, CORA, OATI, western toad (egg mass), desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0645: walked crew through areas that could be irrigated, dropped flags. 0730: went to upper arroyo near JPL to identify a patch of willows and an unknown toad egg mass discovered yesterday (it was the western toad). Found more arroyo willows and 1 new red willow. Found a CASJ nest west of the creek, well away from potential collection areas. 0930: went to east side to do the photo points task. 1000: photographed the erosion on the north side of the basin. 1030: returned to west side. Finished photo points and photographed progress. Crew continued working.

Photo 1



photo_1-irrigation_progress_facingN.jpg

Photo 2



photo_2-irrigation_progress_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

11:30

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. W. A. A.", enclosed within a thin black rectangular border. The signature is stylized and somewhat illegible due to overlapping strokes.

signature-20220317-192647.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 18, 2022, 7:46:42 PM

Date of Log

Mar 17, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 7 hand-pulling weeds on west side of project area. Oscar Ortiz foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BEWR, SOSP, COYE, CALT, SPTO, RTHA, TUVU, CORA, AMCR, RCPA, ANHU, ALHU, CATH, LAGO, BUSH, HOFI, PUFI, WCSP, YRWA, LEGO, CAKI, des cottontail, sb liz, w fence liz.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew is continuing to pull weeds in the DG-4A area described yesterday (34.193359°N 118.172846°W). A SOSP is singing and foraging where the conium mixes with natives (Phacelia, planted shrubs, grasses), he appears to be alone. Workers have a good handle on avoiding the natives; I spend most of the day nest-searching. Old bushtit nest in small coast live oak (34.193512°N 118.172870°W); a pair of bushtits regularly makes the rounds near work area, but no nest material seen and no new bushtit nests found. 1300 new CATH nest found in pepper tree, entered into Field Maps. I did not flag out the buffer but I showed Oscar the nest.

Photo 1



photo_1-hand-pulling_DG-4A_facingSW.jpg

Photo 2



photo_2_after_hand-pulling_DG-4A_facingSW.jpg

Photo 3



photo_3_before_hand-pulling_DG-4A_facingE.jpg

Photo 4



photo_4_hand-pulling_in_progress_DG-4A_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S. A.', is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220319-024536.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 18, 2022, 5:06:24 PM

Date of Log

Mar 18, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

Natures image crew of 6 weeding in DG-4A near the Griffith dirt pile

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, ACWO, SPTO, SOSP, COYE, CASJ, RCPA, WCSP, NOMO, LEGO, LAGO, CAQU, NOFL, BEWR, CATH, NRWS, NUWO, OATI, YRWA, American badger burrow, HOFI, desert cottontail, western fence lizard, CAKI, common buckeye, cabbage white, COHA (pair flying), funereal dusky-wing, RTHA (prey in beak)

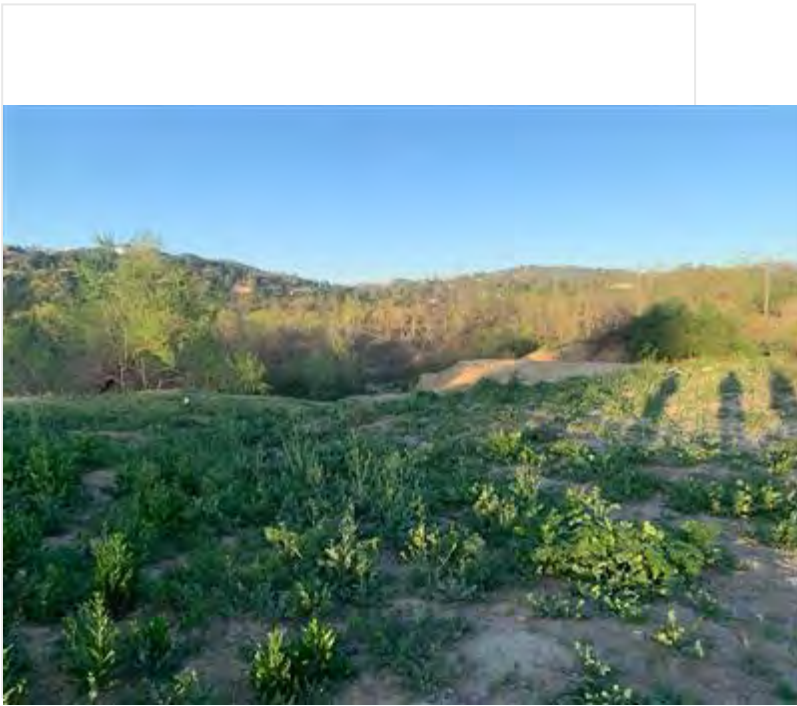
Did You observe any Non-Compliance Issues?

No

Log Entry

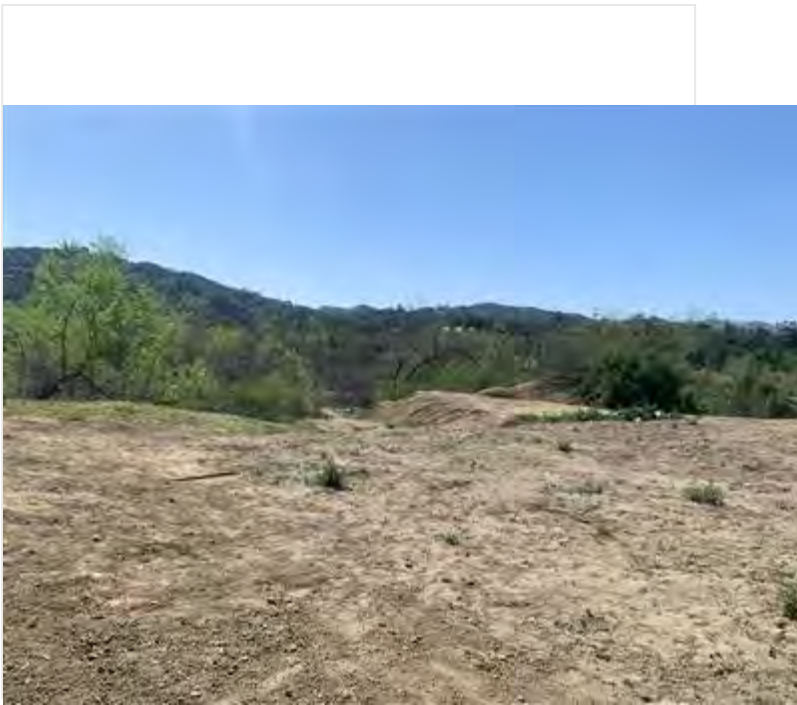
0630: biologist arrived at site. Discussed plan for the day with Mike Walsh. 0715: drove/ walked to site. Mike Walsh pointed out 3 flagged nests in the vicinity. Monitored hand-weeding at site and surrounding areas. Natives in area: Phacelia Spp., Eucrypta sp. nonnative targets included Sisymbrium, Cardamine hirsuta, Brassica nigra, pepperweed, poison hemlock, Erodium cicutarium, Chenopodium album. Pointed out natives to crew. 1045: lunch break. 1115: performed a nesting bird survey in surrounding areas. 1200: crew begins weeding north slope, while bundling morning area's weeds. No new nests found. Crew continues with weeding of morning area. CATH singing from willow trees about 125 feet SE of Schinus nest tree. 2 CASJ lingering in this location too. Saw CATH and CASJ flying north out of their respective nest trees. 1415: end of weeding for the day

Photo 1



photo_1-pre_weeding_DG4A_facingS.jpg

Photo 2



photo_2-post_weeding_DG4A_facingS.jpg

Photo 3



photo_3-pre_weeding_DG4A_facingNE.jpg

Photo 4



photo_4-post_weeding_DG4A_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

82

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

This report had to be transcribed from paper by Mike Walsh at EOD; the tablet was not useable.

Signature

A handwritten signature in black ink, appearing to be 'MW', is centered within a rectangular box. The signature is stylized and somewhat abstract.

signature-20220318-170311.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 21, 2022, 1:08:49 PM

Date of Log

Mar 18, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU
ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO SPOTO
ROPI**

Reptiles: Western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew starts weeding in DG-1. Main target species include erodium, mustard, poison hemlock, and non-native grasses.

1200: Crew breaks for lunch.

1230: Crew returns to work in Johnson Field.

1445: Crew stops work for the day.

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:50

Ending Temperature (°F)

76

Ending Wind Range (MPH)

4-6

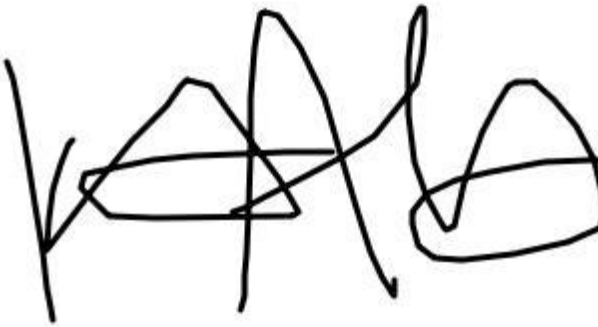
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right. The signature is contained within a rectangular box.

signature-20220321-200838.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 18, 2022, 4:25:59 PM

Date of Log

Mar 18, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

70

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 3 fusing pipe and setting up irrigation in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SPTO, BEWR, CALT, CATH, CASJ, YRWA, COYE, RNDU, BUSH, WCSP, SOSP, NOFL, RCPA, AMCR, MODO, BGGN, DEJU, OATI, desert cottontail, RTHA, RCKI, California ground squirrel, western fence lizard, common side blotched lizard.

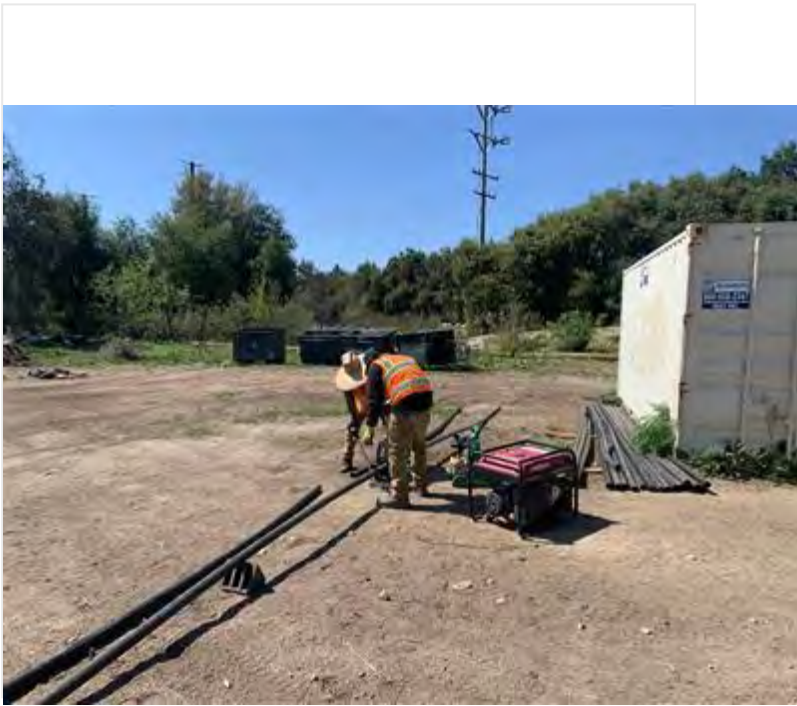
Did You observe any Non-Compliance Issues?

No

Log Entry

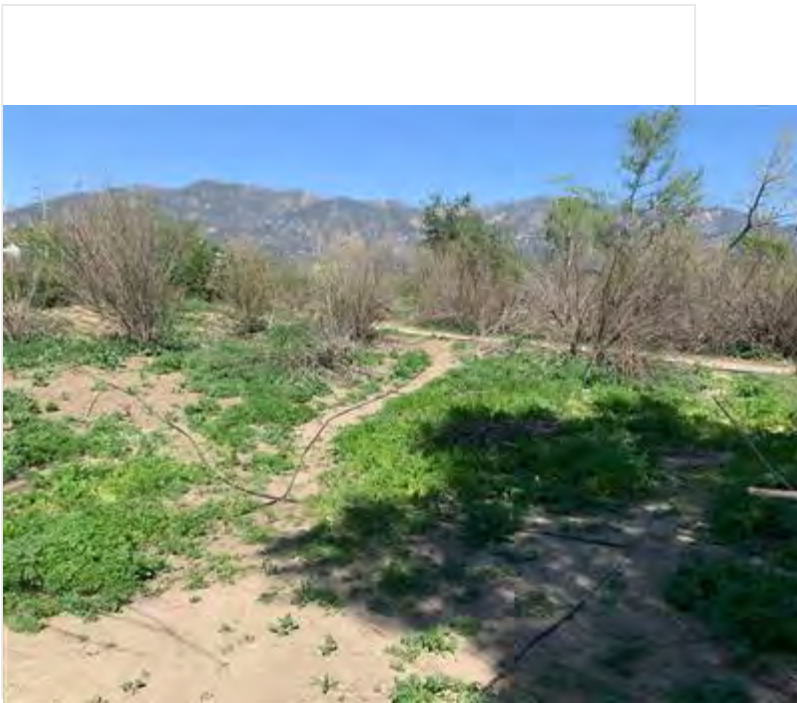
0630: arrived on site, discussed plan for the day with Foremen and Monitors. Showed David some of the nests in his area. 0700: performed a nesting bird survey in DG-4A where crew was planning to lay irrigation next to sheetflow area. 0720: cleared crew to work. Showed foreman Daniel Holmes the footprint of the area to be irrigated, flagged borders. 0740: monitored installation of irrigation, surveyed surrounding areas for nesting birds. 0900: found a scrub jay nest in DG-4 south of the horse trail. Crew was not working here but they were advised to avoid. Found a large beehive in a planted area next to the nest. Both were put on Collector and flagged off. 1200: crew worked on pipe fusion in staging area adjacent to DG-4B. 1500: crew wrapped up for the day.

Photo 1



photo_1-fusion_facingW.jpg

Photo 2



photo_2-irrigation_progress_DG-4A.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:10

Ending Temperature (°F)

77

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'W. W. W. W.', is written across a white rectangular box. The signature is stylized and somewhat illegible.

signature-20220318-162449.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 21, 2022, 6:23:58 PM

Date of Log

Mar 21, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A and DG-4

Hand tools, tarps, rakes

Seven crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, COHA, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, PSFL, BGGN, CATH, WEBL, rattlesnake, whiptail, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

700: Bio conducted precon in new work zone-DG-4A and DG-4, in the north side of the project. Bio pointed out nest buffers (CATH_02 and CASC_06) to crews to avoid. Crew removed by hand and with hand tools hemlock, mustards, and perennial pepper weed. Some mustards and hemlock were in flowering stage.

800: Bio relocated young rattlesnake from work area to a safe vegetated location 200ft south of crew.

1100: after lunch crew continued in same locations, progressing northbound. Bio reviewed non-native plants with new crew member after noticing some confusion with identification.

1430-1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



Non-nat_removal_facingN.jpg

Photo 2



Non-nat_removal_during_facingN.jpg

Photo 3



Non-Native_removal_after_facingN.jpg

Photo 4



Non-native_tarped_after_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, enclosed in a thin black rectangular border. The signature is cursive and appears to be 'A. B. C.' with a long horizontal line extending to the right.

signature-20220322-010933.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 21, 2022, 7:49:38 PM

Date of Log

Mar 21, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

20

Construction Activity and Personnel

NI crew Genero, Edwardo laying irrigation line and hand pulling weeds. fused large irrigation pipes, generator running. Daniel supervisor.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO,NUWO,NOFL,HOWR,SPTO, CALT, ANHU, CSJA,CAQU,RCPA pair inspecting nest cavity in work area,CORA,SOSP,AMRO,BEWR, WCSP, NUWO, LEGO,OATI,CATH,MODO,RCKI,OCWA,HOFI, WEBL,COYE, RTHA with prey material in beak, soars around the staging area and flies NE out of site. COHA, CAKI, first of season COYE and PSFL (for me).

Did You observe any Non-Compliance Issues?

No

Log Entry

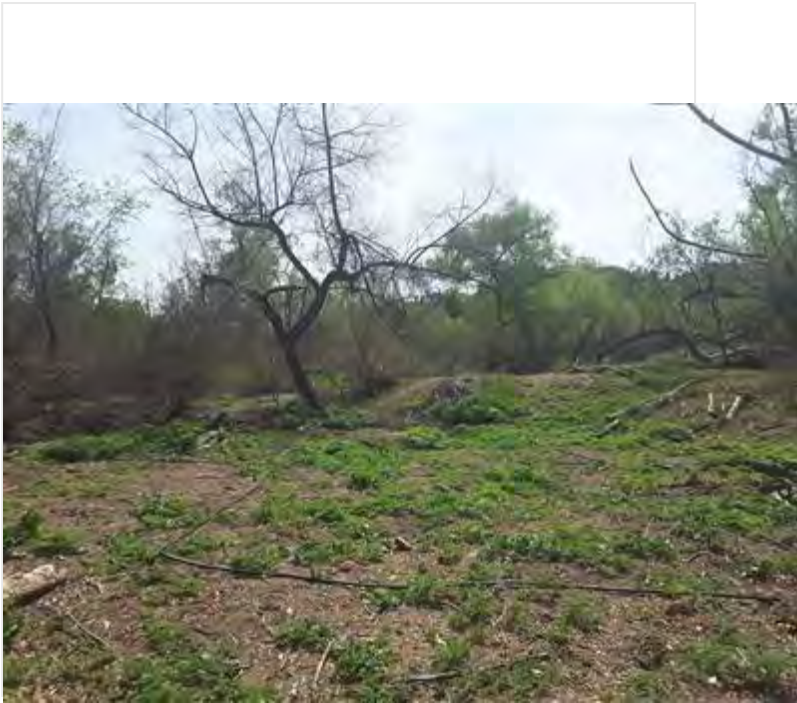
0630 walk to site, sweep for nests/plants, crew (2) start laying irrigation line. 730 move west and clear area of weeds, before laying line here. Lots of poison hemlock and pepperweed. Also native primrose so the crew handpulls. Continue hand pulling till lunch. 1300 crew lays more line in the southern end of area. 1330, set up generator and fuse irrigation line till end of day. There was a fire SE of the reservoir today, a big plume that was extinguished pretty quickly. Lizards everywhere, western fence and side-blotched.

Photo 1



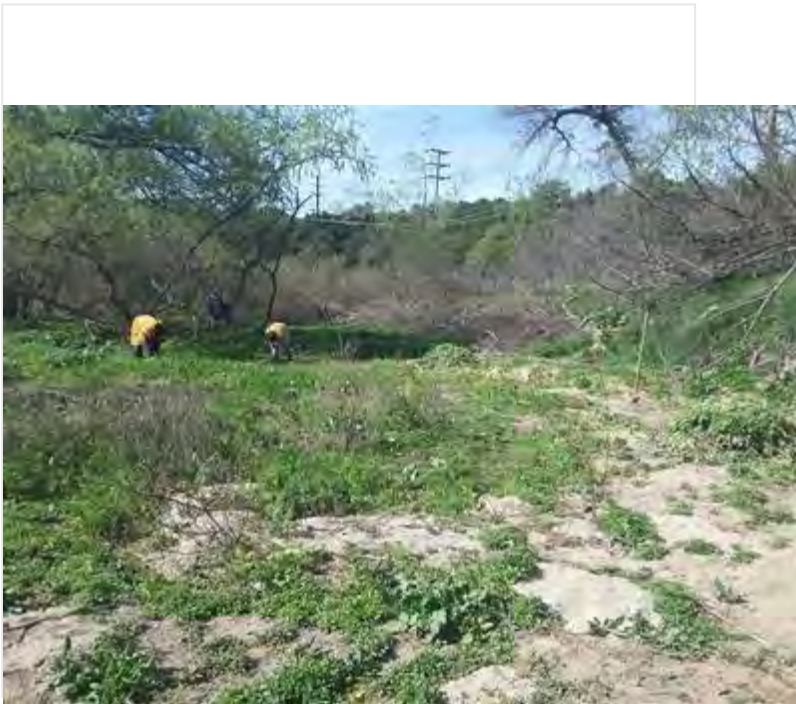
Irrigation_install_DG4_facing_W.jpg

Photo 2



Irrigation_partial_install_DG4_facing_S.jpg

Photo 4



Hand_weeding southern_end of irrigation DG4.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

I found a new bushtit nest south of the planting area. COHA in the same area north of the footbridge, visual and vocalizing.

Signature

A handwritten signature in black ink, appearing to read "R. A. ...", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220322-024511.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 22, 2022, 10:48:31 AM

Date of Log

Mar 21, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO CAQU CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR BUSH OATI
NUWO WEBL**

Reptiles: Western fence lizard, side-blotch lizard,

Mammals: California ground squirrel, mouse

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Biologist finds carcass of skunk that was injured the previous week. Crew begins work in Johnson Field targeting poison hemlock, Erodium, grasses, pepper weed, mustard and bittercress.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

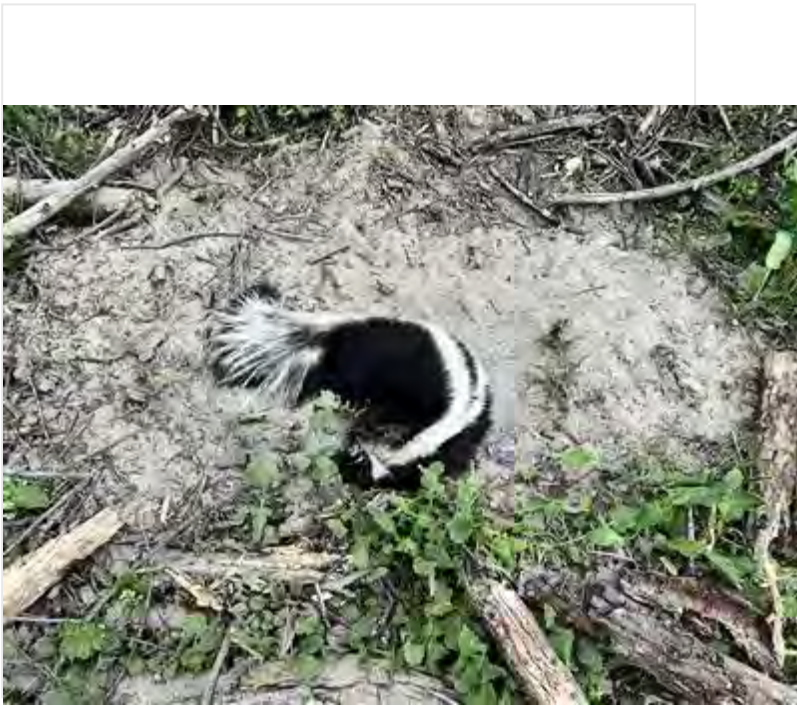
1035: Biologist finds a western bluebird nest in the northern portion of DG-1. Male and female are seen bringing nesting material into the nest cavity.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1500: Crew stops work for the day.

Photo 1



Skunk_carcass_EofDG-2.JPG

Photo 2



WEBLnest_tree_DG-1_facingN.JPG

Photo 3



WEBLnest_DG-1.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L".

signature-20220321-212230.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 22, 2022, 3:05:13 PM

Date of Log

Mar 22, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

60

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4A and DG-4

Hand tools, tarps, rakes

Eight crew members includes: Nature's Image main crew, temp crew, and supervisor Daniel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, COHA, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, PSFL, BGGN, CATH, WEBL, CANG, WREN, SAPH, WEKI, sideblotch lizard, western fence lizard, coyote, whiptail, cottontail, deer tracks

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

700: Bio conducted precon in new work zone-DG-4A and DG-4, in the north side of the project. Bio pointed out nest buffers and updated both nests in Field Maps (CATH_02 and CASC_06). Crew removed by hand and with hand tools hemlock, mustards, and perennial pepper weed. Some mustards and hemlock were in flowering stage. Majority was hemlock.

1100: after lunch crew continued in same locations, progressing northbound.

1430-1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



Non-native_before_facingE.jpg

Photo 2



Non-native_during_facingE.jpg

Photo 3



Non-nat_removal_after_facingS.jpg

Photo 4



Non-native_clear_during_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

85

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'A' followed by a series of connected, fluid strokes that trail off to the right. The signature is contained within a thin black rectangular border.

signature-20220322-205724.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 22, 2022, 2:27:22 PM

Date of Log

Mar 22, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

NI Crew, Ed, Genero and Nick on irrigation duty, 2nd crew weeding with Amy monitoring. Daniel supervisor.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**BUSH, CALT, HOFI, OCWA, SPTO,CATH, SOSP, BEWR, PSFL,MOD0, RCPA,CAQU,
BUSH,WCSF,YRWA,SPTO,NUWO, LEGO collecting nest material from mulefat, ANHU, NOMO, BGGN, CAKI,
RTHA pair soar, RSHA, NOFL,CATH, CANG, MALL, BUFF, RNDU, AMCO in reservoir**

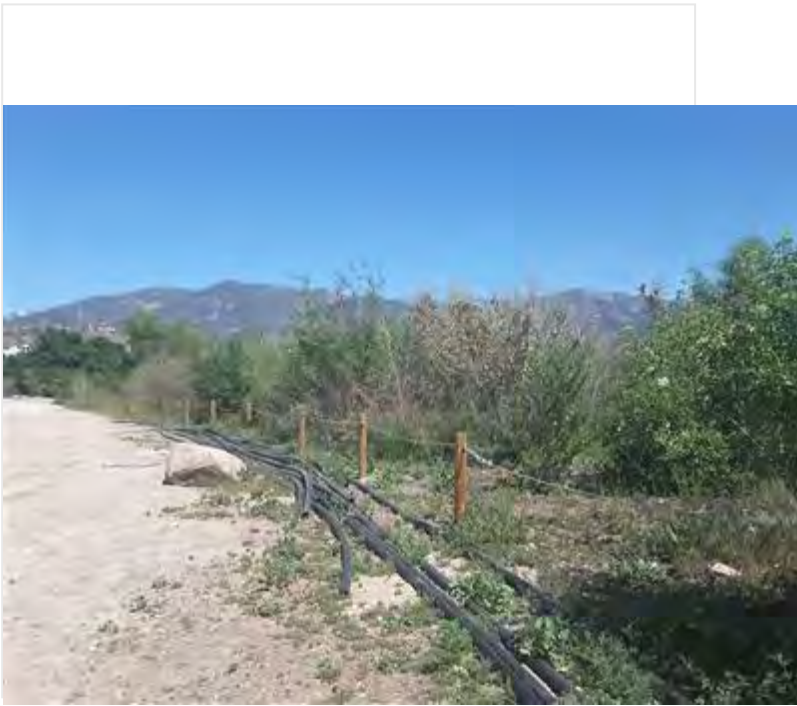
Did You observe any Non-Compliance Issues?

No

Log Entry

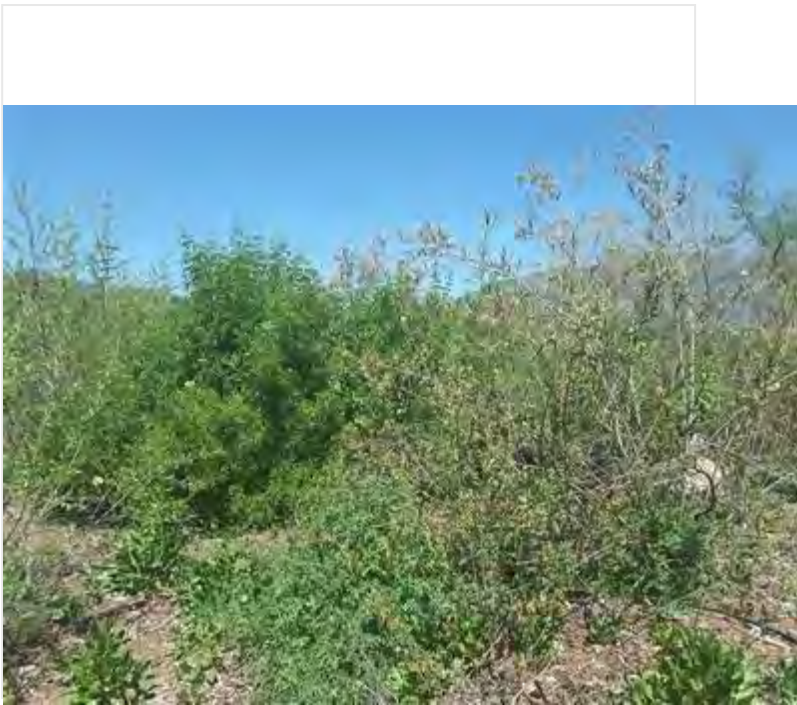
700 with crew of 3 to check irrigation system. Meet with Amy at north end and then walk site, check on nesting status of some existing nests. 900, meet up with crew to monitor along irrigation lines on north end. 1200 we go south to check irrigation lines in the south end. Due to density of the shrubs and veg, and the high bird activity, I monitor with them. 1300, I monitor bird activity for generator noise disturbance in the staging area by the perimeter fence where crew fuses irrigation pipe. See pics showing good nesting habitat and growth here. No disturbance detected, no nests found near. probably not much nesting activity due the constant use by walkers, workers, etc. Someone with bagpipes walked by today!

Photo 1



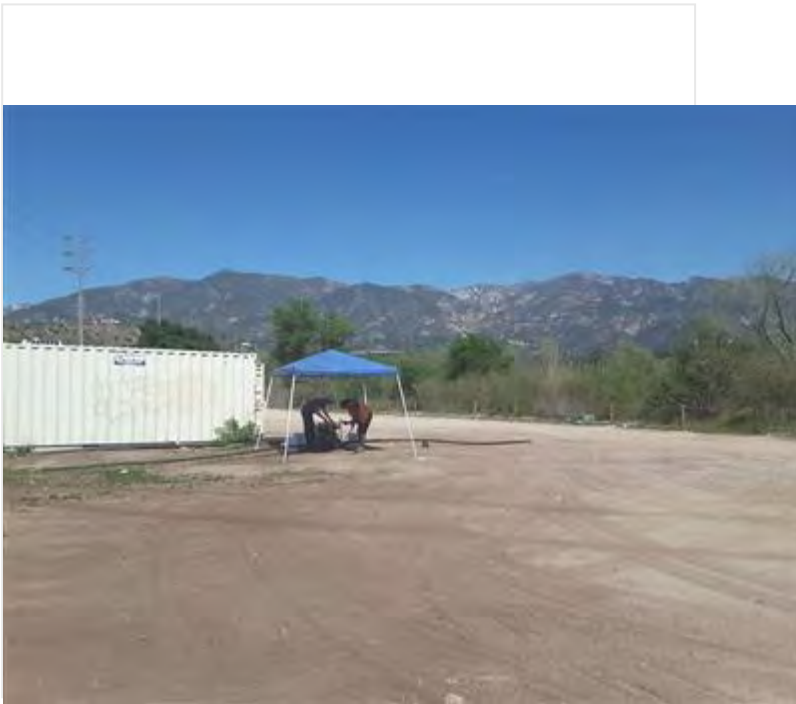
Dense_veg_growth_along_perimeter_piling_tubing_lookingN.j...

Photo 2



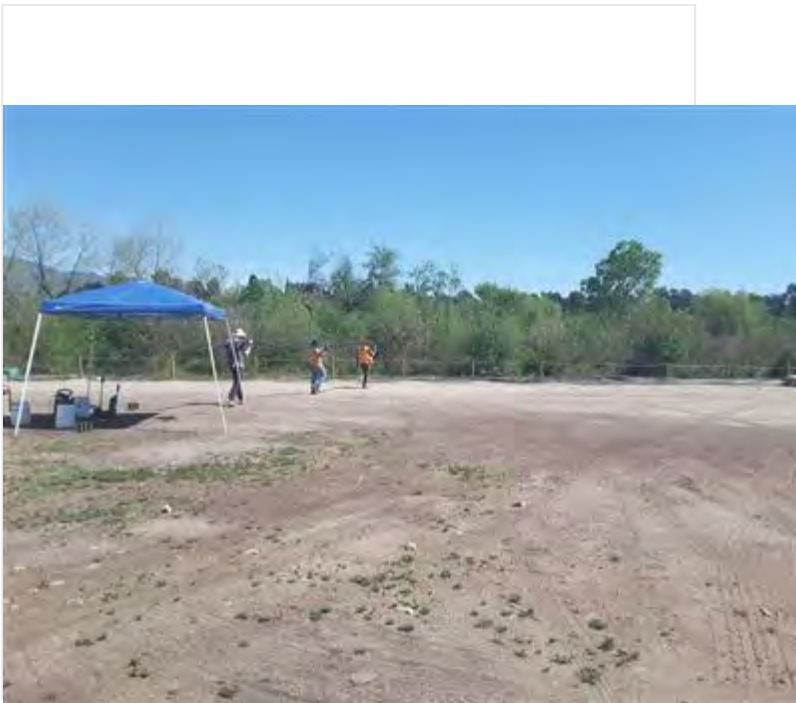
Healthy_growth_east_of_perimeter_lookingN_blooming_elder...

Photo 3



Setup_generator_for_pipe_fusion_in_staging_area_along_per...

Photo 4



crew_fuses_moves_irrigation_tube.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

81

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

5

Additional Comments

Pair of red-tails soar over north restoration. I doubt they are nestling in restoration, but they definitely use it for hunting and courtship.

Signature

A handwritten signature in black ink, appearing to read "D. Davis", is centered within a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220322-205905.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 22, 2022, 6:21:25 PM

Date of Log

Mar 22, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL LEGO RNDU AMWI CAQU CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU
ACWO BEWR BUSH OATI NUWO WEBL HOWR**

Reptiles: Western fence lizard, side-blotch lizard, aligator lizard, rattlesnake

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field targeting poison hemlock, Erodium, grasses, pepper weed, mustard and bittercress.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

1120: Crew finds baby rattlesnake in Johnson Field. We move to work in a safe area.

1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1500: Crew stops work for the day.

Photo 1



Crew_JohnsonField_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

87

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John Updike", is centered within a white rectangular box. The signature is written in a cursive, flowing style.

signature-20220322-212244.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 24, 2022, 9:36:18 AM

Date of Log

Mar 23, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

60

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, one line trimmer.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL LEGO CAQU CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ANHU ACWO BEWR
BUSH OATI NUWO WEBL HOWR RTHA**

Reptiles: Western fence lizard, side-blotch lizard, aligator lizard, rattlesnake, bull snake

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field targeting poison hemlock, Erodium, grasses, pepper weed, mustard and bittercress.

0900: Crew takes a break.

0915: Crew returns to work on Johnson Field.

0950: Crew finds baby rattlesnake in Johnson Field in the same area a rattlesnake was seen the previous day.

We move to work in a safe area.

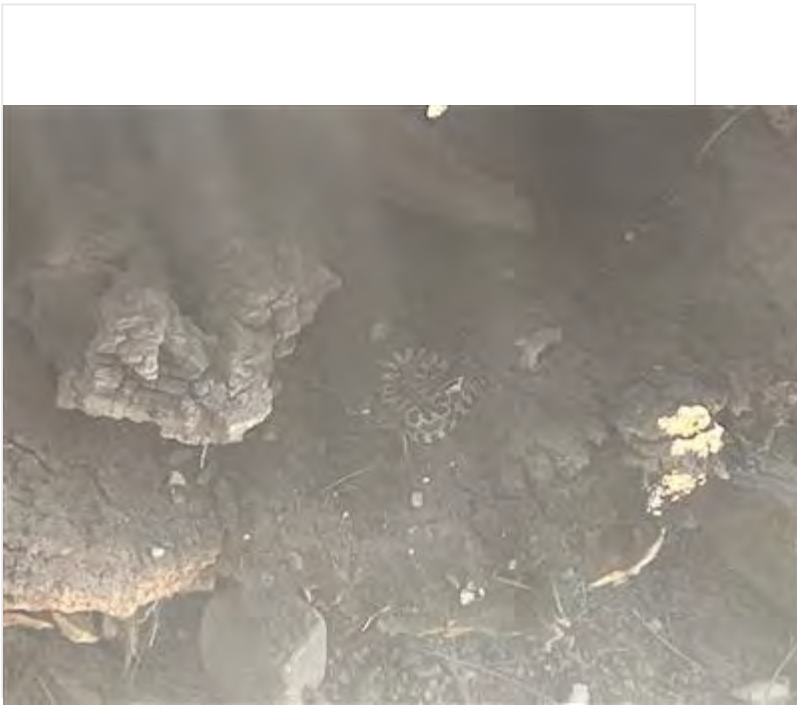
1200: Crew breaks for lunch.

1230: Crew returns to work on Johnson Field.

1310: Crew sees a large bull snake and a smaller baby rattlesnake in Johnson Field.

1500: Crew stops work for the day.

Photo 1



Baby_rattlesnake_johnson_field.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

87

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "John V. Smith", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end.

signature-20220323-204832.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 23, 2022, 2:16:43 PM

Date of Log

Mar 23, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

58

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 4 installing irrigation in DG-4 WOUS and DG-4 WOUS Connections.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SOSP, CALT, BEWR, NOMO, CASJ, SPTO, NOFL, WCSP, CATH, ACWO, ECDO, ANHU, WEKI, ACWO, YRWA, CAQU, BGGN, NUWO, LEGO

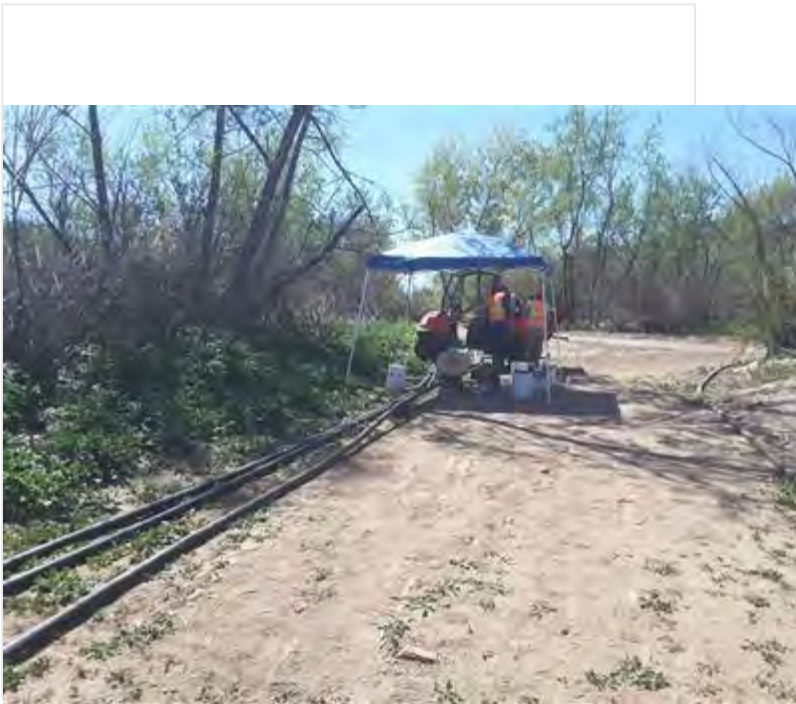
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Arrived on site and met with foreman and crew. 0645 two crewmembers walked to southern end to test irrigation water pressure. 0700 crew packed pipe fushion equipment into Kubota then engine would not shut off. Monitor and crew troubleshot and fixed problem. 0800 walked to DG-4WOUS/Connections where irrigation needs to be connected and surveyed for nests while foreman marked out irrigation path. 0845 crew carried fused irrigation pipes to work area. 0930 spotted while crew drove Kubota loaded with generator and fushion machine to DG-4 WOUS Connections. Stayed nearby they used the generator. Noise does not seem to disturb nearby birds, bird activity continues as before. 1130 After lunch, generator pull cord snapped and crew had to reattach. Monitor surveyed while work was stopped. Work continued until 1400.

Photo 1



FushionSetup_DG4WOUSConnections_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

86

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margot Pluffe", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'M' and 'P'.

signature-20220323-211602.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 24, 2022, 9:18:56 AM

Date of Log

Mar 23, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 5 hand-pulling on west side of project area, Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CATH, LEGO, ACWO, SOSP, COYE, SPTO, CALT, CATH, BEWR, PUF, LEGO, BISH, MODO, EUCD, LISP, CAQU, w fence liz, CAKI, NOFL, NUWO, CORA, RTHA, WEBL

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew begins work in Mining Pit DG-W-2. Most of the area is waist-tall Conium, Hirschfeldia, etc. under medium-sized willows, many of which are dead. Lots of COYE, SOSP activity but as of 1100 no nesting suspected. One apparently mated pair of COYE is foraging throughout area, several copulations observed, plus 1-2 additional male suitors, but no nest material seen and female seems to be staying mobile (i.e. not on eggs). I am scouring understory especially around planted shrubs/trees for nests. More species here = cocklebur, pepperweed, dwarf nettle, Phacelia distans, Heliotropium curassavicum. 0930 new BUSH-11 nest being built nearby. 1200 COYE staying active after lunch, CAQU, SOSP, CALT, SPTO in this area, all potential low shrub/ground nesters. Following COYE throughout early afternoon but no solid indication of nesting.

Photo 1



photo_1-hand-pulling_DG-W-2-MiningPit_facingW.jpg

Photo 2



photo_2-hand-pulling_DG-W-2-MiningPit_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

85

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'SM', is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220324-161835.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 28, 2022, 12:03:29 PM

Date of Log

Mar 24, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

58

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL LEGO CAQU CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ALHU ACWO BEWR
BUSH OATI NUWO WEBL HOWR NOMO**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Half of the crew begins work on the east side of Johnson Field targeting grasses. The other half of the crew works on the west side of Johnson field, DG-2 and the side slopes, targeting poison hemlock, mustard and pepper weed.

0900: Crew takes a break.

0915: Crew returns to work.

1000: Biologist identifies a coastal whiptail in DG-1.

1130: Biologist observes another coastal whiptail in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_DG-2_facingSE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

87

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Observed coastal whiptail. Not included in selection of special-status species.

Signature

A handwritten signature in black ink, appearing to read "John Updegraff", is centered within a white rectangular box. The signature is written in a cursive, slightly slanted style.

signature-20220324-211925.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 24, 2022, 2:13:12 PM

Date of Log

Mar 24, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

Natures Image crew of 4 installing irrigation in DG-4 WOUS and WOUS Connections.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SOSP, COYE, BEWR, CASJ, SPTO, ANHU, CATH, CALT, CANG, CAQU, RTHA, BGGN

Did You observe any Non-Compliance Issues?

No

Log Entry

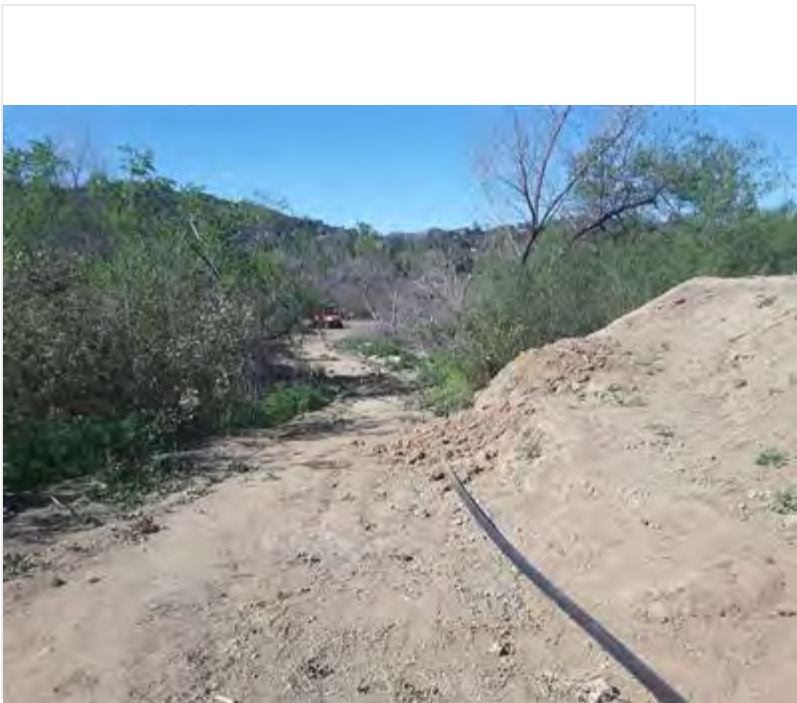
0630 arrived on site and met with foreman and crew. 0645 Walked ahead of Kubota as crew drove fushion equipment to DG-4 WOUS, same area as yesterday. 0715 while crew fused, Monitor walked the Griffith dirt pile and identified and area where the slope was steep and could be cut back to improve safety. NI foreman used a pick. 0800-0915 Monitor and Foreman met with Pasadena Parks and PSOMAS to discuss irrigation at Tire Wash. Agreed that best route is along the toe of the slope, just above the concrete. 0945 met with biologist from Arroyos and Foothills Conservancy who was moving the camera trap location in the Mining Pit. 1000 Foreman finished cutting back slope in DG-4 WOUS. Crew continued with irrigation until 1400 when they packed up.

Photo 1



PipeFushion_facingS_BeforeSlopeSculpt.jpg

Photo 2



CutSlope_after.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

86

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margaret P. Miller", is centered within a white rectangular box. The signature is written in a cursive style.

signature-20220324-211248.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 24, 2022, 2:31:19 PM

Date of Log

Mar 24, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 7 hand-pulling on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SOSP, COYE, CALT, SPTO, OATI, PUF1, w fence liz, ACWO, MODO, monarch butterfly plus other unidentified butterflies, CAQU, ANHU, NOMO, BHCO, CORA, BEWR, RTHA, LEGO, RCKI.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew continues working in same area as yesterday, DG-2-Mining Pit. Waist-tall hemlock, dwarf nettle, Hirschfeldia, Sonchus asper, Melilotus, etc within planted and seeded area. COYE, SOSP very active like yesterday. 0730 new SPTO nest being built about 30 feet in from work, so I had the crew back up a bit to the 50-ft mark and continue outside of the buffer. Continued observation throughout the day. Have not seen the COYE female that was copulating w a male yesterday, but 2 to 3 males again popping around. 1300 pair of BEWR near the bottom of culvert gully (marked on map 34.193511°N 118.174304°W; Photo 3) seem stressed at workers and at CASJ. Then one BEWR came back w some fluff and seemed agitated so I moved the crew further east, but I didn't see BEWR return after 30 minutes. 2 SOSP also seen in this mule fat strip along slope. Then I saw them copulating to the north of the work area. A lot of COYE and SOSP activity in the weeds and natives under willows north of us (34.193576°N 118.174084°W) but none with nest material, and I did a fairly thorough manual search for any nests earlier in the day. First coastal whiptail of the season seen in gully mentioned above.

Photo 1



photo_1-hand-pulling_DG-W-2-MiningPit_facingNE.jpg

Photo 2



photo_2-after_hand_pulling_DG-W-2-MiningPit_facingW.jpg

Photo 3



photo_3_very_active_weed_and_planted_area_w_birds_Mini...

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

86

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several stylized, connected strokes. The signature is positioned in the lower-left quadrant of a white rectangular box.

signature-20220324-212930.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 25, 2022, 2:24:04 PM

Date of Log

Mar 25, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

50

Construction Activity and Personnel

Natures Image crew weeding in DW-2 (mining pit)

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAGO, RCPA, CAQU, COYE, ACWO, WCSP, CATO, SOSP, BEWR, NOFL, YRWA, NUWO, CASJ, MODO, SPTO, NOMO, OATI, CORA, PUF1, Cabbage White, Harford's Sulphur, Ccmmon Buckeye, Funereal Dusky-wing, Monarch, TRSW, CATH, AMGO, desert cottontail, coast whiptail, western fence lizard, RTHA,

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0650 oriented to site and nests by Margie. 0650- 1330 bio monitored weeding in DG-W-2 and looked for nests. None found. 1330-1415 monitored clean-up. 1415-1420 finished field note entries.

Photo 1



photo_1-20220325-DG-W2-Looking_South.jpg

Photo 2



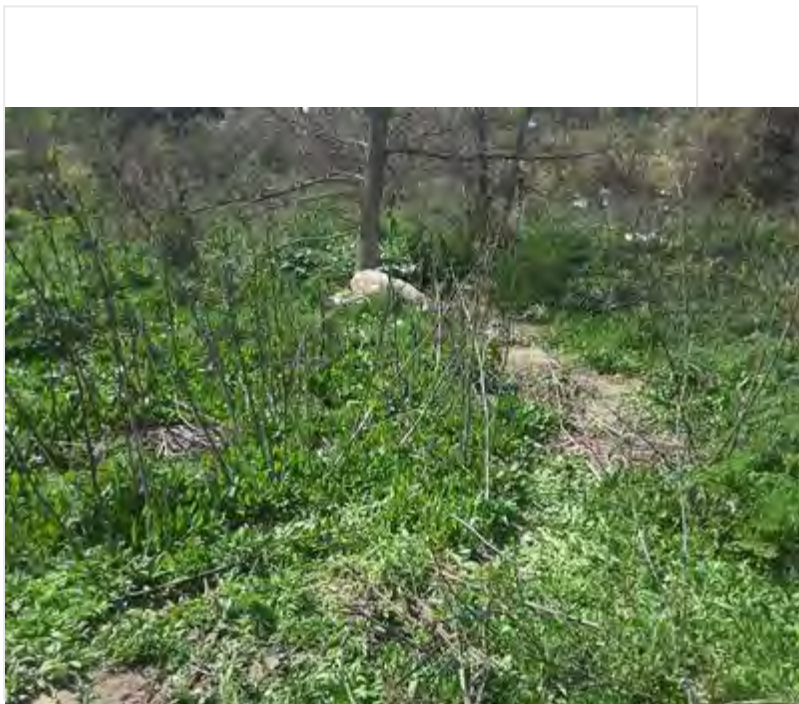
photo_2-20220325_DW-2_looking-south_after.jpg

Photo 3



photo_3-20220325_DW-2_looking-SW_before.jpg

Photo 4



photo_4-20220325_DW-2_looking-SW_after.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:22

Ending Temperature (°F)

90

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

40

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Paul Lopez", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'P' and 'L'.

signature-20220325-212245.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 28, 2022, 1:57:03 PM

Date of Log

Mar 25, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU
ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO SPOTO
ROPI**

Reptiles: Western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew starts weeding in DG-2 and Side Slopes. Main target species include erodium, mustard, poison hemlock, and non-native grasses.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2 and Side Slopes.

1445: Crew stops work for the day.

Photo 1



Invasive_species_removal_Side_Slopes_facingNW.jpg

Photo 2



Invasive_species_removal_DG2_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:50

Ending Temperature (°F)

80

Ending Wind Range (MPH)

0-3

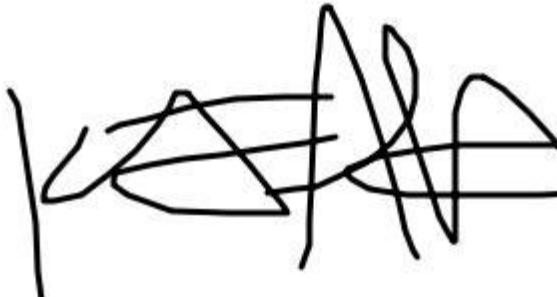
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping loops and horizontal strokes, enclosed within a thin black rectangular border.

signature-20220328-205640.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 28, 2022, 11:31:31 AM

Date of Log

Mar 25, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 4 installing irrigation in DG-4 WOUS and Tire Wash.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, BEWR, CALT, EUCD, ANHU, SOSP, BUSH, CAQU, CATH, CASJ, WCSP, RCKI, NUWO, SPTO, RTHA, DEJU, EUST, NRWS

Did You observe any Non-Compliance Issues?

No

Log Entry

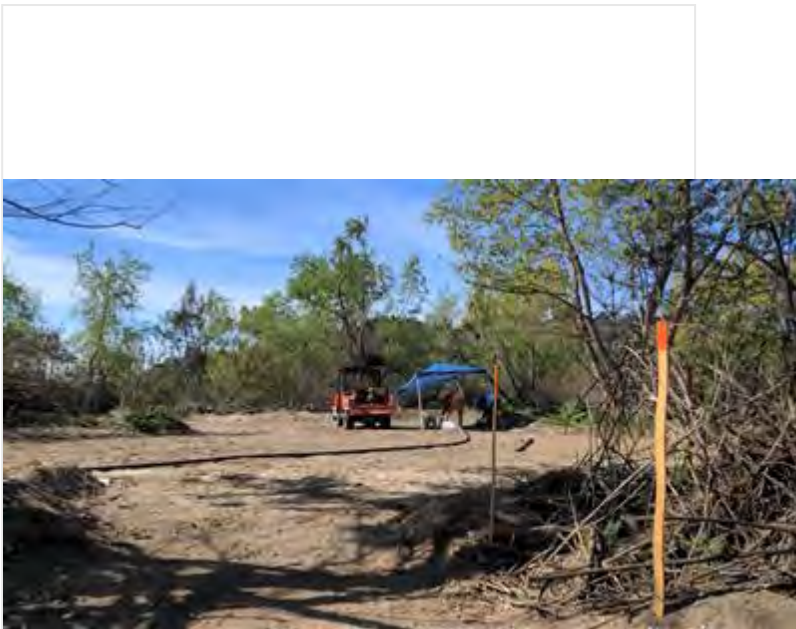
0630 arrived on site and met with crew and other monitor. 0700 irrigation crew drove equipment to same site as previous afternoon to finish a T connection. Any water remaining in the existing pipe must be drained before the new pipe can be fused to it. 0800 finished this fusion and moved equipment to the next connection about 100ft south in DG-4 WOUS. This is just outside the buffer for BUSH-12 so monitor observed the pair, but the activity and noise from the generator did not disturb their nest building. 1000 two crew members started on the final connection on this area, another 50ft south of the previous. The foreman showed the other crew member the work to be done at Tire Wash and went to get irrigation supplies. After lunch the crew moved the equipment to the Tire Wash to fuse the irrigation pipes in that section. Continued there until 1415 then cleaned up equipment.

Photo 1



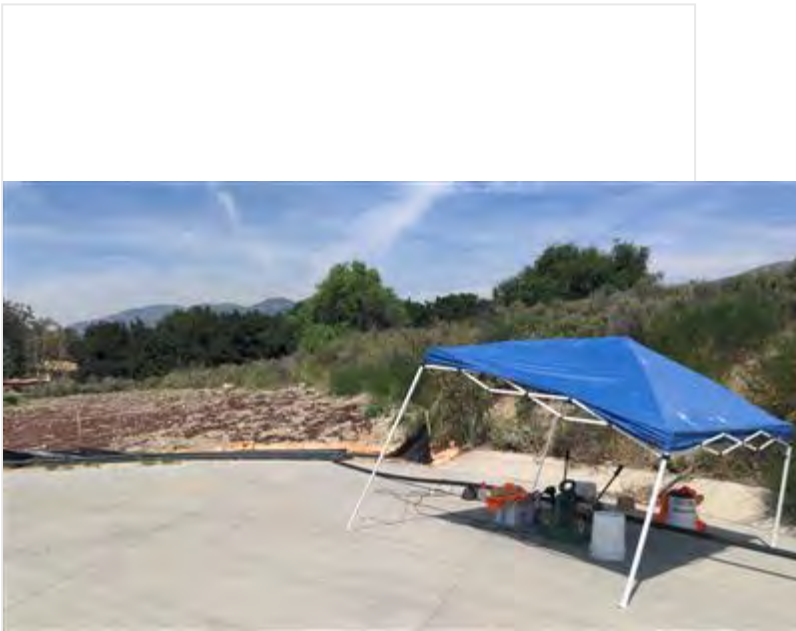
DrainWater_beforeFusing.jpg

Photo 2



ConnectNewAndExistingIrrigation_DG-4WOUS_facingS.jpg

Photo 3



FushionSetup_TireWash_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

85

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

50

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is cursive and appears to read "Mansour".

signature-20220325-223806.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 29, 2022, 4:56:17 PM

Date of Log

Mar 29, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

50

Construction Activity and Personnel

Veg clearing in DG-4A and DG-4

Hand tools, tarps, rakes

Six crew members includes: Nature's Image main crew, temp crew.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, SOSP, BEWR, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, RCKI, LEGO, ANHU, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, BGGN, CATH, WEBL, CANG, WREN, PUFU, NRWS, SSHA/COHA, VGSW, BHGR, COYE, American White Pelican (11; flying high NW direction), western toad, AMGO

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

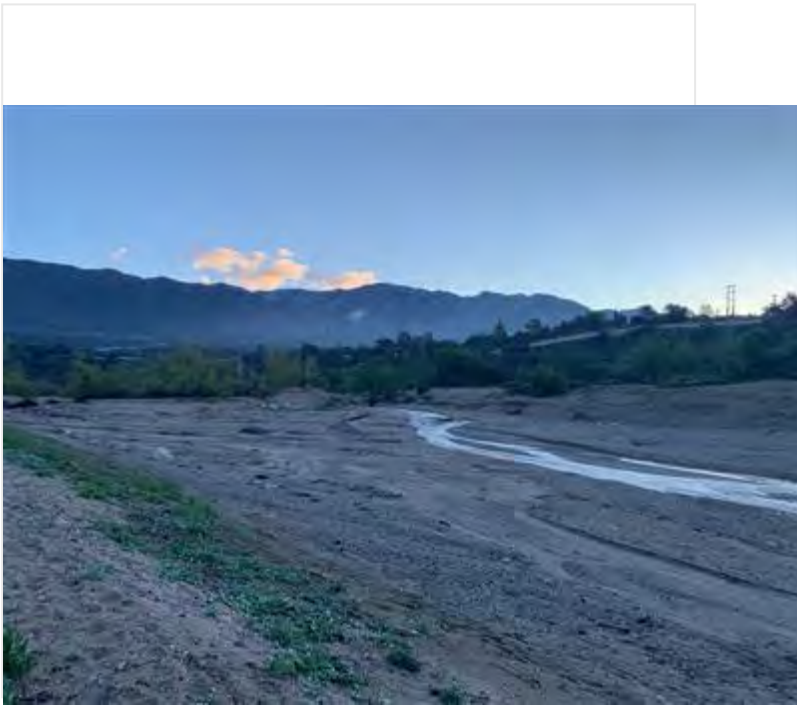
700: Bio conducted precon in new work zone-DG-4A and DG-4, continuing north. Crew removed by hand and with hand tools hemlock, mustards, and perennial pepper weed. Some mustards and hemlock were in flowering stage. Majority was hemlock. Bio reviewed new natives (Cryptantha and Western Ragweed) observed with crew for avoidance.

1100: after lunch crew continued in same locations, progressing northbound.

1400: SOSP_1 (new nest found) buffer flagged and foreman notified.

1430-1500: crew stopped pulling non-natives and tarping and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



Arroyo_after_rain_facingN.jpg

Photo 2



VegRemoval_before_facingE.jpg

Photo 3



VegClear_during_facingE.jpg

Photo 4



VegClear_after_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

7-9

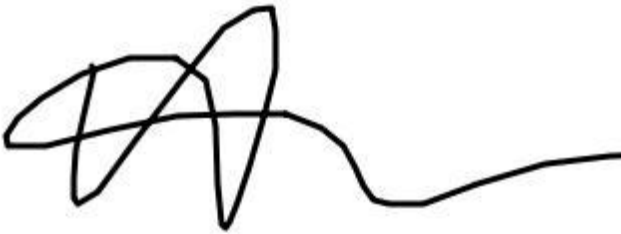
Ending Cloud Cover (%)

60

Additional Comments

Heavy rain previous day (1 inch)

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal tail extending to the right. The signature is contained within a rectangular box.

signature-20220329-205315.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 30, 2022, 6:58:39 AM

Date of Log

Mar 29, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Nature's Image, Daniel Holmes foreman, Genero, Nick, Edwardo, check irrigation lines. Same crew cutting branches from mulefat to stake in planting areas.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA,NOMO, SOSP, CANG, CALT,SPTO,HOWR, WBNU, OATI, WCSP,ACWO, First of season here BHGR, WIWA and HOOR,BUSH, COHA near nest area and one with prey, BEWR, AMRO, BGGN, HOWR, NRWS, VGSW,MALL,RNDU,RUDU,CITE male, LEGO, YRWA, RTHA mobbed by 3 CORA, pair of RSHA, ANHU,BGGN,NUWO, HETH, TUVU, and many more COYE then I had heard previously. I saw two western toads that are out after the rain.

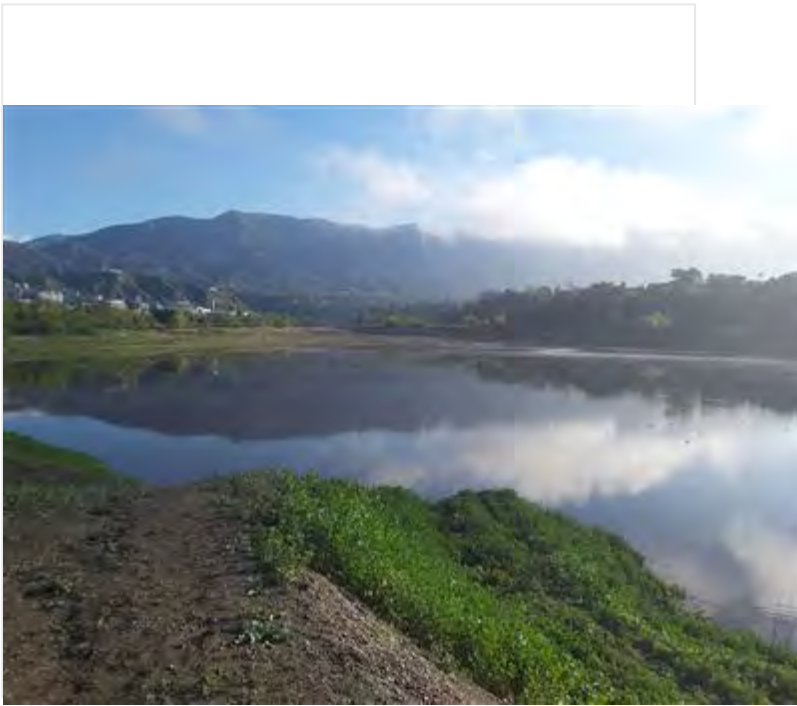
Did You observe any Non-Compliance Issues?

No

Log Entry

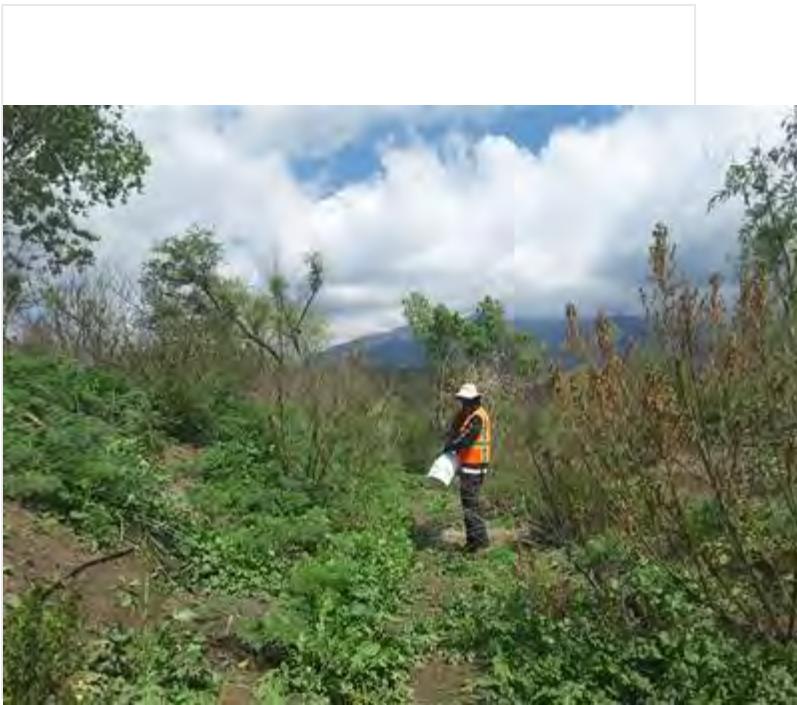
0630, crew collects water for water tanks to hold willow stakes, successfully get Kubota up and running to help with collection. 2nd crew goes with Amy to remove invasives in the north restoration area. I walk site and update nesting status of known nests. Some of the bushtit nests are soggy and I did not see activity. Some others are active and CSJA and COHA appeared to have activity. 1130 through the rest of the day I monitor around mulefat collection sites, crew of 3. No nests found in the area, but birds are very vocal and active.

Photo 1



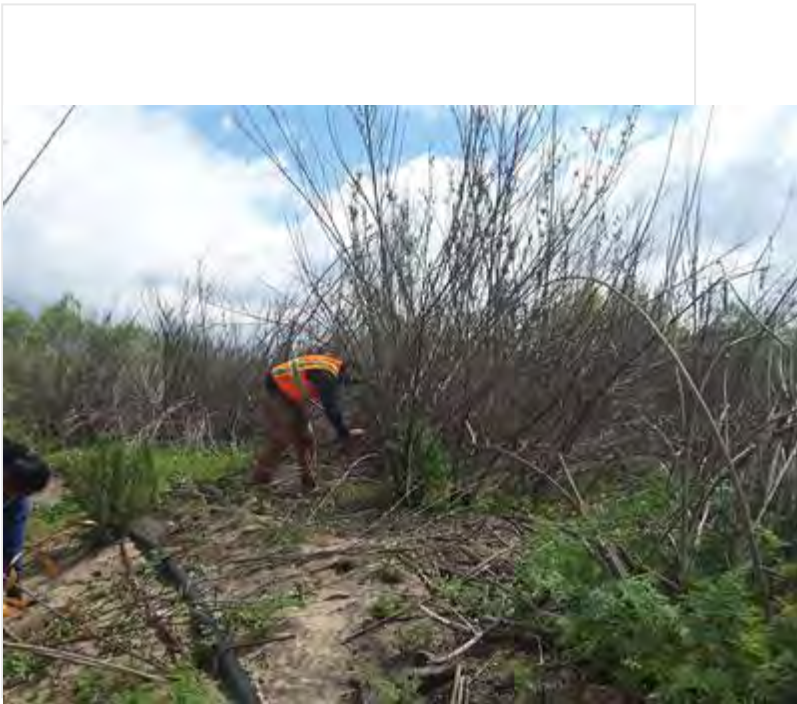
Reservoir after the storm looking NE.jpg

Photo 2



Crew Nick carrying one load of Mulefat stakes to water tanks.jpg

Photo 3



Crew collecting Mulefat stakes from mature plants.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

65

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

25

Signature

A handwritten signature in black ink, appearing to read "D. Garcia", is centered within a white rectangular box. A grey "X" mark is drawn over the signature, indicating it is a placeholder or a mark to be replaced.

signature-20220330095646866.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 30, 2022, 1:30:58 PM

Date of Log

Mar 29, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA RNDU CITE AMCO MALL LEGO CAQU CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ALHU
ACWO BEWR BUSH OATI NUWO WEBL HOWR NOMO COHA**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Mammals: California ground squirrel, cottontail

Amphibians: American bull frog, western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on DG-3A and DG-3B. Main target species include pepper weed, mustard, bind weed, lambs quarter.

0900: Crew takes a break.

0915: Crew returns to work.

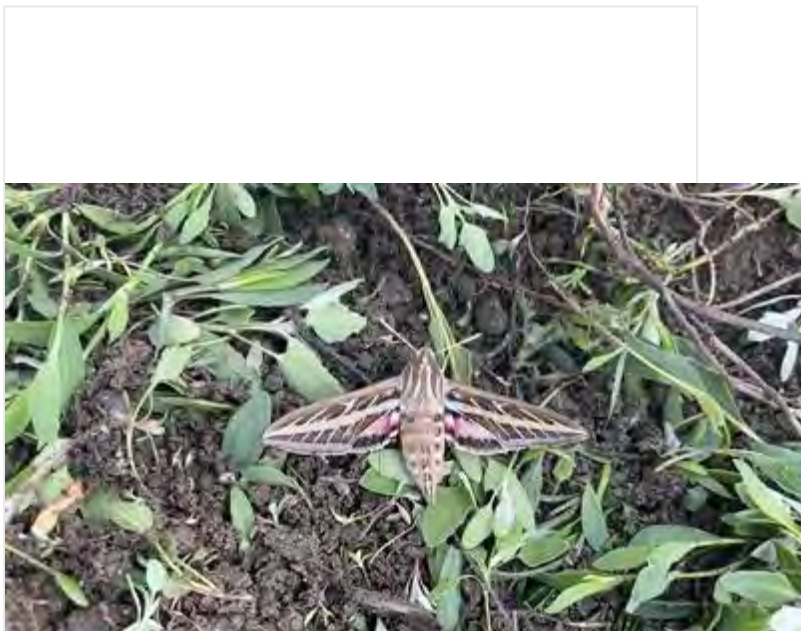
1115: Half the crew starts work on the eastern side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



SphinxMoth_sideslope.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

62


Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

90

Signature

A handwritten signature in cursive script, appearing to read "Lia V. P. [unclear]". The signature is written in black ink on a white background within a rectangular frame.

signature-20220329-210421.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Mar 30, 2022, 4:03:21 PM

Date of Log

Mar 30, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL LEGO CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ACWO BEWR BUSH OATI
WEBL HOWR NOMO**

Reptiles: Western fence lizard, side-blotch lizard, rattlesnake

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Half of the crew begins work on the eastern side slope while the other half works in DG-2. Main target species include pepper weed, mustard, bind weed, lambs quarter and poison hemlock.

0830: Crew in DG-2 finds young rattlesnakes near work area. Crew works away from snakes.

0900: Crew takes a break.

0915: Crew returns to work.

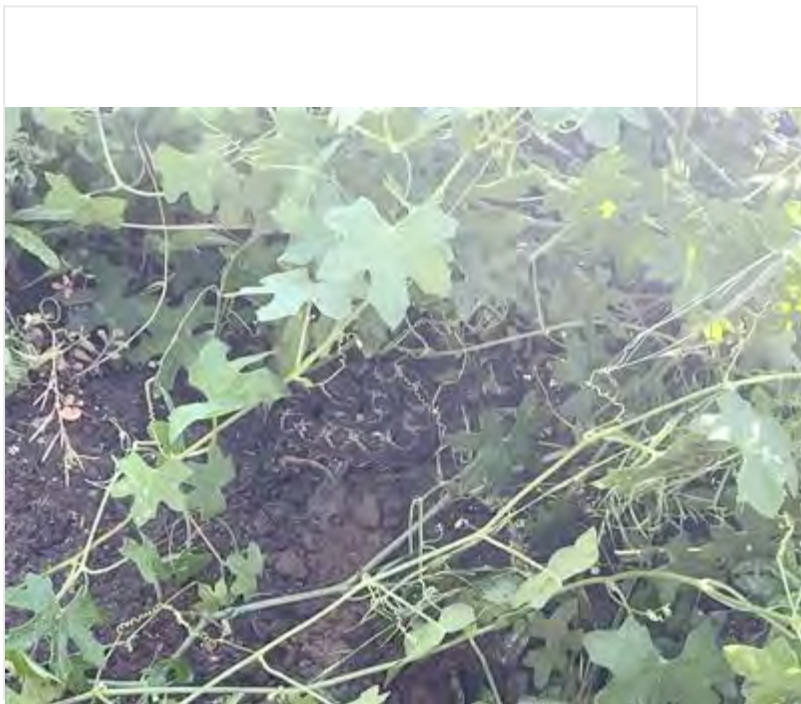
1130: One line trimmer is used to clear poison hemlock.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Rattlesnake_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela Johnson", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end.

signature-20220330-203835.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 30, 2022, 4:10:03 PM

Date of Log

Mar 30, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 4 collecting mulefat cuttings in DG-4.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CASJ, SPTO, BEWR, SOSP, YRWA, KILL, AMCR, NUWO, CATH, ANHU, CAQU, AMCO, AMCR, HOFI, BHGR

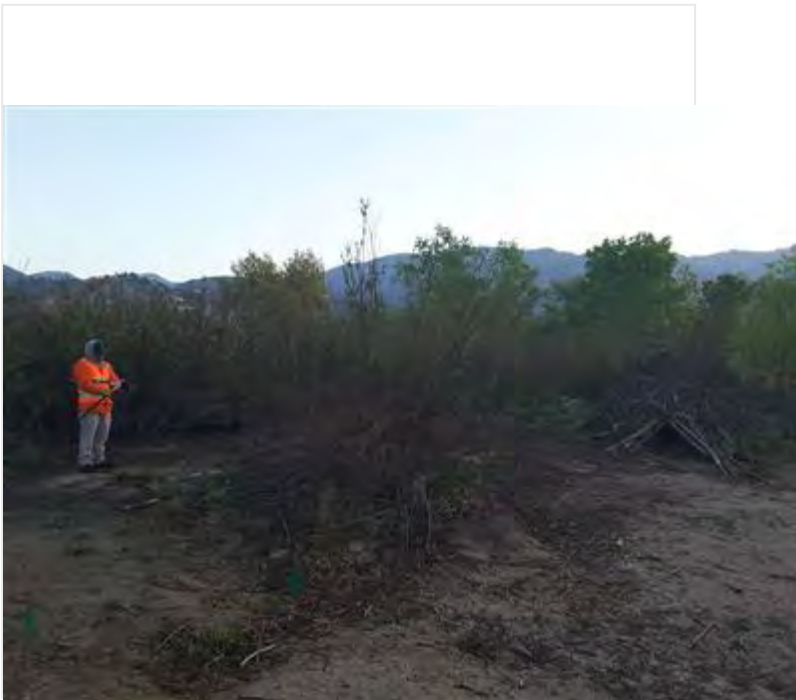
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Met with crew as they got tools together. 0700 walked to Boulder where they left off yesterday. Crew continued in DG-4 until they got approx 300. After lunch one crewmember left and the others trimmed the stakes down to fit lengthwise in the tank with the water and growth hormone.

Photo 1



CollectingMulefat_DG4_facingN.jpg

Photo 2



TrimmingToFitTank.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:00

Ending Temperature (°F)

63

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Margaret P. P. P.", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'M' and several loops.

signature-20220330-190726.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 31, 2022, 10:48:11 AM

Date of Log

Mar 30, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 6 pulling weeds on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

LEGO, SOSP, ALHU, ANHU, BUOR, WCSP, CAQU, CASJ, CALT, BUSH, BGGN, CANG, RCPA, CORA, LAGO, NOMO, YRWA, SPTO, CATH, w fence liz, side blotched liz

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew heads to N parking lot area, DG-4 (34.194082°N 118.172132°W). We are avoiding the nearby song sparrow nest, working around the mule fat edge and along the berm by the willows. Mule fat flats have waist-tall Conium and slope has Hirschfeldia, Conium, Carduus pyc., Bromus mad., Melilotus indicus, Fetuca myuros, Erodium cic., Cent. melit. Natives limited to Phacelia (mainly distans), Erigeron canad., Camissoniopsis. Phac distans abundant in flower under willows and in irrigated areas. Pectocarya (pencillata?) abundant on berm next to willows. 1145 observed several nest material deliveries to nearby SOSP-1, but still couldn't see nest when briefly inspecting area. 1200 onward: nest-searching N of this work area, no new nests except for an apparently inactive CASJ/CATH nest in a planted elderberry (mapped).

Photo 1



photo_1-hand-pulling_DG-4_facingS.jpg

Photo 2



photo_2-done_pulling_DG-4_facingS.jpg

Photo 3



photo_3-done_pulling_break_DG-4_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

69

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'SM', is centered within a white rectangular box. The signature is fluid and cursive, with a long horizontal stroke extending to the right.

signature-20220330-211622.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 1, 2022, 6:59:13 AM

Date of Log

Mar 31, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU
ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO**

Reptiles: NA

Mammals: California ground squirrel, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Half the crew begins vegetation removal on the Side Slopes and while the other half begin vegetation removal with additional use of one line trimmer in DG-2. Target species include poison hemlock, erodium, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crews continue vegetation removal on Side Slopes and DG-2.

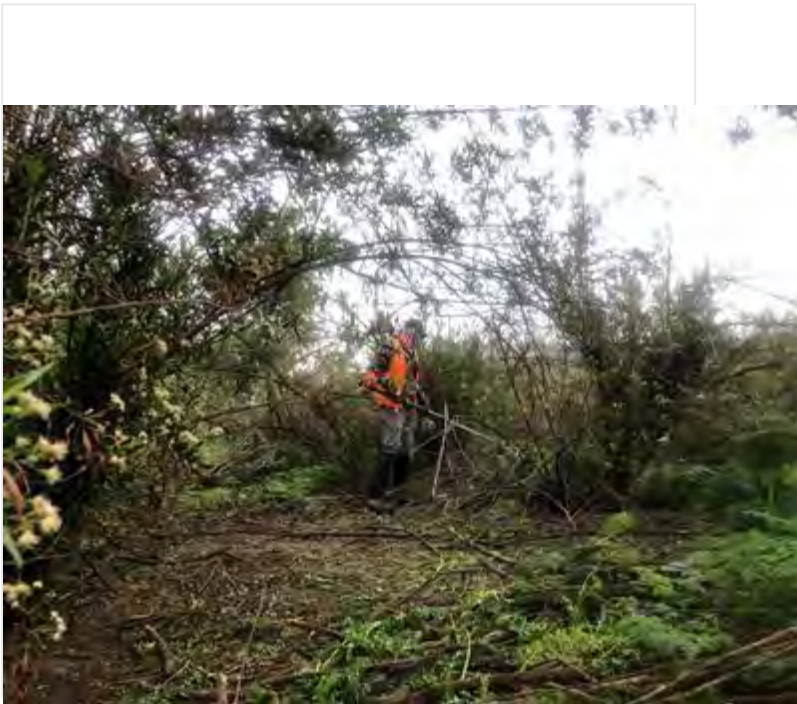
1100: Crew working in Side Slopes begins work in DG-3A. Crew working in DG-2 begins work in DG-3B.

1200: Crew breaks for lunch.

1230: Crews return to work in DG-3A and DG-3B.

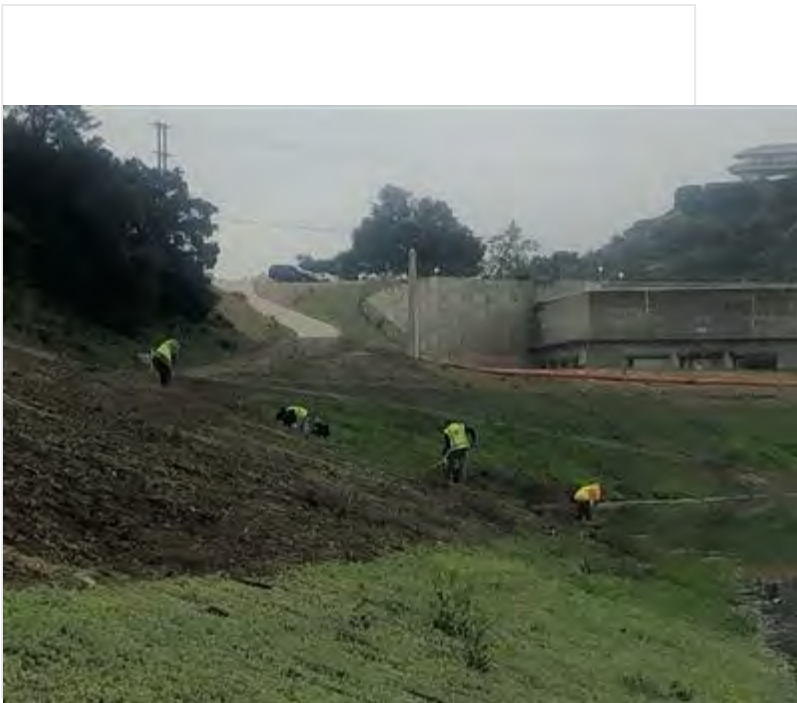
1445: Crew stops work for the day.

Photo 1



Invasive_Species_Removal_DG-2_facingS.jpg

Photo 2



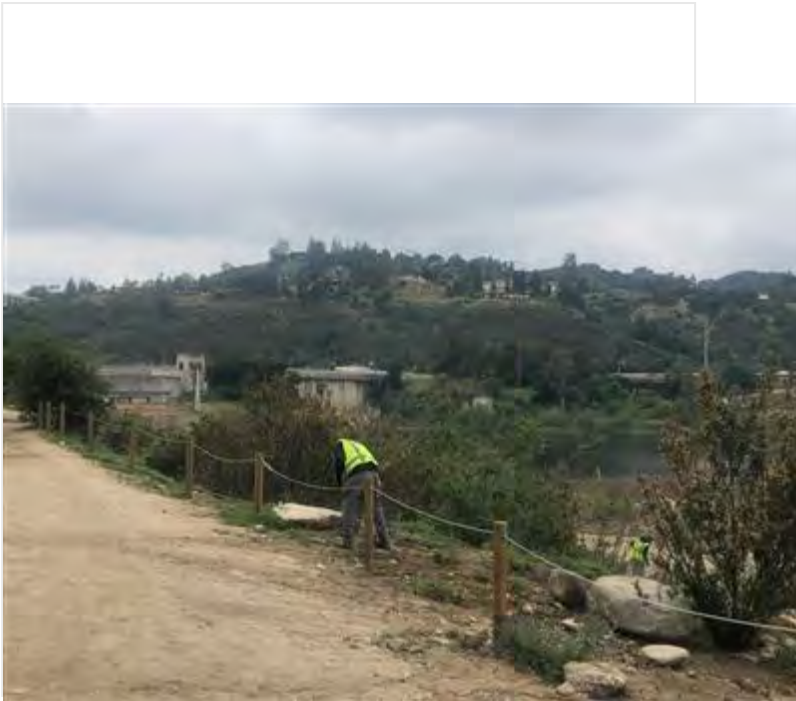
Invasive_Species_Removal_Side_Slopes_facingS.jpg

Photo 3



Inasive_Species_Removal_DG-3B_facingS.jpg

Photo 4



Invasive_Species_Removal_DG-3A_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:55

Ending Temperature (°F)

70

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

70

Additional Comments

The crew found two dead juvenile desert cottontails at a small burrow in DG-3B. One appeared to be intact and the other had an open wound.

Signature

A handwritten signature in black ink, appearing to be 'USA', is written inside a rectangular box. The signature is stylized and somewhat illegible.

signature-20220401-135848.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 31, 2022, 6:12:25 PM

Date of Log

Mar 31, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 4 collecting stakes in DG-4 and in the wash north of the mitigation area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, SPTO, SOSP, BEWR, CALT, CASJ, CAQU, WCSP, CATH, AMCR, RTHA, CANG, RCPA, BUSH, NOFL, BGGN, CACG, KILL, RNDU, AMCO, MALL, NRWS, HOFI, COYE, Virginia opossum (tracks), VGSW, CAKI, MODO, ANHU, ACWO, PUF1, California ground squirrel.

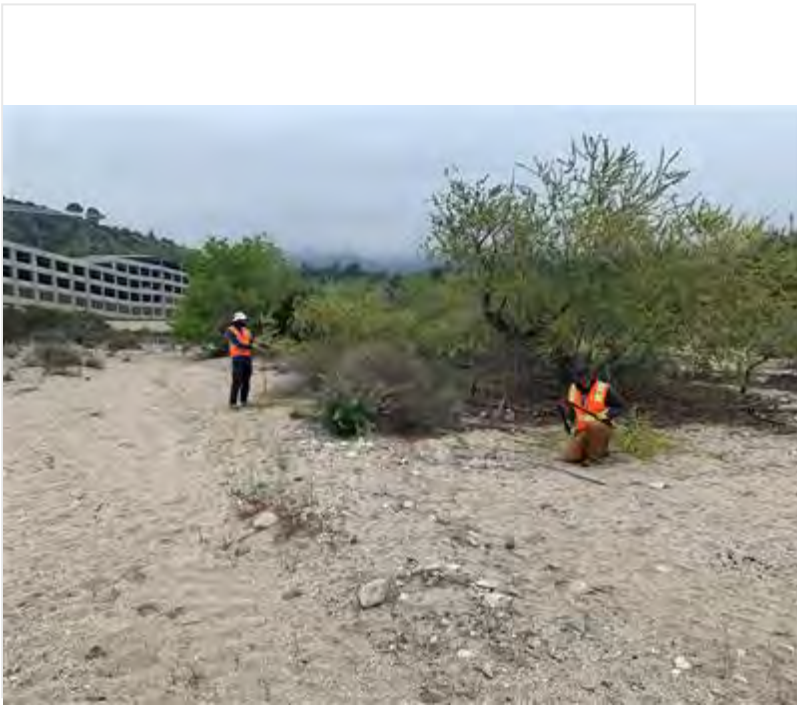
Did You observe any Non-Compliance Issues?

No

Log Entry

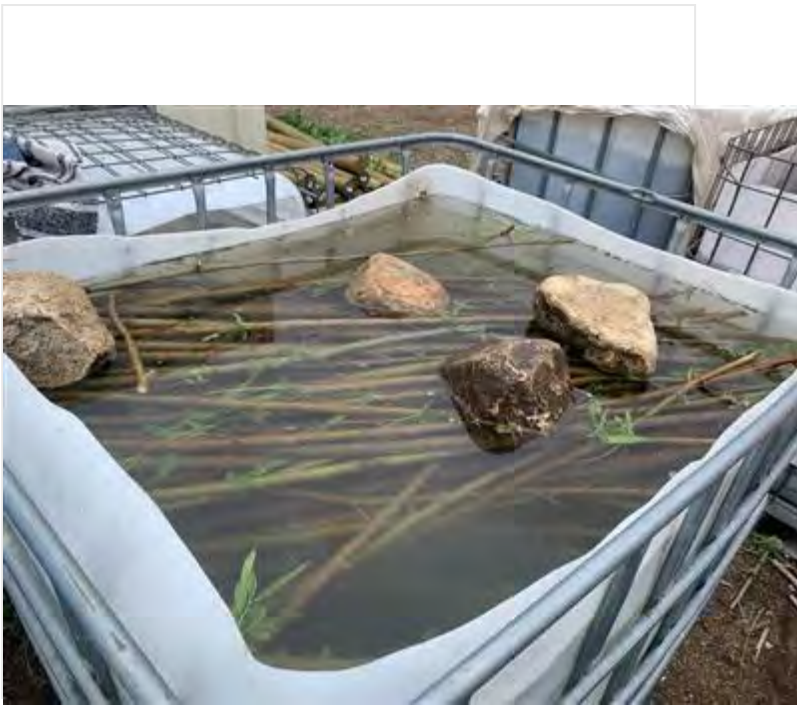
0630: surveyed area where crew was planning to collect stakes. 0700: monitored stake collection. Ensured that <1/3 of all trees were collected, and that they remained within the permit area. Helped process and assisted crew in choosing potential stakes. Did not observe any new nests. 1130: found a house finch nest ~150 feet above ground in a telephone pole. Logged in collector as HOFI_01. Nest was so high that disturbance from the restoration activities is very unlikely, no buffer flagged off. 1300: crew relocated to DG-4 south of the large open area adjacent to the perimeter trail. Monitored stake collecting. 1430: crew wrapped up for the day, 304 Salix laevigata stakes were collected. Foreman Daniel Holmes ensured that they were properly stored.

Photo 1



photo_1-stake_collecting_facingN.jpg

Photo 2



photo_2-S_laevigata_stakes_facingSW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

61

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

100

Additional Comments

100% cloud cover for entire work day

Signature

A handwritten signature in black ink, appearing to read "M. K. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220331-181027.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Mar 31, 2022, 2:33:54 PM

Date of Log

Mar 31, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

18:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 6 pulling weeds on west side of project area, Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SPTO, CATH, CALT, BUSH, SOSP, CASJ, WCSP, YRWA, BUOR, CORA, BEWR, NRWS, BUOR

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 continuing in area from yesterday afternoon at north end of restoration area (34.194061°N 118.172095°W), DG-4, south of SOSP-1 nest. There aren't many weeds north of that nest, so crew is working southward up to CATH buffer in the planted area of mostly mule fat. Waist-tall hemlock there is free of bird nests and will be worked on after lunch. Other nonnatives include Bromus, pepperweed, Hirschfeldia, Melilotus ind., Erodium cic. Native herbaceous increases on upper slope: Erig. canad., Phacelia distans, Ph. parryi., a few Ph. cicutaria. Cool overcast weather all day, virtually no active herps. No new nests.

Photo 1



photo_1_hand-pulling_DG-_facingE.jpg

Photo 2



photo_2_hand-pulling_DG-4_facingSE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

60

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "SA" followed by a stylized name, enclosed in a thin black rectangular border.

signature-20220331-213255.jpg

**Devil's Gate Reservoir Restoration Project
Second Quarter Compliance Report
Activities Occurring Between April 2022 and
June 2022**

Submitted to:

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Prepared for:

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August 2022

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- Appendix B: Habitat Restoration Monitoring Logs

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the second quarter of 2022 (April through June). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

"The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 6.6 into a Quarterly Compliance Report during time periods when Initial Sediment Removal and Habitat Restoration activities have occurred. Quarterly Compliance Reports and a copy of the MMRP table with notes showing the current implementation status of each mitigation measure shall be submitted to CDFW's Regional Representative and Headquarters CESA Program."

This is the fifteenth report (Quarterly Compliance Report Number 15) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between April 1 and June 30, 2022.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, if Covered Activities are proposed during the least Bell's vireo (*Vireo bellii pusillus*) breeding season (defined as March 1 to September 15) "the Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species." Habitat restoration activities are considered Covered Activities in the ITP.

Per Conservation Measure 11b of the USFWS Informal Section 7 Consultation, if sediment removal is conducted between March 15 and August 31 "twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

No sediment removal activities were conducted during the second quarter of 2022. However, habitat restoration activities are ongoing and as such, weekly least Bell's vireo surveys (per ITP Condition 7.3.4) were continued in the second quarter of 2022. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Second Quarter 2022 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
04/06/22	Lauren Simpson
04/13/22	Lauren Simpson
04/22/22	Taylor Dee
04/28/22	Taylor Dee
05/03/22	Christine Tischer
05/11/22	Lauren Simpson
05/21/22	Jill Coumoutso
05/28/22	Jill Coumoutso
06/02/22	Shannan Shaffer
06/11/22	Jill Coumoutso
06/16/22	Jill Coumoutso
06/23/22	Christine Tischer
06/30/22	Carla Marriner

Least Bell's vireo was not observed by Designated Biologists during focused survey work during the second quarter of 2022; however individuals were observed by Designated Biologists monitoring onsite habitat restoration work in April. The dates and details of observations of least Bell's vireo made during onsite restoration work are described below.

On April 19, 2022, a male least Bell's vireo was incidentally documented by the Stillwater Sciences (Stillwater) restoration monitor. The vireo was heard singing with occasional chatter and rambling song within a mule fat (*Baccharis salicifolia*) thicket east of the restoration work area. The individual was later seen foraging in some willows (*Salix* sp.) and was determined to be alone.

On April 27, 2022, a male least Bell's vireo was documented incidentally by the Stillwater restoration monitor and by the restoration monitor from ICF. The Stillwater monitor observed a male least Bell's vireo singing in the same territory where a male established a territory in 2020. The ICF monitor observed a least Bell's vireo vocalizing upon arriving to the restoration work area on the east side of the site first thing in the morning and briefly made visual contact before the individual presumably moved to the west side.

On April 28, 2022, two least Bell's vireos were incidentally documented by the Stillwater restoration monitor. The monitor observed a least Bell's vireo calling and carrying nesting material while being stalked by a brown-headed cowbird (*Molothrus ater*). Another least Bell's vireo was later heard singing for roughly 10 minutes, but no visual was obtained due to the density of the vegetation.

On April 29, 2022, a male least Bell's vireo was incidentally documented by the Stillwater restoration monitor. The male was observed singing off and on for approximately 4 hours in an area where observations had previously occurred on April 19, 2022. Throughout the day, the monitor observed the individual wandering within the previously marked 2020 least Bell's vireo territory.

Additionally, on April 28, 2022, a Brown-headed cowbird was observed singing in a willow during the April 2022 breeding season surveys. The brown-headed cowbird trapping program is active again in 2022 with two traps set up in areas adjacent to the Devil's Gate Reservoir Restoration Area.

No least Bell's vireos or brown-headed cowbirds were detected during May or June 2022 breeding season surveys. The least Bell's vireo breeding season survey reports for April, May, and June 2022 are included in Appendix A.

2.2 Biological Monitoring

Per Condition 6.6 in the ITP, "The Designated Biologist shall be on site daily when Covered Activities occur and when Covered Species are present, and weekly when Covered Species have potential to be present." Per Conservation Measure 10 of the USFWS Informal Section 7 Consultation "If construction occurs between September 1 to March 14 (outside of the vireo breeding and nesting season), a designated construction monitor will conduct twice weekly inspections of the project site."

No construction-related activities (including site preparation for sediment removal or sediment removal activities) occurred during this reporting period. As such, no construction monitoring or inspections occurred during this reporting period.

Daily biological monitoring of restoration activities occurred whenever nonnative vegetation removal and/or plantings took place. Designated Biologists identified active bird nests on the Project site and implemented appropriate no-work buffers around said nests. Table 2 shows Project working dates and the biological monitors that were present on each date.

Date	Restoration Monitors
04/01/22	Kristen Klinefelter, David Torfeh, Margie Pfeffer
04/04/21	Cole Sutter, Scott Werner, Michael Walsh
04/05/22	Scott Werner, Lela updegrave, Michael Walsh
04/06/22	Michael Walsh, Lela Updegrave, Margie Pfeffer
04/07/22	David Torfeh, Michael Walsh, Lela Updegrave
04/08/22	Dawn Garcia, Lela updegrave
04/11/22	Scott Werner, Lela Updegrave, Dawn Garcia
04/12/22	Dawn Garcia, Lela Updegrave, Scott Werner
04/13/22	Lela Updegrave, Michael Walsh, Margie Pfeffer
04/14/22	David Torfeh, Lela Updegrave, Michael Walsh
04/15/22	Michael Walsh, Cole Sutter
04/18/22	Dawn Garcia, Scott Werner, Lela Updegrave
04/19/22	Dawn Garcia, Scott Werner, Lela Updegrave
04/20/22	Lela Updegrave, Margie Pfeffer
04/21/22	David Torfeh, Lela Updegrave, Margie Pfeffer
04/22/22	Scott Werner, Cole Sutter, Margie Pfeffer
04/25/22	Scott Werner, Michael Walsh, Lela Updegrave
04/26/22	Taylor Dee, Scott Werner, Lela Updegrave, Michael Walsh

Devil's Gate Reservoir Restoration Project
Second Quarter 2022 Compliance Report

Table 2. Monitors Onsite during Working Days	
Date	Restoration Monitors
04/27/22	Taylor Dee, Michael Walsh, Cole Sutter
04/28/22	David Torfeh, Lela Updegrave, Michael Walsh
04/29/22	Lela Updegrave, Michael Walsh
05/02/22	Michael Walsh, Scott Werner, Lela Updegrave
05/03/22	Michael Walsh, Scott Werner, Lela Updegrave
05/04/22	Michael Walsh, Lela Updegrave
05/05/22	David Torfeh, Lela Updegrave, Michael Walsh
05/06/22	Michael Walsh, Cole Sutter
05/09/22	Lela Updegrave, Michael Walsh
05/10/22	Lela Updegrave, Michael Walsh, Scott Werner
05/11/22	Scott Werner, Michael Walsh, Cole Sutter
05/12/22	Michael Walsh, Kristen Klinefelter
05/13/22	David Torfeh, Michael Walsh, Lela Updegrave
05/16/22	Dawn Garcia, Cooper Walton, Lela Updegrave
05/17/22	Dawn Garcia, Cooper Walton, Lela Updegrave
05/18/22	Cooper Walton, Alec Mang, Lela Updegrave
05/19/22	Cooper Walton, Alec Mang, Lela Updegrave
05/20/22	Alec Mang, Cole Sutter
05/23/22	Lela Updegrave, Michael Walsh
05/24/22	Lela Updegrave, Michael Walsh
05/25/22	Lela Updegrave, Michael Walsh
05/26/22	Lela Updegrave, Alec Mang
05/27/22	Alec Mang, Cole Sutter
05/30/22	No Work - Holiday
05/31/22	Lela Updegrave, Michael Walsh
06/01/22	Lela Updegrave, Michael Walsh
06/02/22	Alec Mang, Lela Updegrave
06/03/22	Alec Mang, Cole Sutter
06/06/22	David Torfeh, Lela Updegrave
06/07/22	Lela Updegrave, Michael Walsh
06/08/22	Lela Updegrave, Michael Walsh
06/09/22	Alec Mang, Lela Updegrave
06/10/22	Alec Mang, Lela Updegrave
06/13/22	Lela Updegrave, Michael Walsh
06/14/22	Michael Walsh, Lela Updegrave
06/15/22	Michael Walsh, Cole Sutter
06/16/22	Alec Mang, Lela Updegrave
06/17/22	Alec Mang, Lela Updegrave
06/20/22	Amy Plesetz, Lela Updegrave
06/21/22	Lela Updegrave, Amy Plesetz
06/22/22	Alec Mang, Cole Sutter
06/23/22	Alec Mang, Lela Updegrave

Date	Restoration Monitors
06/24/22	Alec Mang, Cole Sutter
06/27/22	Dawn Garcia, Lela Updegrave
06/28/22	Lela Updegrave, Dawn Garcia
06/29/22	Cole Sutter, Alec Mang
06/30/22	Cole Sutter, Alec Mang

The Project and restoration activities conducted during this quarter are summarized in the sections below.

2.3 Project Activities

No construction -related Project activities were conducted onsite during the second quarter 2022 reporting period.

2.4 Habitat Restoration Activities

The following habitat restoration activities were conducted onsite during this reporting period:

- Restoration activities continued from April 1 through June 30, 2022.
- Low-growing nonnative plants, including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), red stemmed filaree (*Erodium cicutarium*), dwarf nettle (*Urtica urens*), spiny sowthistle (*Sonchus asper*), wild radish (*Raphanus sativus*), spotted ladythumb (*Persicaria maculosa*), rattail sixweeks grass (*Festuca myuros*), foxtail brome (*Bromus madritensis*), lambs quarters (*Chenopodium album*), sand plantain (*Plantago arenaria*), castor bean (*Ricinus communis*), feathered geranium (*Dysphania botrys*), London rocket (*Sisymbrium irio*), common purslane (*Portulaca oleracea*), Italian thistle (*Carduus pycnocephalus*), smartweed (*Persicaria* sp.) curly dock (*Rumex crispus*), and poison hemlock (*Conium maculatum*), were removed from the DG-1, DG-2, DG-2A, DG-W-1, DG-W-2, DG-W-2 mining pit (and outlet), DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4 drainage, DG-4 mining pit, DG-4 sheetflow, DG-4 WOUS, DG-W-1 (Johnson Field), DG-SF1, DG-8 and side slopes within the site by hand pulling and using small hand tools, shovels, weed whips, hula hoes, a one line trimmer and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Irrigation was installed and capped off in DG-4A and DG-4 WOUS.
- Willow and mule fat cuttings were harvested in DG-4, DG-4A, DG-4B, and DG-4 WOUS.
- Willow and mule fat stakes were installed in DG-4A and DG-4 WOUS.
- Side slopes to the south of DG-7 and DG-8 of the east and west basin were hydroseeded.
- Two truck-mounted drills and augers were used to conduct augering activities at three boring locations on the east side of the reservoir near the Altadena drain in preparation for developing an alternate design for the Altadena Drain.

Habitat restoration monitoring logs for this quarter detailing daily activities are included in Appendix B.

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take of listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from July 1 to September 30, 2022.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 3 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	No initial ground- or vegetation-disturbing construction related activities occurred during the 2022 second quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2022 second quarter reporting period. See Table 2 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2022 second quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 - 5/19/20, 3/17/21-3/26/21	No construction ground-disturbing activities occurred during the second quarter of 2022. As such, no preconstruction surveys for sensitive wildlife species took place during the second quarter of 2022.
MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20 3/1/21-4/16/21	No construction ground-disturbing activities occurred during the second quarter of 2022. As such, no preconstruction surveys for nesting birds took place during the second quarter of 2022. Designated Biologists monitored restoration activities daily during the nesting season during the second quarter 2022 reporting period.
MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or	Final Plans and Specifications; Pre-Sediment Removal;	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	Sediment Removal; Reservoir Management						the fourth quarter of 2018. No surveys related to this measure were required during the 2022 second quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, 	Reservoir Management <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	Reservoir Management <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2022 second quarter reporting period.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. ● Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. ● Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. ● Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> ● Conduct Tree Survey ● Identify and Protect Oak Tree Root Zones ● Identify/Map Mitigation Sites ● Prepare Habitat Restoration Plan ● Install Plant Materials ● Monitor Installation ● Install Irrigation, if Necessary ● Prepare As-Built Report ● Conduct Maintenance ● Prepare Monitoring Reports 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> ● Identify Reference Sites ● Conduct Qualitative and Quantitative Monitoring ● Conduct Maintenance ● Implement Adaptive Management Measures, if Necessary ● Prepare Monitoring Reports ● Prepare Annual Reports ● Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2022 second quarter reporting period.
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural</p>	Reservoir Management	Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2022

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). • Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctly re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, 	<ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 					second quarter reporting period.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. ● Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. ● Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

*The Implementation and Monitoring phases are broken down into four categories: Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; and Reservoir Management. "Final Plans and Specifications" indicates that the mitigation measure must be incorporated into the final approved design, plans, and specifications for the project. "Pre- Sediment Removal" refers to measures that are required prior to the start of the sediment removal phase. "Sediment Removal" refers to all aspects of the Sediment Removal phase. "Reservoir Management" refers to all aspects of the Reservoir Management phase.

LIST OF APPENDICES

Appendix A: Least Bell's Vireo Breeding Season Survey Reports

Appendix B: Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Breeding Season Survey Reports

June 21, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: April 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in April 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and continued through April 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during April 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
04/06/22	LS	0645	1100	55	81	0	0	0	0-2
04/13/22	LS	0700	1100	40	60	0	0	0-1	0-3
04/22/22	TD	0630	1055	58	65	80	35	1-3	0-3
04/28/22	TD	0620	1200	57	70	100	85	0	1-4

LS = Lauren Simpson, TD = Taylor Dee

Least Bell's vireo were not observed by Designated Biologists during focused survey work in the month of April however individuals were observed by Designated Biologists monitoring onsite habitat restoration work. The dates and details of observations of least Bell's vireo made during onsite restoration work are described below.

On April 19, 2022, a male least Bell's vireo was incidentally documented by the Stillwater Sciences (Stillwater) restoration monitor. The vireo was heard singing with occasional chatter and rambling song within a mule fat (*Baccharis salicifolia*) thicket east of the restoration work area. The individual was later seen foraging in some willows (*Salix* sp.) and was determined to be alone.

On April 27, 2022, a male least Bell's vireo was documented incidentally by the Stillwater restoration monitor and by the restoration monitor from ICF. The Stillwater monitor observed a male least Bell's vireo singing in the same territory where a male established a territory in 2020. The ICF monitor observed a least Bell's vireo vocalizing upon arriving to the restoration work area on the east side of the site first thing in the morning and briefly made visual contact before the individual presumably moved to the west side.

On April 28, 2022, two least Bell's vireos were incidentally documented by the Stillwater restoration monitor. The monitor observed a least Bell's vireo calling and carrying nesting material while being stalked by a brown-headed cowbird (*Molothrus ater*). Another least Bell's

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

vireo was later heard singing for roughly ten minutes, but no visual was obtained due to the density of the vegetation.

On April 29, 2022, a male least Bell's vireo was incidentally documented by the Stillwater restoration monitor. The male was observed singing off and on for approximately four hours in an observation area that had previously been identified on April 19, 2022. Throughout the day the monitor observed the individual wandering within the previous marked least Bell's vireo territory.

Additionally on April 28, 2022, a Brown-headed cowbird was observed singing in a willow during the April 2022 breeding season surveys. The brown-headed cowbird trapping program is active again in 2022 with two traps set up in the Devil's Gate Reservoir Restoration Area.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo were conducted in April 2022. While no observations of least Bell's vireo were made during focused breeding season surveys, least Bell's vireos were detected on four different dates while restoration monitoring was taking place. During these observations, vireos were heard singing and were observed carrying nesting material. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15) and Designated Biologists will closely monitor the vireos onsite for further evidence of breeding.

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 

Lauren Simpson
Staff Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

DATE: June 21, 2022



Attachments:

Attachment A: April Least Bell's Vireo Observations
Attachment B: Survey Datasheets

ATTACHMENT A

April Least Bell's Vireo Observations

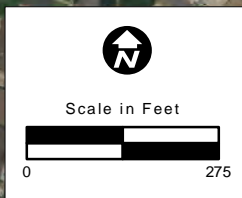
Map Features

-  Least Bell's Vireo Observation Areas
-  Least Bell's Vireo Observations



Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\MAPS\sub_survey_and_mapping\LBV\DC_LBV\Observations_20220615.mxd (TR)-trotellm 6/21/2022

Map Date: 6/17/2022
Photo Source: ECORP (2021), NAIP (2020)



ATTACHMENT B

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 04/06/2022 12:16 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55°F	0 MPH	0 %
End of Day	11:00	81 °F	0-2 MPH	0 %

Date Observed

April 6, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

CALT, WCSP, NOMO, LEGO, MODO, WEBL, ACWO, YRWA, WBNU, CASJ, HOOR, CANG, SPTO, SOSP, NUWO, NAWA, LAGO, CAQU, ALHU, ANHU, CATH, RCPA, HOFI, RSHA, BUSH, LISP, GREG, KILL, AMCO, cottontail, STJA, BGGN, COYE, YEWA, COHA, BEWR, FOX SQUIRREL, California ground squirrel, western fence lizard, SIDE blotched lizard, PSFL, CORA, WTSW, RNDU, RUDU, PBGR, BLPH, RWBL, NRWS, CLSW, BHGR, CAKI, EUST

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 04/13/2022 1:46 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	40°F	0-1 MPH	0 %
End of Day	11:00	60 °F	0-3 MPH	0 %

Date Observed

April 13, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

RCKI, NOMO, MODO, ACWO, EUST, CASJ, SOSP, WCSP, AMCR, CALT, SPTO, YRWA, BHGR, ANHU, BEWR, CAQU, COYE, YEWA, LEGO, HOFI, BUSH, NRWS, RNDU, RUDU, CLSW, BLPH, KILL, CANG, AMCO, NUWO, cottontail, California ground squirrel, western fence lizard, ALHU, WAVI, RTHA, LISP, NAWA, BTGR, OCWA, CORA, BUOR, CAKI, PSFL, CATH, WTSW, SAVS, GREG, MALL

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor DeeS
Submitted Time: 04/22/2022 10:55 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58°F	1-3 MPH	80 %
End of Day	10:55	65 °F	0-3 MPH	35 %

Date Observed

April 22, 2022

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

NOMO, CASJ, SPTO, BGGN, MODO, CALT, CAQU, YEWA, SOSP, Coyote, ALHU, black-throated gray warbler (BTYW), BHGR, COYE, LEGO, parrot sp., AMCR, ACWO, CATH, YRWA, BUOR, BARS, HOFI, NUWO, desert cottontail, NRWS, HOWR, MALL, KILL, VASW, CLSW, CANG, CORA, EUST, BUSH, DEJU, BEWR, PSFL, WTSW, ANHU, monarch butterfly, California ground squirrel, western side-blotched lizard, western fence lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted By: Taylor DeeS
Submitted Time: 04/28/2022 12:08 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	57°F	0 MPH	100 %
End of Day	12:00	70 °F	1-4 MPH	85 %

Date Observed

April 28, 2022

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

Yes

Note:

Number of Individuals

1

Locations

West of reservoir in southern restoration area. Also west of trap.

Additional Notes

Restoration monitor heard LBVI in a new location on west side at 1019. I did not detect LBVI when I surveyed it earlier or when I went to observe it around 1100-1200.

Incidental Species Observed

NOMO, SPTO, MODO, CAQU, HOFI, BHGR, CALT, coyote, EUST, desert cottontail, coastal whiptail, BUSH, CASJ, HOWR, SOSP, YEWA, ACWO, COYE, CLSW, BARS, BEWR, WAVI, LEGO, parrot sp., BGGN, NRWS, KILL, SPSA, WTSW, WETA, MALL, YRWA (Myrtle's), WWPE, ALHU, CATH, ANHU, NUWO, RUHU, PSFL, RWBL, COOT, BHCO, RSHA

June 28, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: May 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in May 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and continued through May 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during May 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
05/03/22	CT	0620	1100	59	61	100	100	0	1-3
05/11/22	LS	0645	1055	39	61	0	5	0-1	1-3
05/21/22	JC	0700	0915	59	57	100	100	0-1	0-1
05/28/22	JC	0715	1223	61	61	100	100	0-1	0-1


LS = Lauren Simpson, CT = Christine Tischer, JC = Jill Coumoutso

No least Bell's vireos or Brown-headed cowbirds were detected during the May 2022 breeding season surveys.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo conducted in May 2022 did not detect least Bell's vireo in or within 500 feet of the Project site. Additionally, least Bell's vireo were not observed by onsite restoration monitors during May 2022. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 
 Lauren Simpson
 Staff Biologist
 ECORP Consulting, Inc.
 2861 Pullman Street
 Santa Ana, CA 92705

DATE: June 28, 2022

Attachments:

Attachment A: Survey Datasheets

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 05/03/2022 5:49 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59°F	0 MPH	100 %
End of Day	11:00	61 °F	1-3 MPH	100 %

Date Observed

May 3, 2022

Observer Name

Christine Tischer

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

CAQU, NOMO, BUSH, LEGO, CASJ, SPTO, red-crowned parrot, SOSP, BHGR, ANHU, coyote, AMCR, CALT, cottontail, BEWR, MODO, CATH, EUST, ROPI, ECDO, ACWO, NRWS, NUWO, RTHA, HOFI, KILL, CANG, COYE, CLSW, YEWA, WTSW, WIWA, OSFL, RSHA, PSFL, AMCO, PBGR, GREG, BARS, potential BANS (x3), VGSW, MALL, dainty sulphur, orange sulphur, common buckeye, OATI, western toad

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 05/11/2022 10:58 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	39°F	0-1 MPH	0 %
End of Day	10:55	61 °F	1-3 MPH	5 %

Date Observed

May 11, 2022

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

DEJU, CASJ, NOMO, SPTO, ACWO, MODO, ANHU, BUSH, CAQU, COYE, SOSP, PARROT SP., HOOR, EUST, LEGO, BARS, CALT, OCWA, HOFI, BHGR, cottontail, NUWO, CLSW, GBHE, KILL, BEWR, NRWS, VASW, ALHU, SWTH, CORA, MALL, RNDU, YEWA, WTSW, AMCO, PSFL, RSHA, Western fence lizard, TUVU, AMRO, skunk, RTHA, WAVI, CAKI

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
Submitted Time: 05/22/2022 12:39 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	59°F	1 MPH	100 %
End of Day	09:15	57 °F	1 MPH	100 %

Date Observed

May 21, 2022

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

ACWO, DEJU, OATI, BHGR, NOMO, SPTO, BUSH, CAQU, CASJ, WEWP, CATH, ALHU, HOFI, MODO, ANHU, CALT, YEWA, BEWR, CORA, Parrot spp., California Ground squirrel, Desert cottontail, Western toad

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
Submitted Time: 05/28/2022 12:23 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	61°F	1 MPH	100 %
End of Day	12:23	61 °F	1 MPH	100 %

Date Observed

May 28, 2022

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

EUCD, ACWO, SPTO, CAQU, HOFI, CASJ, BUSH, BHGR, BUSH, BEWR, MODO, SOSP, COYE, ANHU, YEWA, AMRO, BLPH, CALT, NUWO, ATFL, OATI, KILL, Red crowned parrot, Desert cottontail, California ground squirrel
Western toad

July 14, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: June 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in June 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and continued through June 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Five focused breeding season surveys for least Bell's vireo were conducted during June 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
06/02/22	SS	0615	1025	61	74	100	40	0-1	0-1
06/11/22	JC	0710	0907	70	73	0	0	1-3	1-3
06/16/22	JC	0705	0915	62	69	85	0	1-3	1-3
06/23/22	CT	0605	1215	66	83	0	0	0-2	1-2
06/30/22	CM	0615	1010	64	75	70	30	0-2	1-3

CT = Christine Tischer, JC = Jill Coumoutso, CM = Carla Marriner, SS = Shannan Shaffer

No least Bell's vireos or Brown-headed cowbirds were detected during the June 2022 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell's vireo conducted in June 2022 did not detect least Bell's vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 
 Lauren Simpson
 Staff Biologist
 ECORP Consulting, Inc.
 2861 Pullman Street
 Santa Ana, CA 92705

DATE: July 14, 2022

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

Attachments:

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate
Submitted By: Shannan Shaffer
Submitted Time: 06/02/2022 10:26 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	61°F	0-1 MPH	100 %
End of Day	10:25	74 °F	0-1 MPH	40 %

Date Observed

June 2, 2022

Observer Name

Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

Parrots, BEWR, BUSH, MODO, CASJ, CATH, ACWO, California ground squirrel, desert cottontail, western toad, AMCR, common buckeye, NOFL, CAQU, SPTO, BLPH, CORA, HOFI, LEGO, western fence lizard, ANHU, BHGR, RTHA, ALHU, coyote, COYE, RSHA, KILL, NOMO, SOSP, GREG, GBHE, WTSW, MALL, WEKI, NRWS, CLSW, YEWA, common side-blotched lizard

Least Bell's Vireo Log for Devils Gate

Submitted By: Jill Coumoutso

Submitted Time: 06/11/2022 5:06 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:10	70°F	1-3 MPH	0 %
End of Day	09:07	73 °F	1-3 MPH	0 %

Date Observed

June 11, 2022

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

CALT, MODO, CATH, BUSH, LEGO, CAKI, SPTO, ACWO, CAQU, HOFI, PSFL, YWAR, ANHU, SOSP, NUWO, BEWR, CAJA, OATI, Red-crowned parrot, Western toad, Western whiptail, Western Fence lizard, Desert cottontail, California ground squirrel

Least Bell's Vireo Log for Devils Gate
Submitted By: Jill Coumoutso
Submitted Time: 06/16/2022 3:15 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	62°F	1-3 MPH	85 %
End of Day	09:15	69 °F	1-3 MPH	0 %

Date Observed

June 16, 2022

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

NUWO, SPTO, BHGR, ALHU, OATI, CALT, HOFI, CAKI, MODO, BUSH, ACWO, YWAR, BEWR, CASJ, CAQU with 7 chicks, SOSF, PSFL, COHA, Red-crowned parrot, Bobcat, Western toad, Western fence lizard, Desert cottontail, California ground squirrel

Least Bell's Vireo Log for Devils Gate
Submitted By: Christine Tischer
Submitted Time: 06/23/2022 12:22 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	66°F	0-2 MPH	0 %
End of Day	12:15	83 °F	1-2 MPH	0 %

Date Observed

June 23, 2022

Observer Name

Christine Tischer

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

CAQU, CALT, NUWO, BHGR, BEWR, HOFI, ALHU, SPTO, WREN, CATH, MODO, HUVI, BUSH, AMCR, CORA, LEGO, YEWA, MALL, CLSW, CITE, KILL, SOSP, OATI, RTHA, COHA, BLGR, NOMO, cabbage white, common buckeye, western yellowtail, BNST, BLPH, EUCO, coyote, coastal whiptail, side blotched lizard

Least Bell's Vireo Log for Devils Gate
Submitted By: Carla Marriner
Submitted Time: 06/30/2022 11:24 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	64°F	0-2 MPH	70 %
End of Day	10:10	75 °F	1-3 MPH	30 %

Date Observed

June 30, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

MODO, SCJA, NOMO, RSHS, BLPH, ACWO, Western fence lizard, Coyote, MALL, KILL, AMCO, HOWR, SOSP, Cabbage white, Western tiger swallowtail, Western toad, BUSH

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 1, 2022, 2:10:56 PM

Date of Log

Apr 1, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

1 Weeding restoration area

2 hand tools

3 Nature's image regular crew of 6, foreman Oscar

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, CAQU, CATO, SPTO, NOMO, CSJA, AMCR, YRWA, RCPA, ACWO, BEWR, SOSP, BUSH, TRSW, CATH, COHA, CORA, WCSP, LEGO, COYE, HOFI, ALHU, HOOR, BASW, COHU, NRWS, EUST, ANHU, LAGO, CAKI, desert cottontail, monarch, cabbage white, ATFL, ECDO, western fence lizard, western tiger swallowtail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0655 getting oriented. 0655-1045 monitored weeding in NE DG-4 and looked for nests in surroundings. No nests in elevated basin to west covered by mature willows and phacelias. Heavy sound of bees on the willow catkins and phacelias. There is a very small cavity on willow trunk at this basin but no bird activity observed. Saw CASJ carrying twigs north of today's weeding areas. 1115-1400 continued to monitor weeding areas and surroundings in DG-4. Saw CASJ with twigs again. 1400-1410 finished tablet entries.

Photo 1



photo_1-20220401-lookingNbefore.jpg

Photo 2



photo_2-20220401-lookingN-after.jpg

Photo 3



photo_3-20220401-lookingSEbefore.jpg

Photo 4



photo_4-20220401-lookingSE-after.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:10

Ending Temperature (°F)

77

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

Hazy

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "David Taylor".

signature-20220401-210640.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 1, 2022, 5:46:44 PM

Date of Log

Apr 1, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO Parrot sp.

Reptiles: Western fence lizard

Mammals: California ground squirrel, desert cottontail

Amphibians: Western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Half the crew begins vegetation removal in DG-3A while the other half begin vegetation removal in DG-2. Target species include poison hemlock, erodium, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crews continue vegetation removal DG-3A and DG-2.

1040: A CA scrubjay nest is found in an Elderberry shrub in DG-2 and is mapped as CASJ-07.

1200: Crew breaks for lunch.

1230: Crews return to work in DG-3A and DG-2.

1445: Crew stops work for the day.

Photo 1



Invasive_Species_Removal_DG-3A_facingSE.jpg

Photo 2



Invasive_Species_Removal_DG-2_facingNE.jpg

Photo 3



photo_3-20220401-111843.jpg



CASJ-07_Nest_facingE.jpg

Photo 4



CASJ-07_Nest_Location_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:50

Ending Temperature (°F)

72

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

50

Additional Comments

A California scrubjay nest with four eggs was found in DG-2 in an elberberry shrub and mapped as CASJ-06.

Signature

A handwritten signature in black ink, appearing to be '15AK', is centered within a white rectangular box. The signature is stylized and somewhat abstract.

signature-20220402-004601.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 1, 2022, 11:30:25 AM

Date of Log

Apr 1, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 4 capping off irrigation in DG-4 WOUS and collecting willow cuttings in DG-4 and DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CASJ, BUSH, WCSP, CALT, SPTO, NUWO, ANHU, SOSP, CATH, ACWO, COYE

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 arrived on site and met with crew, they got equipment together. 0700 walked ahead of Kubota to site where they will be installing caps on the irrigation pipe. 0740 observed male NUWO inspecting cavity just north of BUSH-04 buffer. Walked further from nest and female later approached then both flew off to the SW. 0815 finished third irrigation cap in DG-4 WOUS. These caps will later be attached to control nodes. 0900-1000 Monitored while two crew members harvested willow cuttings from DG-4 and DG-4A in the south. Lots of bird activity in this area so stayed on the eastern edge along the reservoir instead of the dense canopy. Crew to spend the rest of the day on irrigation. Monitor left at 1000. Vandalized sign observed when checking out with other monitor in north end of DG-4 along the south end of the large gravel area.

Photo 1



CappedPipe_StartingNext_DG4WOUS_facingS.jpg

Photo 2



LastCap_DG-4WOUSConnections_FacingN.jpg

Photo 3



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

10:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

50

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Masput P. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220401-182934.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 4, 2022, 2:40:31 PM

Date of Log

Apr 4, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:45

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Vegetation clearing / weed maintenance**
- 2. Hand tools / hand pulling**
- 3. Crew of 8 + Caesar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: SOSP, CASJ, ANHU, KILL, MALL, CALT, AMCR, HOFI, WCSP, CAKI, MODO, SAPH, ROPI, NRWS, AMCO, CAGO, WEBL, CAQU, CATH, PSFL, SPTO, BEWR, YRWA, RNDU, ACWO, COHA, Mitred Parakeet, COYE, CITE

Mammals: Ground Squirrel,

Reptiles/Amphibians: Side-blotched Lizard, Western Fence Lizard, Western Toad,

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew met at site and started working on section DG-3A

0845 crew broke for break

0945 started weed whacking bank in front of DG-3A

1145 crew broke for lunch

Photo 1



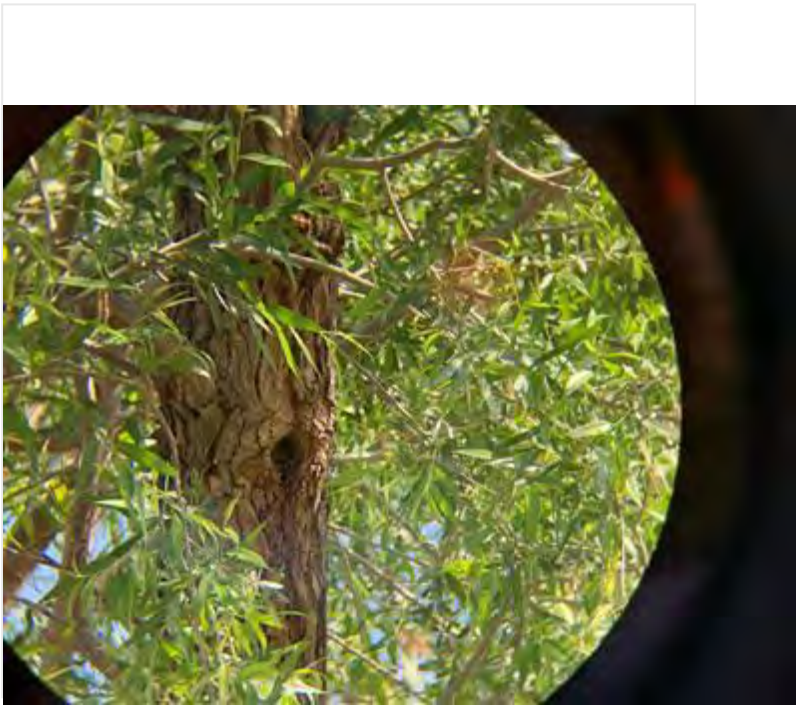
Vegetation_clearing_DG3A_facingNE.jpg

Photo 2



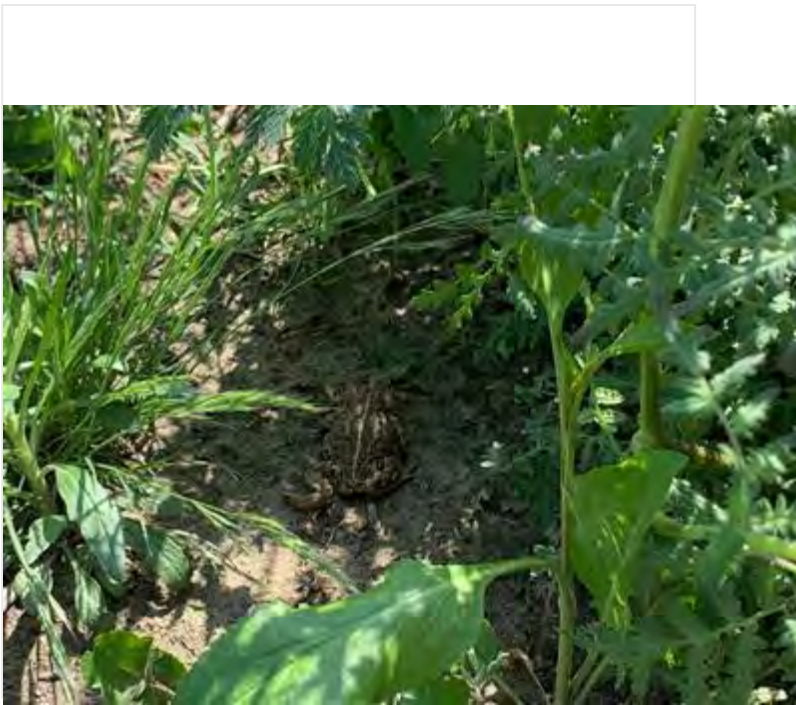
Chenopodium_Lepidium_on_slope_facingE.jpg

Photo 3



Potential_nest_cottonwood_facingN.jpg

Photo 4



Western_toad_bank_DG2.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

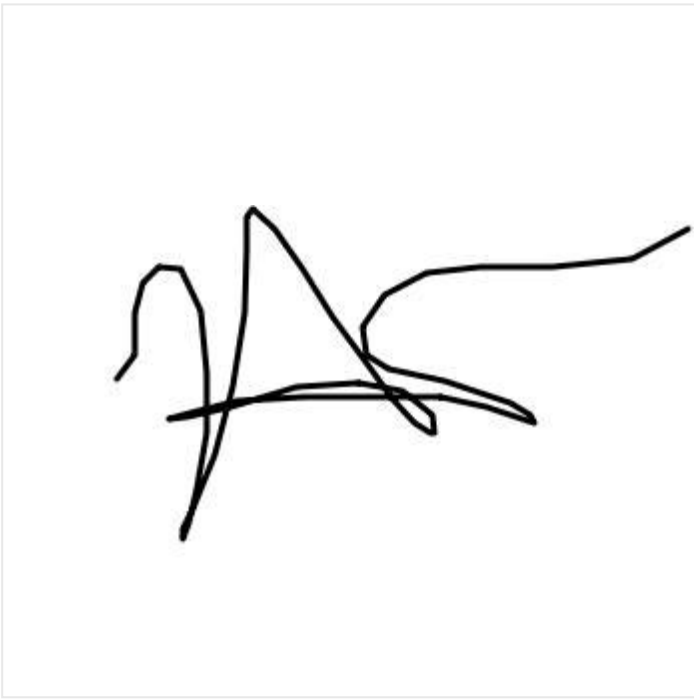
15

Additional Comments

What I believe to be an old nest is located in a cavity in the cottonwood to the southeast of the 2nd portajon at the trail intersection behind the green benches. Material can be seen inside the cavity but it seems unkempt, leading me to believe it is not currently in use.

A western toad was seen along the phacelia while walking the bank in front of DG-2. Any walking in the area should be done so carefully.

Signature



signature-20220404-214009.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 4, 2022, 6:27:40 PM

Date of Log

Apr 4, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 3 planting stakes in DG-4A and installing caps on open irrigation.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, NOMO, ACWO, SOSP, CASJ, AMCR, CAQU, COYE, SPTO, coyote, MODO, WCSP, BGGN, CANG, KILL, CITE, YRWA, PUFU, RCPA, BEWR, LEGO, ANHU, BUSH, NOFL, RNDU, NRWS, TUVU, BHGR, OATI, DEJU, WEBL, WBNU, AMRO, OCWA, CAKI, RTHA, California ground squirrel, fox squirrel.

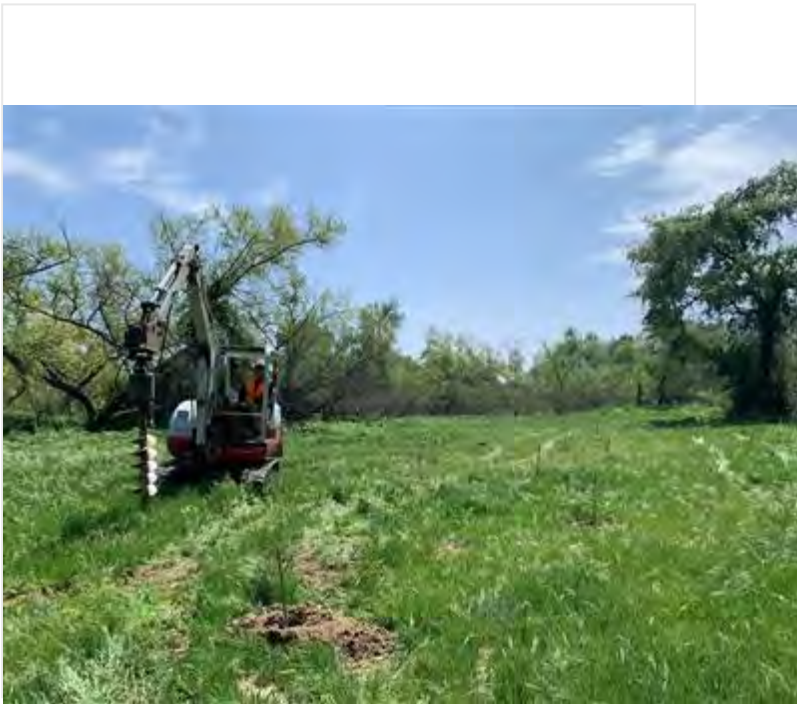
Did You observe any Non-Compliance Issues?

No

Log Entry

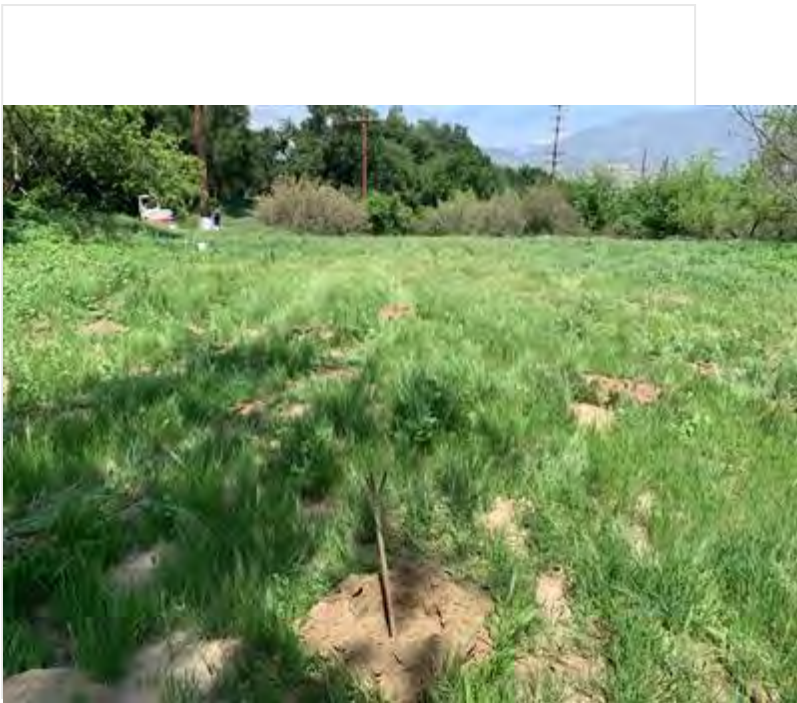
0630: surveyed site while crew set up. 0650: monitored installation of caps on open irrigation in the DG-4A section near boulder. Crew attempted to plant stakes using shovels, ground was too hard. Foreman Daniel Holmes began servicing excavator for use. 0818: found a CALT nest in DG-4. 1000:monitored digging with an excavator in DG-4A. Crew planted stakes as holes were dug. Every other hole was skipped for anticipated container plants. 1400: crew wrapped up and began watering newly planted stakes. Crew finished roughly 1/2 of the field south of DG-5.

Photo 1



photo_1-excavator_use_facingS.jpg

Photo 2



photo_2-staking_progress_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "N. H. W. #", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font with several sharp, angular strokes.

signature-20220404-182633.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 5, 2022, 1:48:32 PM

Date of Log

Apr 4, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 6 hand-pulling on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**COYE, BEWR, SOSP, CASJ, CALT, SPTO, BUSH, LEGO, ATFL, WIWA, WCSP, RCPA, NUWO, ACWO, PUF1
CANG, w fence liz, eastern fox squirrel, Ca ground squirrel, BGGN, CAQU**

Did You observe any Non-Compliance Issues?

No

Log Entry

**0630 continuing in DG-W-2-Mining Pit where they left off about ten days ago (34.193502°N 118.174163°W).
Waist-tall Conium and slightly shorter Hirschfeldia, Lepidium, Sonchus asper, Urtica urens in bottomland
planted area.**

Photo 1



photo_1-handpulling_DG-W-2-MiningPit_facingN.jpg

Photo 2



photo_2-done_pulling_DG-W-2-MiningPit_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

73

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S. A.', is centered within a white rectangular box. The signature is written in a cursive style with a horizontal line extending to the right.

signature-20220405-204812.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 6, 2022, 5:33:29 AM

Date of Log

Apr 5, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL RNDU COYE CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ACWO BEWR BUSH
OATI WEBL HOWR NOMO ANHU BEKI CAKI RSHA**

Reptiles: Western fence lizard, side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on DG-3A targeting grasses, mustard, pepper weed, lambs quarters and wild radish. One crew member uses the weed whacker on the eastern side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

1030: Biologist finds a CALT nest adjacent to DG-1. Adult is seen building a nest in an oak tree.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



CALT_nest_DG-1_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela Vanden". The signature is written in a cursive style with a large initial 'L' and a distinct 'V'.

signature-20220405-202930.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 5, 2022, 4:39:53 PM

Date of Log

Apr 5, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8; 3 harvesting stakes/working on irrigation, 5 prepping side slopes for hydroseeding.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAQU, BUSH, SOSP, SPTO, COYE, CALT, CANG, BEWR, PSFL, YEWA, ANHU, COHA, MODO, STEJ, ACWO, ALHU, YRWA, BHGR, CASJ, EUST, NOMO, NRWS, WTSW, NUWO, RCKI, LEGO, OSPR, WREN, OCWA, RCPA, CORA, AMCR, OATI, TOWA, BHCO, WCSP, CATH, RNDU, KILL, MALL, HOFI, BGGN, BEKI, ROPI, RTHA, CAKI, NOFL, San Diego gopher snake, desert cottontail, California ground squirrel, western fence lizard, common side blotched lizard.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed side slope (DG-7 temp impacts). 0635: cleared crew to work; Raul's crew was removing weeds for hydroseeding. 0645: accompanied Daniel's crew of 3 to south side (DG-4) to harvest stakes. Performed a preliminary survey, Updated nests FOHA_1 and ANHU_8. Moved further south to avoid these buffers. Noted a lot of bird activity on preliminary survey, closely supervised harvesting of each branch. 0830: found nest ANHU_09, logged in collector and advised crew to avoid. Daniel's crew then switched to irrigation work. 0900: supervised site prep in DG-7. 1030: photographed leftover dust monitoring stations at the request of Kieth Hala. 1130: resumed monitoring site prep. 1300: checked all nests on south side of site and updated their collector entries. 1400: crew began wrapping up pulling.

Photo 1



photo_1-before_prep_DG-7_facingS.jpg

Photo 2



photo_2-after_prep_DG-7_facingS.jpg

Photo 3



photo_3-stake_harvesting_facingSE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:10

Ending Temperature (°F)

74

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

Several YEWA observed/heard on southern half of site.

Signature

A handwritten signature in black ink, appearing to read "N. J. H. A. B. I.", enclosed in a thin black rectangular border.

signature-20220405-163809.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 8, 2022, 6:02:16 PM

Date of Log

Apr 5, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

51

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 5 hand-pulling weeds on west side of project area. DG-W-2 Mining Pit and adjacent DG-4.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, SOSP, COYE, BUOR, BUSH, BHGR, SPTO, ACWO, CATH, BGGN, NUWO, LISP, RCPA, CASJ, BTYW, CAQU, DEJU, COHA, ATFL, WEBL, CORA, AMCR, NAWA, OATI, NOMO, western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew continuing in area from yesterday, DG-W-2-Mining Pit, 34.193565°N 118.174178°W. Part of the slope is being weeded too (DG-4). I was watching the SPTO-1 nest site for any activity (seems likely abandoned), and a CALT is now bringing nest material to a location about 20 feet to the south (did not enter into collector). Will make entry in Field Maps. Confirmed that BUSH-11 is still active and the birds are adding to it this morning. 0900 SCE trimmers are working in oaks along access road just west of us (that section is out of project area but we occasionally track nests up there). LEGO are eating spiny sowthistles and unfortunately releasing more seeds at the same time. I advised the crew to manually tear off the tops of the thistle plants rather than hack the whole thing down. 1300 finally located a SOSP nest (SOSP-2) near BUSH-13, advised crew, flagged off 50 ft buffer. 1340 briefly relocated COYE female and male possibly seen last week, but lost her in the hemlock.

Photo 1



photo_1-hand-pulling_DG-W-2_MiningPit_facingN.jpg

Photo 2



photo_2-hand-pulling_DG-W-2_MiningPit_facingN.jpg

Photo 3



photo_3_bundles_ok_for_tomorrow_DG-W-2_MiningPit_facin...

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'L. H. M.', is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220409-010039.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 6, 2022, 3:25:36 PM

Date of Log

Apr 6, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL RNDU AMCO COYE AMPI KILL CALT CATH YRWA CASJ HOFI AMCR CORA RCKI
ACWO BEWR BUSH OATI WEBL HOWR NOMO ANHU**

Reptiles: Western fence lizard, side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the side slopes targeting grasses, mustard, pepper weed, lambs quarters and wild radish. One crew member uses the weed whacker on the eastern side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

1050: Biologist finds a KILL nest within the sideslope boundaries. A 50 ft buffer is established around the nest.

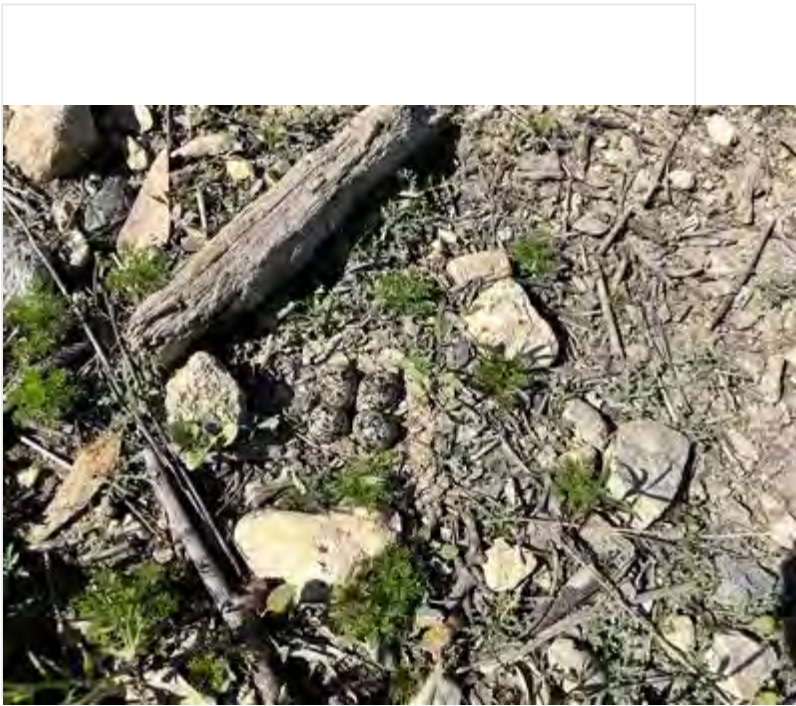
1110: One crew member works conditionally within the 50 ft buffer using a line trimmer. Biologist monitors from a distance to insure the bird is not getting stressed from work activities.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



KILL_nest_eastern_sideslopes.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

90

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, reading "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L" and a long, sweeping underline.

signature-20220406-201449.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 6, 2022, 2:29:58 PM

Date of Log

Apr 6, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

60

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 5 hand-weeding in DG-W-2, crew of 5 weeding side slopes along west side, and 3 installing irrigation connection in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SOSP, NOMO, CASJ, CALT, CATH, SPTO, WCSP, WIWA, GREG, BEWR, BGGN, YRWA, OCWA, MODO, ANHU, CAQU, LEGO, COYE, RTHA, ACWO

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 met with crew and they got tools together. 0645 walked to Mining Pit where crew was working yesterday. Crew aware of new nest buffers and respecting boundaries. Mike sweeping area that other crew will be weeding on the side slopes then I will cover both crews. 0700 Joined Mike at side slopes and nest searched. Asked foreman (Raul) to weed just beyond the slope to the shrub/treeline to avoid weeds seeding down the slope. SOSP pair active nearby but no nest found yet. CASJ collecting nesting material and disappearing into large patch of mulefat. Hopped back and forth between two weeding crews. Mining Pit crew is advancing slowly. 0930 observed BUSH-12 while two crew members attached irrigation extension to existing pipe for hydroseeding. Observed regular nest visits. After second break, two guys from more experienced crew came to help the temps be more effective. Crew continued pulling until 1415.

Photo 1



Weeding_DGW2_facingE.jpg

Photo 2



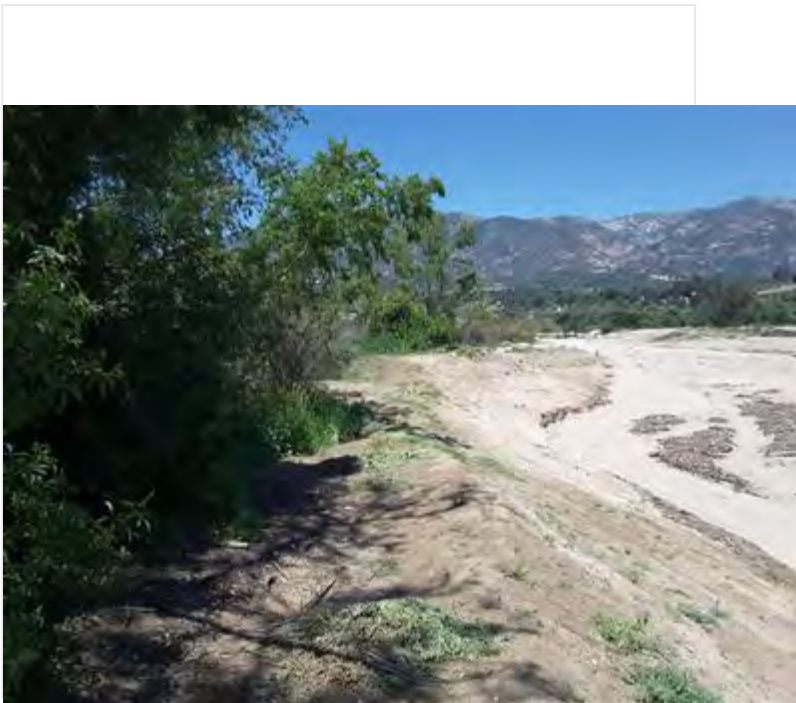
Weeding_SideSlopes_FacingN.jpg

Photo 3



DG-W-2_After.jpg

Photo 4



SideSlopes_After.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

95

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margaret P. Hill", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "M".

signature-20220406-212804.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 6, 2022, 5:54:54 PM

Date of Log

Apr 6, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 7 hand pulling the west basin slopes/fusing pipe in DG-4 WOUS/DG-4, and a crew of 4 planting stakes in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, SOS, BEWR, CATH, WCSP, CAQU, ACWO, CALT, SNEG, KILL, HOFI, HOOR, BGGN, CASJ, SPTO, RNDU, CASJ, WREN, ANHU, YRWA, NOMO, LEGO, OCWA, CANG, COYE, YEWA, WBNU, OATI, NRWS, MODO, PBGR, AMCO, NRWS, MALL, COHA, BUSH, CORA, AMCR, RTHA, California ground squirrel, common side blotched lizard, western fence lizard, western toad, desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed the basin slope for Raul's crew of 7 on the east side. Margie Pfeffer took over monitoring this crew after she finished surveying the mining pit and getting the weeding crew set up. 0730: monitored planting crew. Crew was digging holes for stakes in DG-4A south of DG-5. 0845: surveyed the eastern end of the horse trail (DG-4 WOUS, DG-4) for nests so that 2 crew members could set up an irrigation connection for the upcoming basin hydroseeding. 0900: surveyed area south of crew (in DG-4) for YEWA nests. Several males singing near where crew plans to work in coming weeks. No nests or nesting behaviors were observed. 1130: resumed monitoring planting. Flagged out locations to plant in for crew. 1420: crew began working on watering newly planted stakes while I photographed and inspected the site.

Photo 1



photo_1-before_weeding_slope_facingS.jpg

Photo 2



photo_2-after_weeding_slope_facingS.jpg

Photo 3



photo_3-hydroseeding_hookup_facingW.jpg

Photo 4



photo_4-newly_planted_willows_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

95

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "M. A. West".

signature-20220406-175113.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 7, 2022, 2:30:51 PM

Date of Log

Apr 7, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

1 Weeding restoration area

2 hand tools

3 Natures image crew of 4, Oscar as foreman

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BHGR, CASJ, SOSP, RCPA, COYE, OCWA, NOMO, WCSP, BUSH, ACWO, BEWR, CATO, CAQU, LEGO, SPTO, ANHU, desert cottontail, western fence lizard, CATH, YRWA, HOFI, OATI, cabbage white, MODO, BUOR, common buckeye, California ground squirrel, monarch, mournful dusky-wing, CAGO, Eriodictyon crassifolium, Descurainaea pinnata, Camissoniopsis micrantha, Eucrypta chrysanthemifolia, Phacelia species (2), Erigeron [Conyza] canadensis, Solanum xantii, Xanthium strumarium, eastern fox squirrel, NUWO, orange sulphur.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0650 Prep and tablet practice regarding nest buffers with Mike Walsh. 0650-0735 Checked yesterday's weed piles for any wildlife in Mining Pit. None found. Saw SOSP enter SOSP/BUSH nest buffer from south. Tarping of old piles. 4 crew members. 0735 Weeding begins in Mining Pit. Half crew continues to tarp old piles in Mining Pit. 0800 Most of old tarping done. Weeding continues on east and west sides of Pit, avoiding flagged nest buffer. SOSP singing in nest buffer. 0945 Crew moved to shaded NE portion of Pit to avoid hot sun while weeding. 1050-1120 Lunch break (earlier now). Temperature rises to 80's F. 1120- 3 crew members. Continue weeding NE portion of Mining Pit. Dominants are poison hemlock, black mustard, and non-native pepperweed, 1315 2 of the 3 remaining crew members begin tarping weed piles. 1400 End weeding in NE corner of MiningPit.. Continue tarping. 1430 End tarping. Finalize tablet entries.

Photo 1



photo_1-20220407-lookingNbefore.jpg

Photo 2



photo_2-20220407-lookingNafter.jpg

Photo 3



photo_3-20220407-lookingNEbefore.jpg

Photo 4



photo_4-20220407-lookingNEafter.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

99

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Devin Zofch". The signature is written in a cursive style with a large initial 'D' and 'Z'. The text is centered within a white rectangular box.

signature-20220407-212946.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 8, 2022, 12:39:27 PM

Date of Log

Apr 7, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

63

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 11 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL RNDU AMCO AMPI KILL CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ACWO
OATI WEBL HOWR NOMO ANHU**

Reptiles: Western fence lizard, side-blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the side slopes targeting grasses, mustard, pepper weed, lambs quarters and wild radish. One crew member conditionally uses a weed whacker within the KILL-01 nest buffer. Biologist monitors behavior for signs of stress.

0715: Crew member finishes work around KILL nest.

0900: Crew takes a break.

0915: Crew returns to work on side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_eastern_sideslope_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

92

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela V. H. H. H.", enclosed within a thin black rectangular border. The signature is written in a cursive, flowing style.

signature-20220407-210527.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 7, 2022, 6:40:50 PM

Date of Log

Apr 7, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 7 planting stakes and clearing vegetation in DG-4A, crew of 4 clearing vegetation on the west basin slope.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CANG, ACWO, RCPA, OCWA, SPTO, COYE, CORA, WCSP, BUSH, LEGO, CALT, CASJ, BGGN, ANHU, RTHA, WCSP, RTHA, BEWR, ALHU, KILL, Desert cottontail, western toad, western fence lizard, common side blotched lizard, coastal whiptail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed the basin slope for nesting birds, cleared basin crew to work. They continued south removing nonnative plants, dominant weed was *Chenopodium album*. Found extensive *Persicaria maculosa* infestation on southern edge of bank far ahead of crew, not 100% sure of ID, planning to key out next time I'm in the field.
0645: monitored stake planting in DG-4A south of DG-5. Crew continued south. Surveyed for birds. 2 crew members used line trimmers to remove *Festuca myuros* and *Bromus madritensis* which was obscuring the irrigation lines. 0730: flagged location of plants for crew using white and red flags; spaced ~10 feet apart. Measured by using paces. Gaps were left for eventual arrival of container plants, which were flagged with other colors than the aforementioned ones until we ran out. Bounced between both crews for remainder of day.
1440: crews began wrapping up planting/ weeding and focused on irrigation and cleanup.

Photo 1



photo_1-before_staking_DG-4A_facingE.jpg

Photo 2



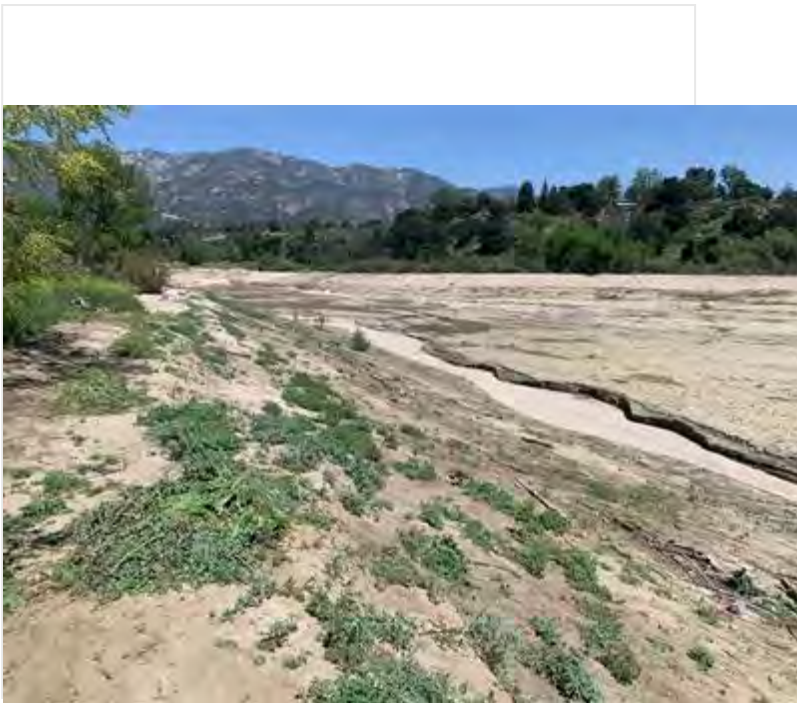
photo_2-after_staking_DG-4A_facingE.jpg

Photo 3



photo_3-staking_progress_DG-4A_facingS.jpg

Photo 4



photo_4-basin_slope_weeding_prep_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

93

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "N. J. H. W. H. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220407-183839.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 8, 2022, 8:46:51 PM

Date of Log

Apr 8, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

68

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and one line trimmer.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA AMCO MALL RNDU AMCO OSPR KILL CALT CATH YRWA CASJ HOFI AMCR CORA RCKI ACWO
OATI HOWR NOMO ANHU**

Reptiles: Western fence lizard, side-blotch lizard

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Half of the crew begins work on the side slopes targeting grasses, mustard, pepper weed, and lambs quarters. The other half of the crew works in DG-2 targeting mustard and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1030: All the crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2

1500: Crew stops work for the day.

Photo 1



DG-2_crew_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

94

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, reading "John Updegraff", centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220408-194501.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 8, 2022, 2:49:21 PM

Date of Log

Apr 8, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

60

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 8 planting cuttings in DG-4A and checking irrigation throughout the west side.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ANHU, SOSP, CALT, CASJ, SPTO, OATI, BUSH, AMCR, CAQU, HOFI, LEGO, COYE, YRWA, YEWA, BEWR, CA striped racer

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Met with crew and foreman. 0745 walked planting area in DG-4A (primrose). Two crew members began weedwacking to clear ground for planting. Third crew member prepped holes and berms. Foreman and four other crew are carrying veg tarps from previous day to dumpster. 0730 Foreman and three crew flag out mulefat/willows and prep holes and berms. Two crew spent the rest of the day checking/fixing irrigation, starting at the north end and moving south. After lunch, crew stopped weedwacking and began planting cuttings. 1330 YEWA in tall willows where there are observation points in FieldMaps. No sign of nesting. 1400 irrigation crew rejoined to help clean up and finish planting. Monitor left at 1420.

Photo 1



WeedwackingDG4A_FacingS.jpg

Photo 2



InstallingCuttings_DG4A_FacingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

98

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Margaret P. Pfl".

signature-20220408-212020.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 11, 2022, 2:42:43 PM

Date of Log

Apr 11, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

70

Construction Activity and Personnel

NI, Daniel Holmes forman, Nick, Genero, Edwardo. Using electric auger, digging rods (manual) to make 18" deep holes for willow/mulefat stakes.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

yellow warbler singing in willows west of reservoir and in the southern site, ~ 4 individuals. COYE, ANHU, CSJA, SOSP, CALT, CATH, SPTO BEWR, HOWR, OATI, WCSP, BUSH, BHGR, PUF, HOFI, RWBL, WTSW, COHA, NRWS, CLSW, BARS, VGSW, KILL, CANG, LEGO, RCPA NUWO, ACWO, SNEG, AMCO, CITE, MALL RNDU, CAQU, Multiple western toads.

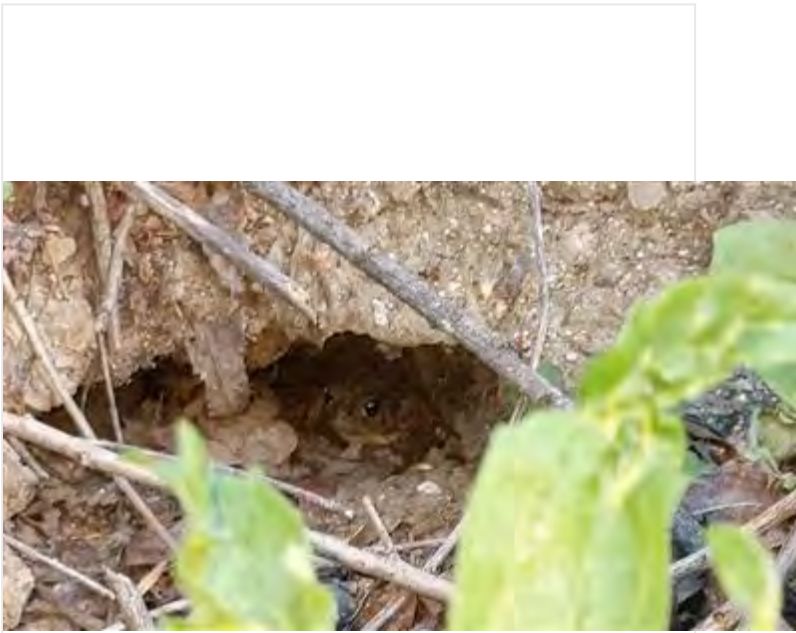
Did You observe any Non-Compliance Issues?

No

Log Entry

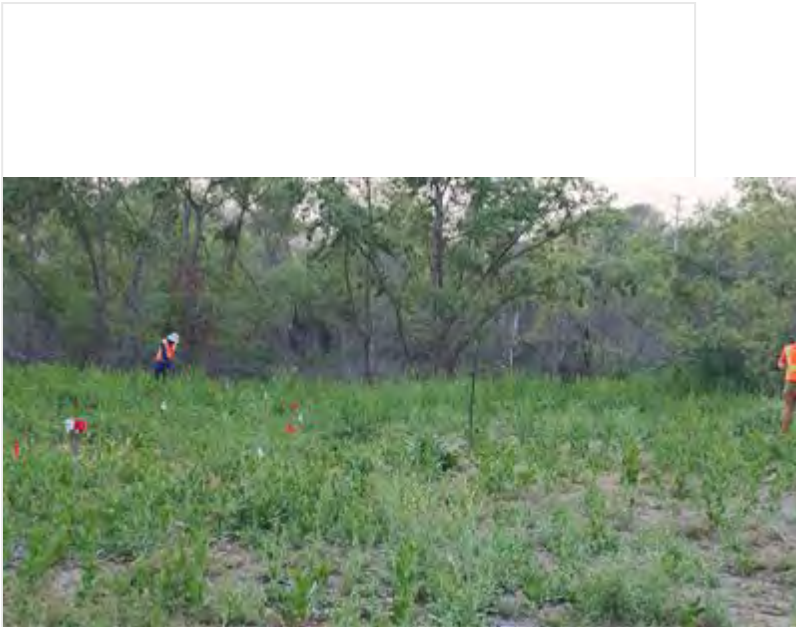
700 crew begins laying out pin flags in mulefat (red) and willow (w) DG4A. There are many (counted 6) western toads in the damp vegetation and the crew will avoid areas with burrows. Lots of ladybug pupae and adults throughout the area. Spent all morning with crew watching bird activity. Two YEWA males are countersinging in willow trees west of the site. Due to the compact upper site, the crew moves down to dig holes in the lower portion (photo 3) surrounding the planting area. At break, the crew unloaded seed for hydroseeding. 1000 crew installs dripline to stake holes. 1230 I go and update some nests while crew plants stakes in the same area.

Photo 1



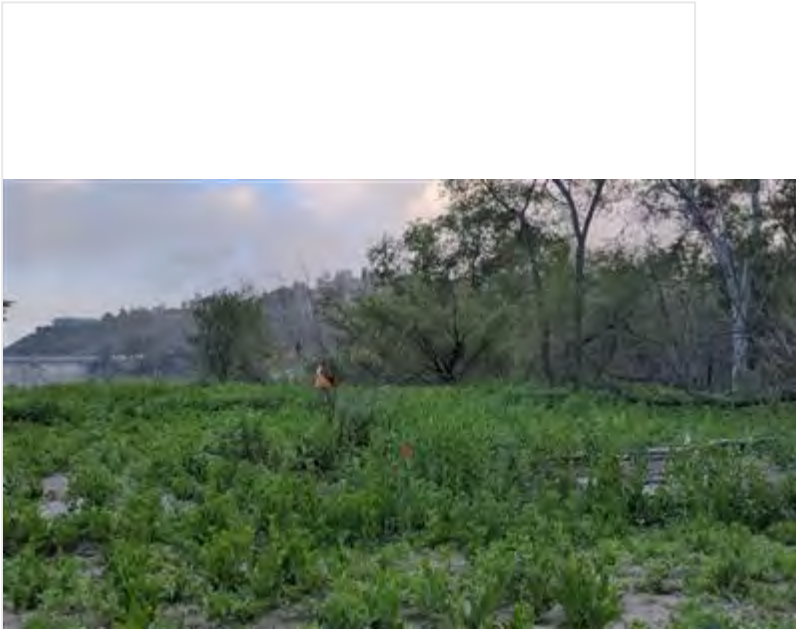
western toads in burrows and weeds throughout planting area...

Photo 2



DG4A mulefat and willow staking area (upper) looking west.jpg

Photo 3



DG-4A lower sw planting area mulefat and willow stakes looki...

Photo 4



Example of stakes some planted and irrigated by flagging.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

60

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

100

Additional Comments

This is a great crew! They are really hard workers and have a good eye for native and new plants.

Signature

A handwritten signature in black ink, appearing to read "B. W. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220411-214226.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 11, 2022, 10:38:04 PM

Date of Log

Apr 11, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA VGSW BARS RWSW GREG WIWA AMCO MALL RNDU AMCO KILL CALT CATH YRWA CASJ HOFI
AMCR CORA RCKI ACWO OATI HOWR NOMO ANHU**

Reptiles: Western fence lizard, side-blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-2 targeting mustard, lambs quarters, pepperweed and poison hemlock.

0900: Crew takes a break.

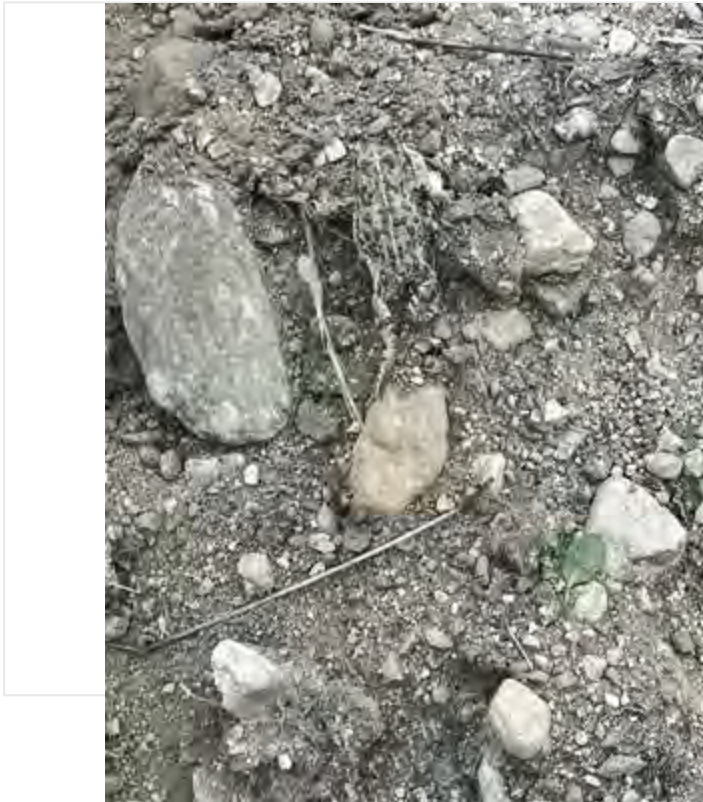
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2

1500: Crew stops work for the day.

Photo 1



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

64

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

100

Signature

A handwritten signature in black ink, appearing to read "L. Upm", enclosed within a thin black rectangular border. The signature is written in a cursive style with a prominent loop at the end.

signature-20220412-053755.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 12, 2022, 2:16:54 PM

Date of Log

Apr 11, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of four hand-pulling weeds on west side of project area, Oscar Ortiz foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, SPTO, NOMO, CALT, CASJ, BUSH, VGSW, NRWS, BGGN, WCSP, YRWA, NUWO, WBNU, CATH, OCWA, SOSP, ACWO, COYE, w fence lizard, LEGO, PUFI,

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 starting on S side of DG-W-2-Mining Pit (34.192731°N 118.174435°W). Starting along S side of channel/path with 5-ft tall Conium, plus Hirschfeldia, Lepidium lat., Rorippum, Sonchus, etc. I scoured the veg thoroughly before and during the weed-pulling along the channel. 0745 I investigated location from last week with CALT delivering material; new nest CALT_03 recorded very close to likely abandoned SPTO_01 nest. I continue surveying ahead of the weeding during the morning and after lunch. This immediate area appears free of nests.

Photo 1



photo_1_before_hand-pulling_facingNW.JPG

Photo 2



photo_2-20220411-211347.jpg

Photo 3



photo_3_after_hand-pulling_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

60

Ending Wind Range (MPH)

0-3

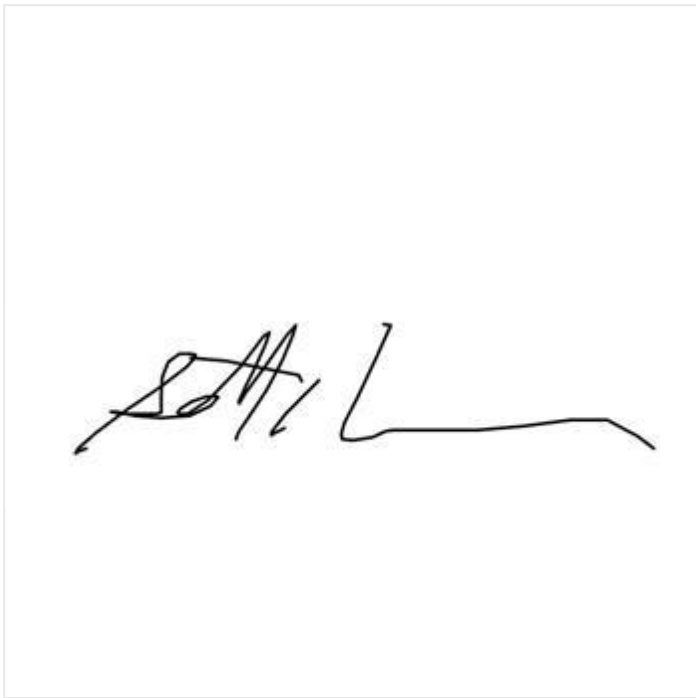
Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'SML', enclosed in a thin black rectangular border. The signature is written in a cursive style with a long horizontal stroke at the end.

signature-20220412-211620.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 12, 2022, 4:41:51 PM

Date of Log

Apr 12, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

49

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Augustine, Nick, Genero weeding with Lalo NI foreman, paulo, Lionel, and two others at DG 4 along the perimeter fence of the restoration area. Later they will weedwhack DG4A southwest of the perimeter fence

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

HOFI, NOMO,LEGO, SOSP, BEWR,ANHU,MOD0, PSFL, ATFL RCPA,SPTO,YRWA,YEWA,CALT,OATI, RTHA, NRWS BHGR,PUFI, WTSW, ALHU, many lizards active in afternoon, side-blotched, western fence and alligator (mating), small whiptail. Documented a beehive in downed wood, flagged nearby and put into field maps.

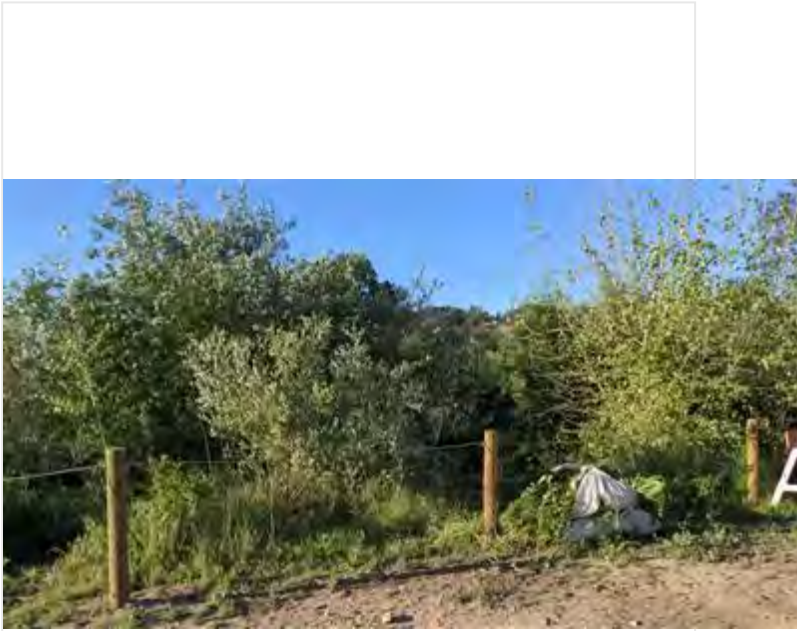
Did You observe any Non-Compliance Issues?

No

Log Entry

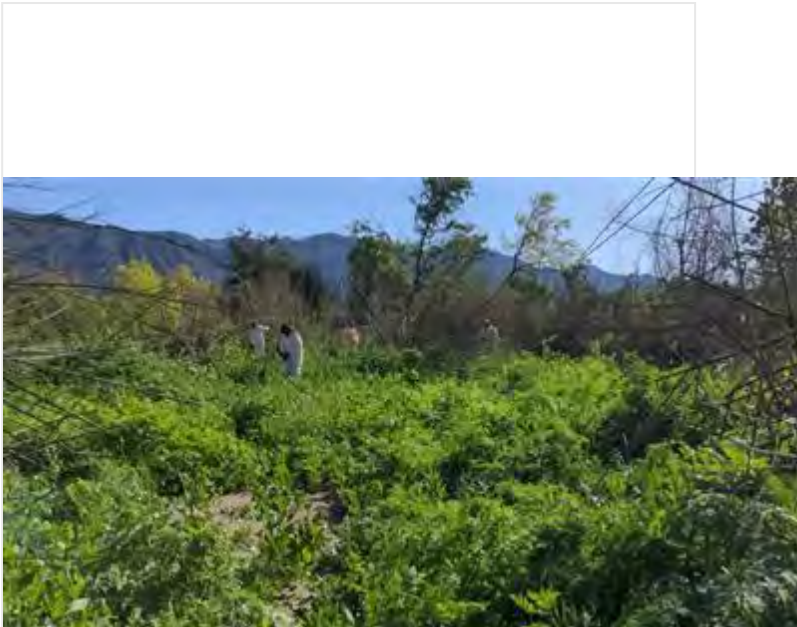
0615 Augustine, Nick, Genero weeding with Lalo NI foreman, Paulo,Lional, and two others at DG 4 along the perimeter fence of the restoration area. Dead limb on willow cracks due to wind. Daniel NI keeps crew out of trees. 900 am weeds are dry they weedwhack DG4A southwest of the perimeter fence and west of access trail. 1130 move south and hand hoe weeds west of "boulder"

Photo 1



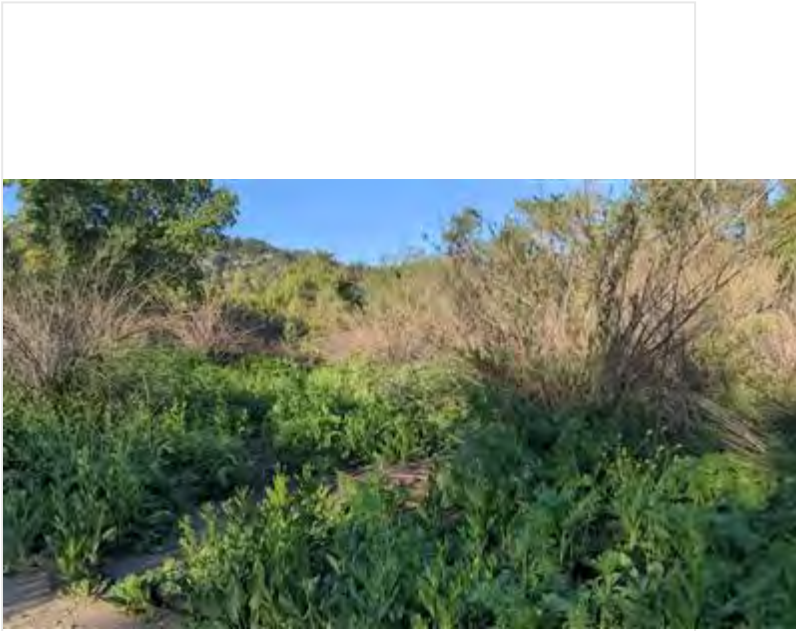
looking south weeding area along the perimeter fence of DG4....

Photo 2



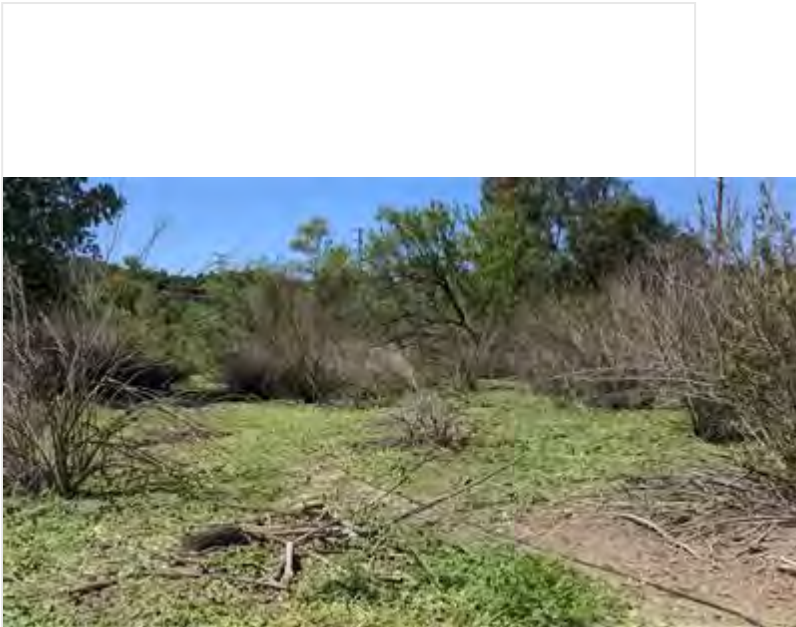
weedwacking crew takes down tall hemlock and mustard facin...

Photo 3



DG4A pre weedwhacking looking west from access trail.jpg

Photo 4



DG4A post weedwhacking facing west from access trail.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

25+ gusts


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Boris", is centered within a rectangular box. The signature is stylized and cursive.

signature-20220412-234129.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 13, 2022, 8:43:48 AM

Date of Log

Apr 12, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

10-12

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead. Scott Rose for partial day.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA WEME RTHA BARS RWSW AMCO MALL RNDU AMCO KILL CALT CATH YRWA CASJ HOFI AMCR
CORA RCKI ACWO OATI HOWR NOMO ANHU**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on western side slopes targeting lambs quarters, mustard, and pepper weed.

0710: Biologist finds killdeer nest within the basin of the reservoir. Establish a 50 foot buffer. Work activities are unlikely to impact the nest, however walking to work area could cause distress or harm to nest.

0850: Crew finds a dead baby rattlesnake on the side slopes. The cause of death is unknown but mortality does not appear to be work related.

0900: Crew takes a break. Scott Rose arrives to walk the site.

0915: Crew returns to work.

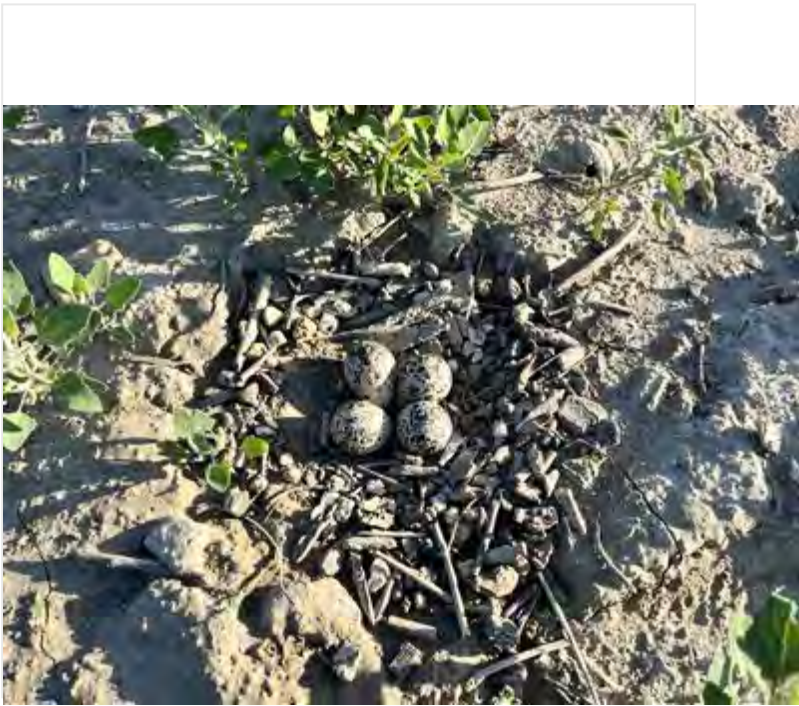
1130: Biologist sees an adult coastal whiptail near the western side slopes.

1200: Crew breaks for lunch.

1230: Crew returns to work.

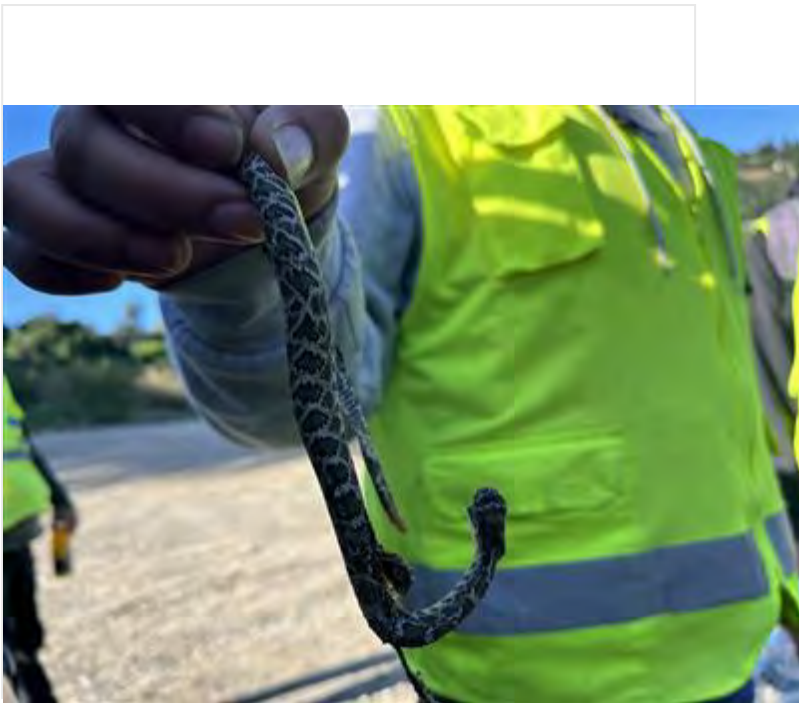
1500: Crew stops work for the day.

Photo 1



KILL-02_nest.JPG

Photo 2



Dead_rattlesnake_eastern_sideslope.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

100

Signature

A handwritten signature in black ink, appearing to read "John Walker", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end.

signature-20220412-205921.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 12, 2022, 2:13:12 PM

Date of Log

Apr 12, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

13-15

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image standard crew of 4 working with NI Orange County crew of 6 on hand-pulling of weeds on west side of project area, Daniel Holmes foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, SPTO, NOMO, CALT, CASJ, BUSH, WAVI, WCSP, YRWA, NUWO, WBNU, CATH, HOFI, SOSP, ACWO, COYE, w fence lizard, LEGO, BEWR, coastal whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 both crews work for about an hour in DG-W-2 Mining Pit but Daniel moves them out from under the willows due to high winds and large limbs that have already been observed falling. Crews move slightly southward into DG-W-2 Mining Pit Outlet (typical weeds: Conium, Lepidium, Hirschfeldia, Carduus, etc). Part of crew soon moves west and north to the DG-4 and DG-4C planted area between road and Mining Pit where treefall/branchfall is not an issue. No nests in these areas. CASJ-01 nest is inactive and buffer is removed. The Eriogonum elongatum(?) sprouts in this area look a lot like mustard, tricky at first but few were lost. Weeding work reaches northward roughly to main access trail to Mining Pit (34.193499°N 118.174432°W).

Photo 1



photo_1_handpulling_DG-W-2_MiningPitOutlet_facingN.jpg

Photo 2



photo_2_handpulling_DG-W-2_MiningPitOutlet_facingN.jpg

Photo 3



photo_3-DG-4_after_pulling_facingSW.jpg

Photo 4



photo_4_DG-4_after_hand-pulling_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

65

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "S. M. A.", is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220412-211046.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 13, 2022, 4:20:07 PM

Date of Log

Apr 13, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA BARS VGSW BHGR NRWS GREG CAGO LESA WESA BARS CLSW MALL RNDU AMCO KILL CALT
COYE CASJ HOFI AMCR CORA RCKI ACWO OATI HOWR NOMO ANHU YEWA**

Reptiles: Western fence lizard, side-blotch lizard, black racer

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on western side slopes targeting lambs quarters, mustard, smartweed and pepper weed. Two crew members use line trimmers.

0730: Biologist observes fledgling RTHA or RSHA hopping and exercising wings.

0900: Crew takes a break.

0915: Crew returns to work.

1105: Biologist observes that KILL-02 nest has hatched. Four healthy chicks are observed.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Empty_KILL-02_nest.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

69

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "John W. Ryan". The signature is written in a cursive style with a large initial "J" and a long, sweeping underline.

signature-20220413-205450.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 13, 2022, 2:05:30 PM

Date of Log

Apr 13, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 7 weedwacking and hand-weeding in DG-4A and DG-4.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAQU, CALT, SPTO, HOFI, desert cottontail, RCPA, CASJ, ANHU, YRWA, CANG, KILL, NRWS, TUVU, RTHA, GREG, BUSH, CATH, YEWA, WCSP

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 met with crews and foreman. Multiple crews focused on weeding today. 0645 walked edges of open DG-4A field at "Boulder." Observed one CALT near CALT-01 and reminded crew to avoid. 0700 Crew began weedwacking starting at west side moving east towards basin. Monitor noted willow trunk that fell during high winds. Asked Daniel to harvest cuttings from it and any others that fell in the last couple days before they die. 1000 Crew is nearing the edge of the basin. Asked foreman to have crew handpull Melilotus that has already gone to seed, and flowering mustard, hemlock along basin edge. 1215 two crew members harvested as many cuttings as possible from downed willow. Monitor found some viable seed and spread the trimmings over nearby bare ground in case seeds might germinate. 1350 crew stopped pulling and cleaned up tools.

Photo 1



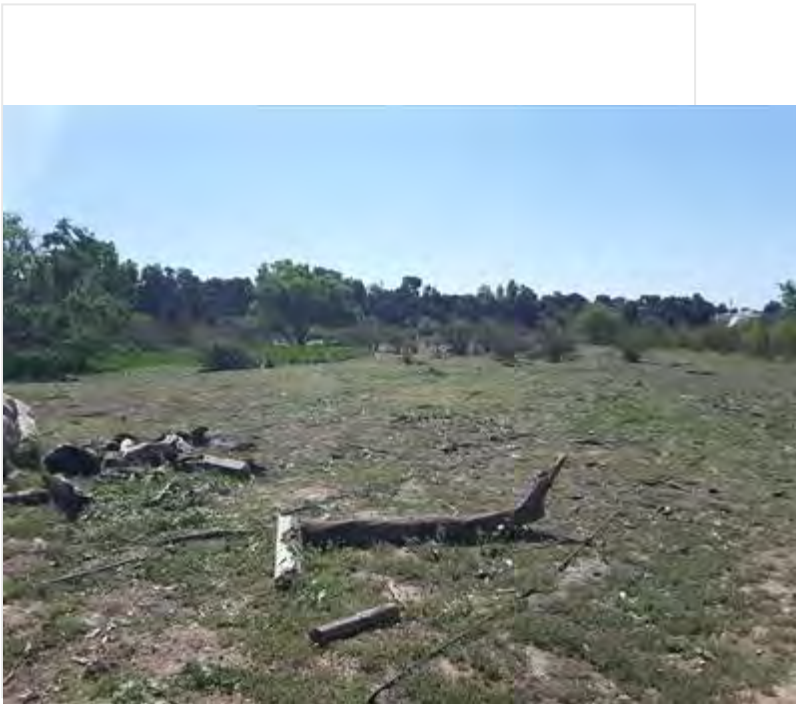
DG4A_Boulder_Before.jpg

Photo 2



DownedWillow_WillHarvest.jpg

Photo 3



photo_3-20220413-175152.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

No

Ending Time

14:00

Ending Temperature (°F)

68

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Margaret P. H.", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'M' and 'P'.

signature-20220413-210451.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 13, 2022, 3:45:36 PM

Date of Log

Apr 13, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

7-9

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 12 hand pulling poison hemlock, mustard and perennial pepperweed in DG-W-2 mining pit

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

COYE, WTSW, MODO, CASJ, RCPA, NUWO, AMCR, WCSP, SOSP, CALT, SPTO, NOMO, ACWO, PUFU, BHGR, BEWR, CAKI, KILL, OATI, BHCO, HOOR, CANG, NRWS, ANHU, CATH, YRWA, OCWA, LEGO, RTHA, California ground squirrel, common side blotched lizard, western fence lizard.

Did You observe any Non-Compliance Issues?

No

Log Entry

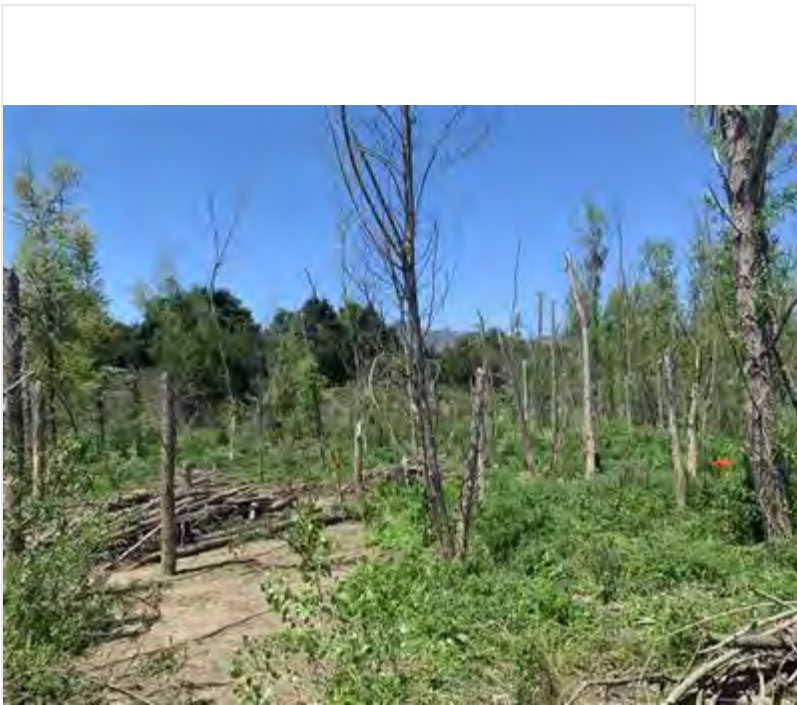
0630: surveyed work area while crew set up. Cleared crew to work. 0650: monitored vegetation clearing in the mining pit, starting south and heading north. Area was dominated by 6 foot tall poison hemlock, with large patches of native Phacelia sp. and poppies. Hand searched the areas of tall hemlock that crew was headed towards for nests. SOSP and COYE observed making territorial calls ahead of crew. Spent a significant amount of time looking for nests in their vicinity, none found. 1230: searched up the mining pit channel for nests, which is where the crew is planning to head after finishing the mining pit. 1300: RTHA observed flying overhead with nesting materials. Saw it dive into a tree northwest of the ASF nursery by a few hundred yards and return with no nesting materials; which is well out of our scope. 1420: crew began wrapping up pulling. Made significant progress, almost coming to the south end of the nearby CALT buffer.

Photo 1



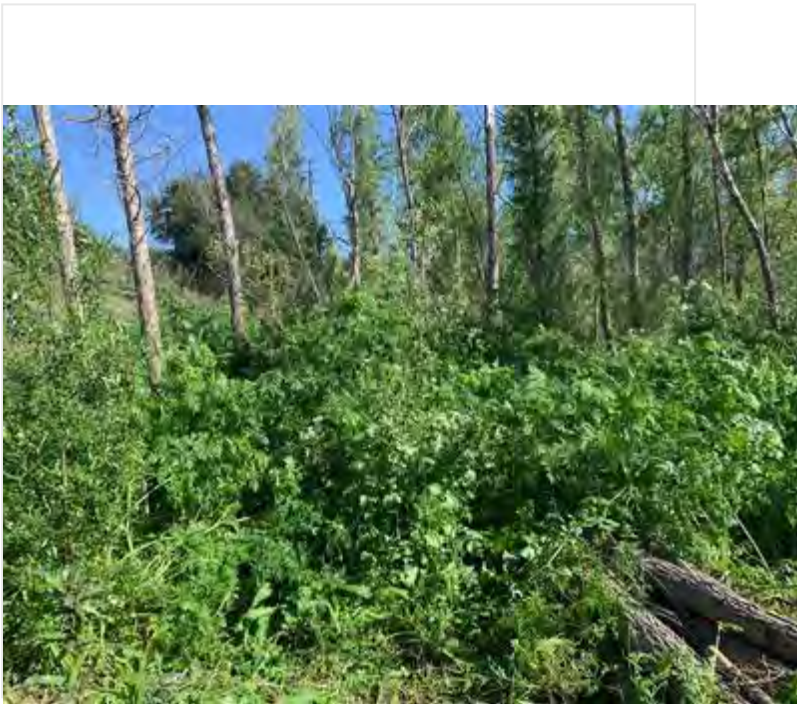
photo_1-pre_weeding_mining_pit_facingNW.jpg

Photo 2



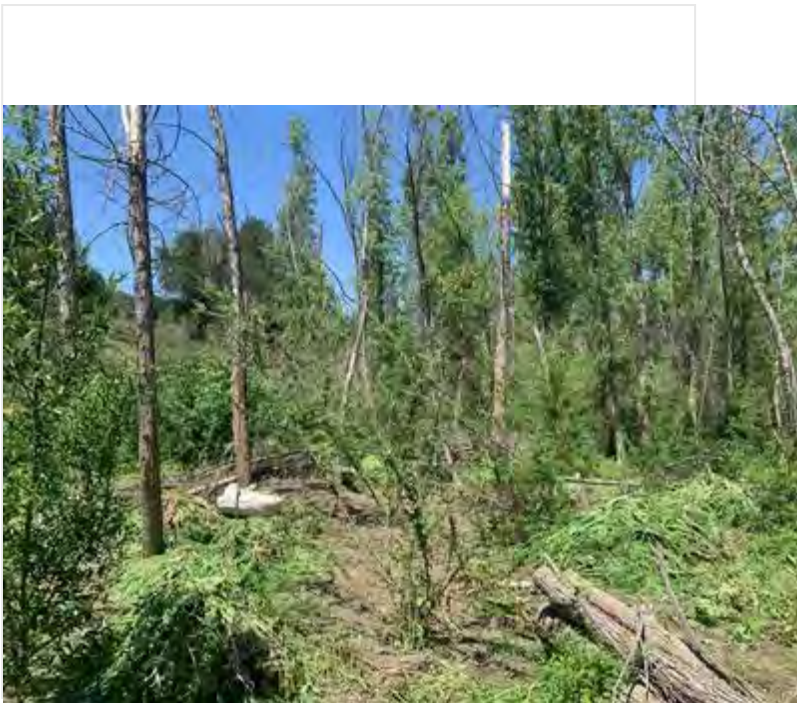
photo_2-post_weeding_mining_pit_facingNW.jpg

Photo 3



photo_3-pre_weeding_mining_pit_facingN.jpg

Photo 4



photo_4-post_weeding_mining_pit_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

68

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "W. J. [unclear]", written inside a rectangular box.

signature-20220413-154347.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 14, 2022, 1:56:43 PM

Date of Log

Apr 14, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 6 removing perennial pepperweed in DG-4A and DG-4 with weed whackers.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NUWO, CASJ, RCPA, SOSP, LEGO, YRWA, LISP, CAGO, HOFI, SPTO, ACWO, NRSW, TRSW, CAQU, CATO, MODO, monarch, common buckeye, CATH, KILL, BASW, CLSW, YEWA, cabbage white, BEWR, AMCO, BUSH, western fence lizard, OSPR, RNDU, gulf fritillary, Camissoniopsis sp., Amsinkia sp., Vulpia myuros (non-native), MALL, GREG, ANHU, California ground squirrel, western tiger swallowtail,

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0650 area assignments worked out. 0650-0700 shown 2 weeding sites in DG4A. 0700-0710 quick nest survey of area along wide path.. 0710-0845 hand weeding of area along wide path begun yesterday. 0710-0745 nest survey of meadow. 0845-1355 weed whacking of meadow area. 1230-1310 checked trees and shrubs south of meadow for nests. None found.

Photo 1



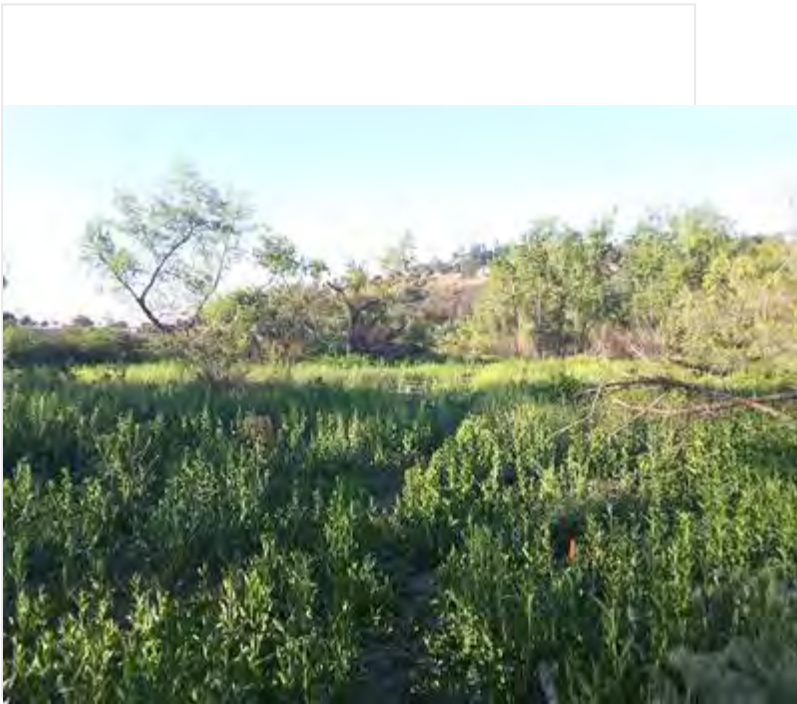
photo_1-20220414-DG4A-lookingSEbefore.jpg

Photo 2



photo_2-20220414-DG4A-lookingSEafter.jpg

Photo 3



photo_3-20220414-DG4A-meadow-lookingSbefore.jpg

Photo 4



photo_4-20220414-DG4A-meadow-lookingSafter.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:55

Ending Temperature (°F)

73

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "Dan Zepf".

signature-20220414-205609.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 16, 2022, 1:35:18 PM

Date of Log

Apr 14, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools and two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA BARS NRWS GREG CAGO LESA WESA BARS CLSW MALL RNDU AMCO KILL CALT COYE CASJ
HOFI AMCR CORA RCKI ACWO OATI HOWR NOMO ANHU YEWA**

Reptiles: Western fence lizard, side-blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on western side slopes targeting lambs quarters, mustard, smartweed and pepper weed. Two crew members use line trimmers.

0900: Crew takes a break.

0915: Crew returns to work.

1105: Biologist observes YEWA in DG-4A.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_sideslopes_west_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

69

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "John Wiley". The signature is written in a cursive style with a large, prominent "W". The signature is centered within a white rectangular box.

signature-20220414-201040.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 14, 2022, 4:28:45 PM

Date of Log

Apr 14, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 12 hand pulling poison hemlock, mustard and perennial pepperweed in DG-W-2 mining pit.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, ACWO, WBNU, CAQU, SPTO, SOSP, NUWO, RCPA, CALT, BUSH, NOMO, COYE, LEGO, OATI, CATH, HOFI, ANHU, OCWA, BHCO, WTSW, CAKI, AMCO, BEWR, EUCD, coastal whiptail, RTHA, SNEG, GREG, YRWA, COHA, western fence lizard.

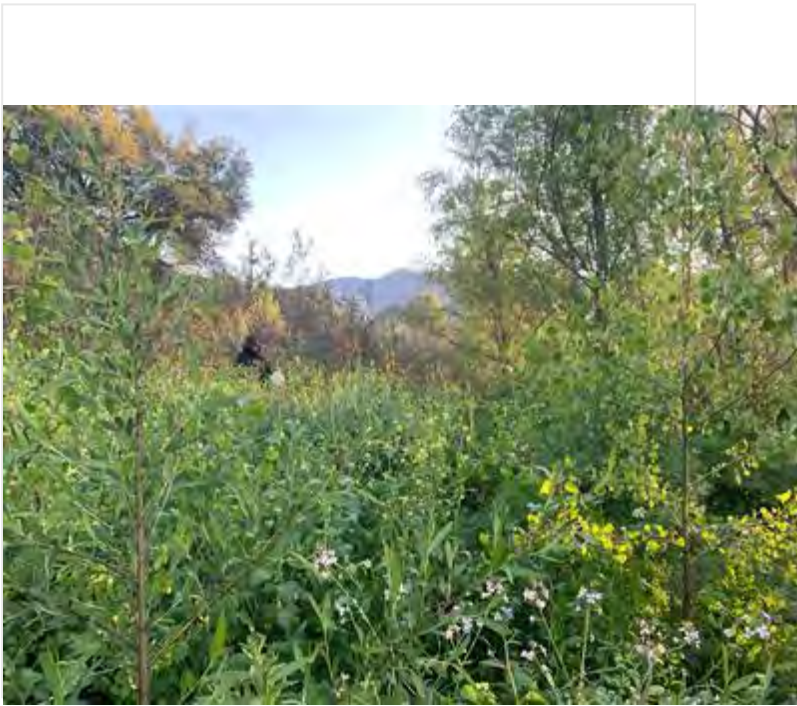
Did You observe any Non-Compliance Issues?

No

Log Entry

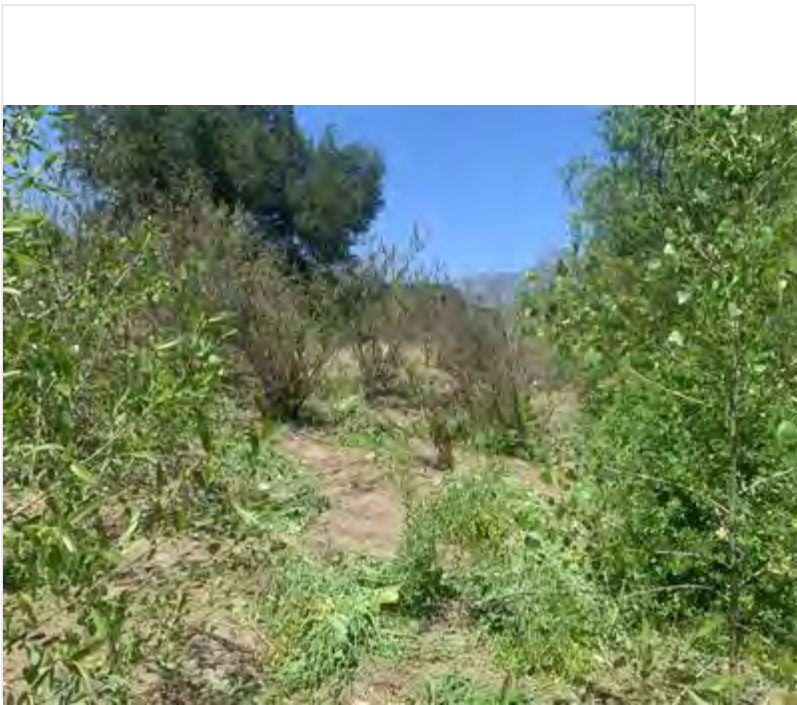
0630: arrived on site, performed a nesting bird survey in work area. Cleared crew to work. 0650: monitored vegetation clearing in DG-W-2 mining pit. Crew was continuing their northbound progression through the mining pit. Continued hand checking poison hemlock for crew. 0930: found a CATH with nesting materials. Followed it to a nest under construction just east of the mining pit; logged in collector as CATH_03. Crew is currently in no danger of disturbing nest due to distance. 0945: observed coastal whiptail in mining pit. Reminded crew to watch out for them and be careful where they stepped. 1400: inspected basin slope, heard YEWA in a location that was already logged. 1420: crew began wrapping up pulling u inspected the site.

Photo 1



photo_1-mining_pit_weeding_facingN_before.jpg

Photo 2



photo_2-mining_pit_weeding_facingN_after.jpg

Photo 3



photo_3-mining_pit_weeding_facingN_before.jpg

Photo 4



photo_4-mining_pit_weeding_facingN_after.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

66

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. P. [unclear]", is centered within a white rectangular box. The signature is stylized and somewhat illegible due to the cursive nature of the handwriting.

signature-20220414-162640.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 15, 2022, 2:56:59 PM

Date of Log

Apr 15, 2022

Monitor/Biologist

Nicholas (Cole) Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

**Vegetation removal on the southwestern bank.
Hand tools and 1 string trimmer used.
Crew of 10 + Cesar Olmos (Gothic Landscape).**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds:

California Towhee, Song Sparrow, Spotted Towhee, Annas Hummingbird, Allens Hummingbird, Great Egret, Killdeer, Canada Goose, Northern Rough-winged Swallow, Dark-eyed Junco, Bushtit, Turkey Vulture, Black Phoebe, Yellow Warbler, American Crow, Yellow-rumped Warbler, Ring-necked Duck, Nuttalls Woodpecker, Acorn Woodpecker, House Finch, Mallard, California Scrub Jay, Red-tailed Hawk

Mammals:

Fox squirrel, Ground squirrel

Herps:

Side-blotched lizard, Western fence lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 monitored vegetation clearing on the western bank

0810 YEWA observed

0845 Crew broke for break

1100 stopped trimming/veg removal and focused on trash and cut veg collection

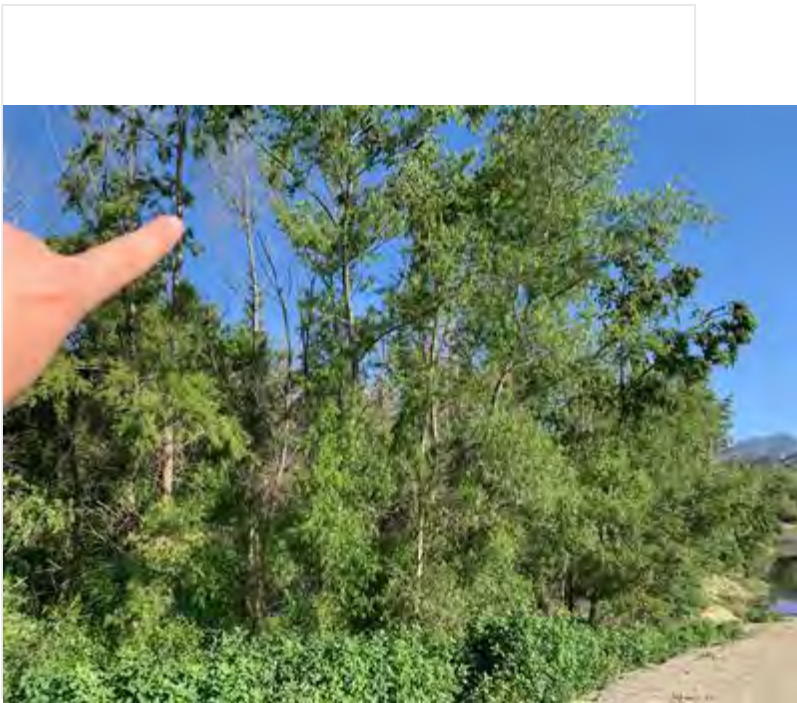
1145 broke for lunch

Photo 1



Vegetation_clearing_bank_near_DG4_facingN.jpg

Photo 2



YEWA_observation_location_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

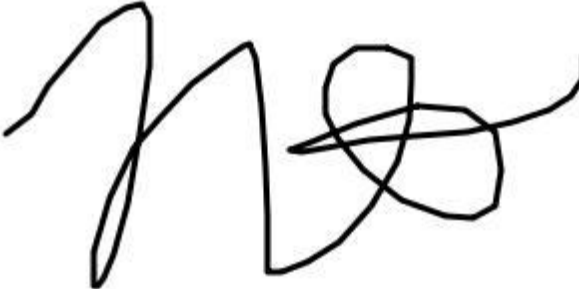
Ending Cloud Cover (%)

0

Additional Comments

Yellow Warbler was observed perched in a willow approximately 25 feet up on the edge of DG4 near the bank. No nest or nesting behaviors observed, therefore no buffer was put in place.

Signature

A handwritten signature in black ink, consisting of a stylized 'M' followed by a series of loops and a trailing flourish.

signature-20220415-215612.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 15, 2022, 3:50:00 PM

Date of Log

Apr 15, 2022

Monitor/Biologist

Michael walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 17 working on weeding in DG-4, DG-4A and cleanup.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

YEWA, RCPA, SOSP, SPTO, COYE, CASJ, CORA, CALT, CAQU, YRWA, RNDU, AMCO, NRWS, KILL, CANG, OCWA, NUWO, GRHE, GREG, ROPI, BARS, WESA, WCSP, RTHA, BHGR, NOMO, ALHU, BEWR, MALL, common side blotched lizard, desert cottontail, western fence lizard.

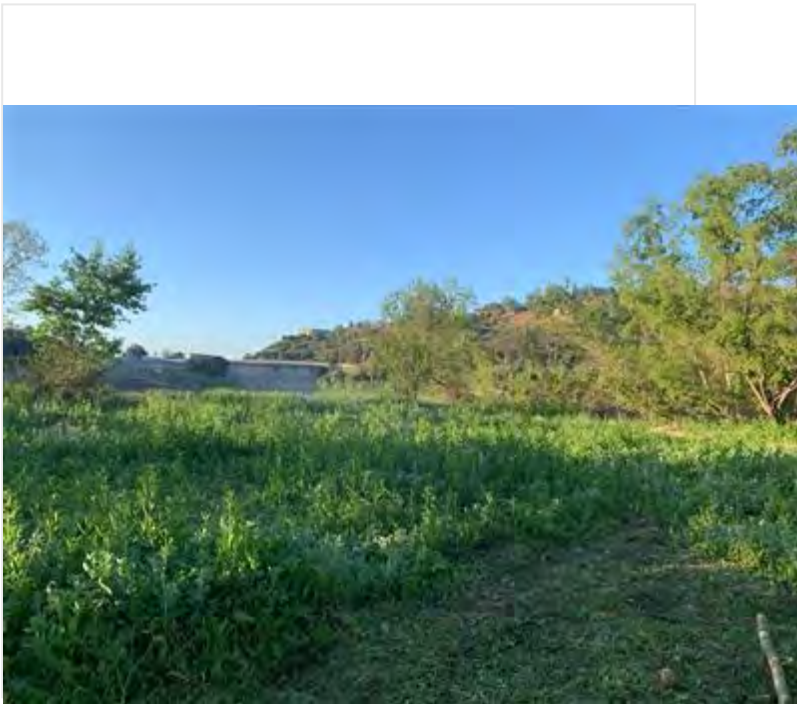
Did You observe any Non-Compliance Issues?

No

Log Entry

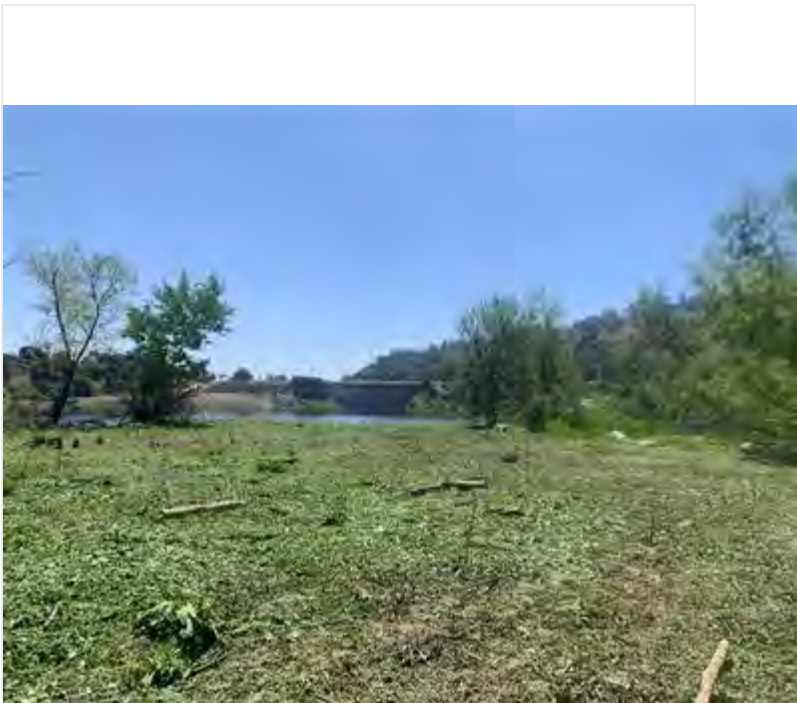
0630: arrived onsite, performed a nesting bird survey in DG-4A. Heard and mapped a YEWA territory, along with a newly discovered ANHU nest. Flagged off nest buffer and cleared crew to start. 0650: crew of 7 began weed whacking perennial pepperweed and Chenopodium album in DG-4/DG-4A. Crew was mostly in an open field. Flagged off an existing BUSH nest the crew was approaching, informed crew to avoid. Nest was still active. 10 crew members working on cleanup from previous week. 0930: crew began making their way into the planted section of DG-4 south of boulder field. Crew only used weed whackers in areas of pepperweed coverage, which had not yet gone to seed. 1030: all 17 crew members were merged into one area, 10 people not on weed whackers were assigned to hand pulling in DG-4 next to weed whacking crew. Primary targets were poison hemlock and sweet clover. 1035: found a CATH nest in DG-4. Area had been weedwhacked much earlier in week, the nest appeared to be a day or two old and lodged in a mulefat just east of one of the large DG-4A clearings. Area was flagged off and crew was informed. 1300: observed female YEWA hanging out in the newly located YEWA territory near a singing male. Both were foraging, but I only had eyes on them for ~1 minute. This was logged in collector as "YEWA female (paired?). " Will advise other bios to carefully check this area. 1320: crew began wrapping up while I inspected the site.

Photo 1



photo_1-DG-4A_before_weedwhacking_facingSE.jpg

Photo 2



photo_2-DG-4A_after_weedwhacking_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. W. A. S. T.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220415-154827.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 24, 2022, 9:31:17 PM

Date of Log

Apr 18, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

Daniel Holmes foreman NI. Crew Edwardo, Genero, Nick. Using hand tools digging auger, gas-powered auger briefly.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

YEWA, CASJ, CALT, SOSP, YRWA, RTHA, CAQU, COYE, OCWA, MALL, CANG, ANHU, COHA, BUSH, SPTO

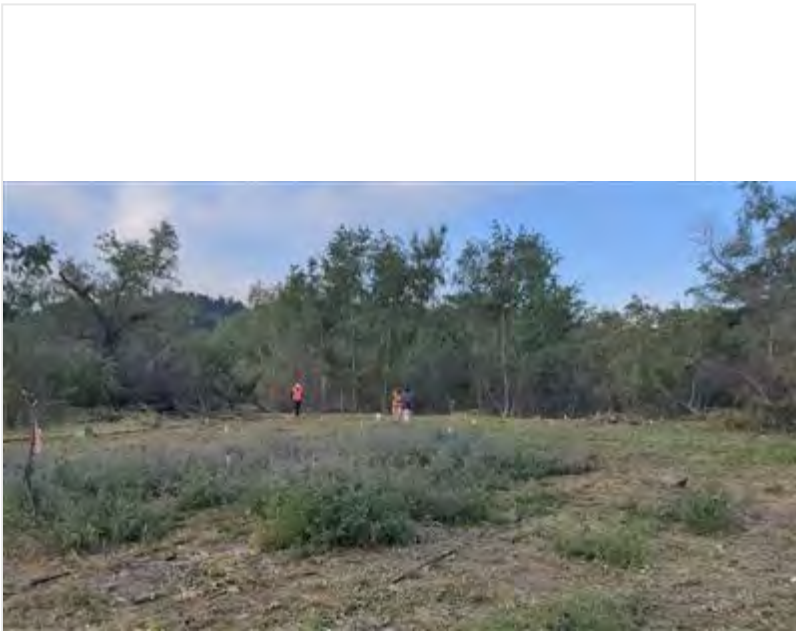
Did You observe any Non-Compliance Issues?

No

Log Entry

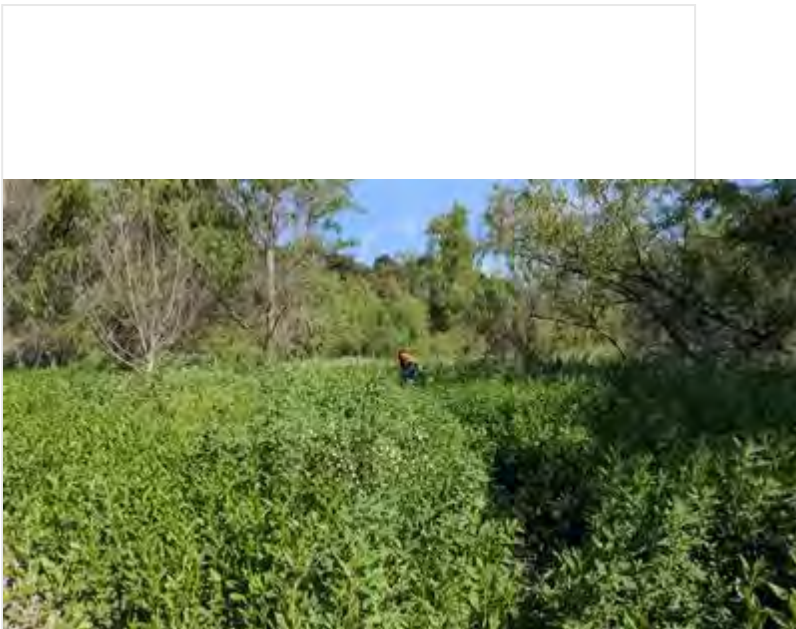
0700 monitor crew digging holes for stakes in DG4A photo1. CASJ still in area nest building and foraging. Ground is so compact they cant dig deep enough even with gas powered auger. 930, move to DG4A site 2 that has not been weeded. Ground is softer. Two male YEWA countersinging here, already mapped. females observed. Watch for disturbance. 1130 crew plants stakes an installs microlines. Updated a few nests, all active ANHU, COHA, BUSH. 1315 crew moves west toward trail in previously weeded area.1400 back to first site, crew digs deeper and plants more stakes. Jays still active in nest area

Photo 1



Stake planting DG4 area facing west.jpg

Photo 2



DG4A stake planting area looking west (primrose S).jpg

Photo 3



COHA roost site (urates on ground leaves) south of nest.jpg

Photo 4



Example of stake and irrigation installation DG4A (primrose S)...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

12:52

Ending Temperature (°F)

75

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

10

Additional Comments

CALT, SPTO bathing in stake puddles after installation, while crew still working, (primrose S) YEWA sing all day

Signature

A handwritten signature in black ink, appearing to be "H. W. S.", enclosed in a thin black rectangular border.

signature-20220418-211722.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 18, 2022, 5:33:37 PM

Date of Log

Apr 18, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA NRWS HOOR CAQU CAGO LESA WESA MALL RNDU AMCO KILL CALT CAKI WEKI CASJ HOFI
AMCR CORA RCKI ACWO SOSP HOWR NOMO ANHU BHGR**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail lizard

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-8 targeting lambs quarters, mustard, Erodium and grasses.

0900: Crew takes a break.

0915: Crew returns to work.

1055: Biologist observes coastal whiptail in DG-8.

1115: Crew starts working in DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Coastal_whiptail_DG-8_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

Observed special status species: coastal whiptail.

Signature

A handwritten signature in black ink, appearing to read "L. J. V. H.", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L".

signature-20220418-170434.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 22, 2022, 1:08:03 PM

Date of Log

Apr 18, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

5

Construction Activity and Personnel

Natures Image crew of 4 working on west side of project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NUWO, EUCD, SOSP, CALT, CASJ, CAQU, SPTO, YRWA, BHGR, BUSH, WIWA, NOMO, COYE, WBNU, CAKI, ATFL, coastal whiptail, BGGN, BEWR, HOFI, Ca gr squirrel, w fence liz, RTHA, ACWO, ALHU, ANHU, des cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew starts in Mining Pit (DG-W-2). Tall Conium, Hirschfeldia, Lepidium amongst planted mule fat, mugwort, willow, etc. CALT are active in this area and seem a little agitated at the work, but I've found other indications of nesting and search the area several times. One of the workers was mistakenly pulling mugwort and we advised them of the mistake. Canada horseweed starting to bolt; Rorippa sp. is the co-dominant native herbaceous species. Coastal whiptails are finally out and about. I entered a new CALT nest CALT-04 east of the channel - couldn't see actual nest but found the likely clump of poison hemlock growing in an inaccessible downed tree area where one of the agitated birds (likely female) keeps returning. Buffer extends into some of the pulled-weed zone from today.

Photo 1



photo_1-DG-W-2_MiningPit_facingSW.jpg

Photo 2



photo_2-DG-W-2_MiningPit_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A.', is written within a rectangular box. The signature is stylized and somewhat cursive.

signature-20220418-212404.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 19, 2022, 1:37:21 PM

Date of Log

Apr 19, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

70

Construction Activity and Personnel

NI Augustine and Lalo (foreman) irrigation checking crew, all of site. Genero, Nick planting stakes Daniel foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BHGR, LEGO, OCWA, SOSP, ACWO,NOMO,SPTO,MODO, AMCR, SOSP,ECDO, EUST, HOWR,CALT, CAQU, COYE, WBNU,ACWO, RCPA, BEWR, DEJU,YEWA, NRWS, BHCO in trap at S end. WTSW, MALL and 7 ducklings, AMCO, RNDU, ALHU,ANHU NUWO, OATI, PUFU, RSHA,,WIWA, CANG, HUVI,LEGO,PSFL, BGGN, CATH, RTHA, WAVI, YRWA still here.

Did You observe any Non-Compliance Issues?

No

Log Entry

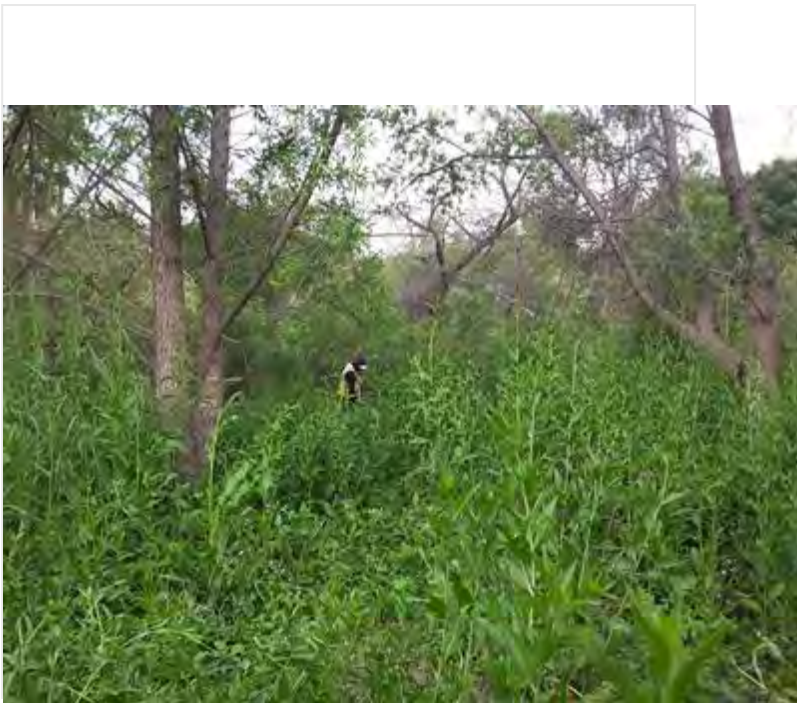
NI Lalo and Augustine, 0645 start at south end inspecting irrigation lines. Genero and Nick continue staking in same locations, primrose area DG4A. I go with irrigation team to monitor for potential nest disturbances .Update on ANHU_9 nest, female incubating. 1030 meet with planting crew to finish up area. 1130 walk area S of NI parking, and west DG4 of previously weed whacked area, to check for nests. Attempting clear for monitored weed whacking tomorrow. No nests found or birds flushed. Check on planting crew still planting stakes in same area. Irrigation team wraps up. Leave 1330.

Photo 1



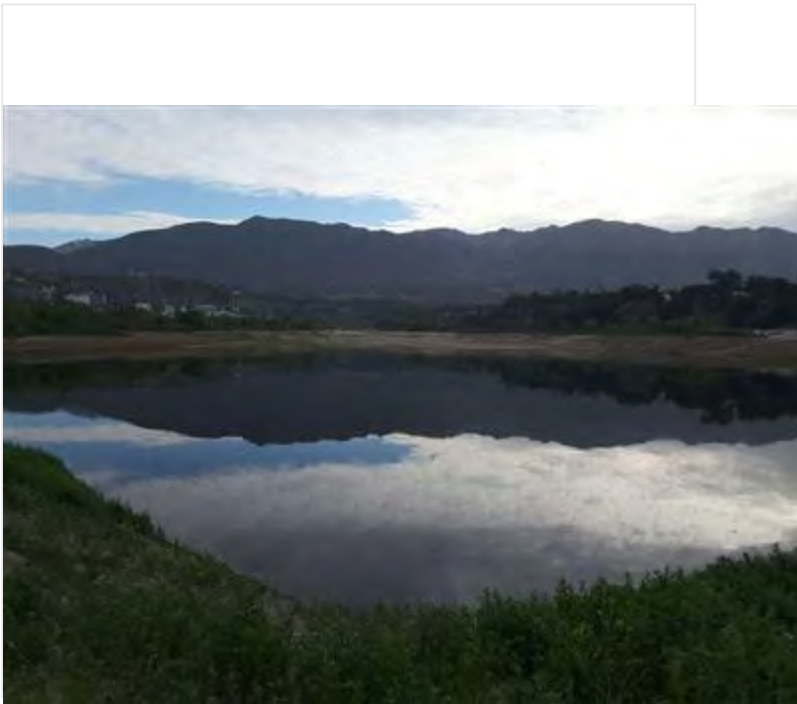
Cowbird trap at south end with 2 males and 2 females inside.jpg

Photo 2



South end weeds covering irrigation lines.jpg

Photo 3



most waterfowl is gone from the reservoir looking north from ...

Photo 4



DG4A near completed staked and irrigated area looking west.j...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:35

Ending Temperature (°F)

71

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "D. Smith", is centered within a white rectangular box. The signature is written in a cursive style with some loops and flourishes.

signature-20220419-203356.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 20, 2022, 1:23:50 PM

Date of Log

Apr 19, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

85

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA NRWS CAQU CAGO LESA WESA MALL RNDU AMCO KILL CALT CAKI SPTO CASJ HOFI AMCR
CORA RCKI ACWO SOSP HOWR NOMO ANHU BHGR NUWO**

Reptiles: Western fence lizard, side-blotch lizard, aligator lizard

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-8 and DG-1 targeting lambs quarters, mustard, Erodium and grasses.

0900: Crew takes a break.

0915: Crew returns to work.

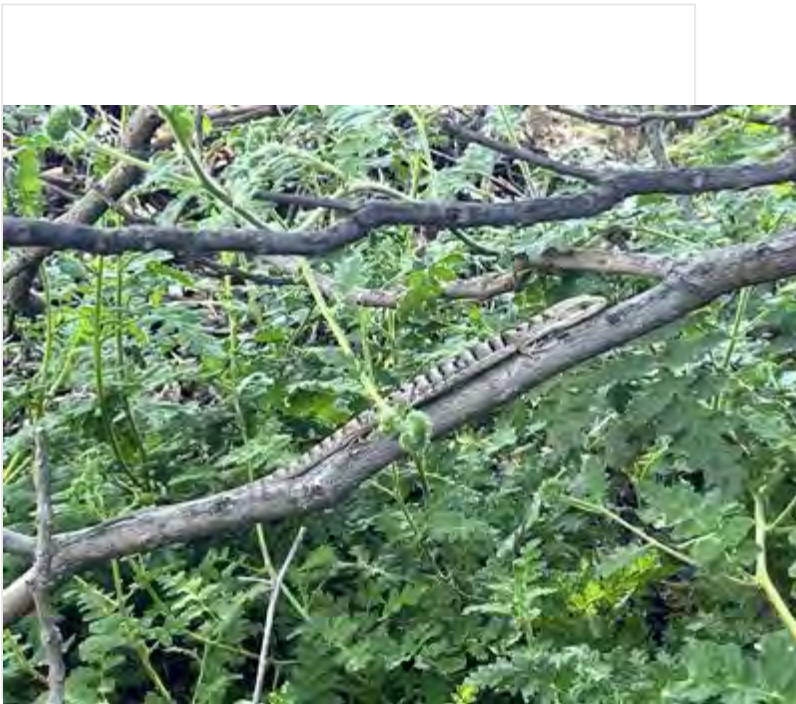
1035: Crew starts working in only DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Aligator_lizard_tree_DG-1.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

73

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "L. L. Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a horizontal baseline.

signature-20220419-211610.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 22, 2022, 1:25:07 PM

Date of Log

Apr 19, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 4 hand-pulling weeds on west side of project area, Oscar Ortiz foreman.

What Type of Monitoring is Being Conducted?

Construction Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Least Bell's vireo**

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

Initially heard singing from 7:08-7:18 at 34.192946°N 118.173714°W and then heard throughout the morning in same general location which is the large mule fat thicket on the east side of the Mining Pit. Doing standard song as well as occasional chatter and 'rambling song.' Unbanded. Only the one male with no females or other males, and he was not here yesterday because we worked at this location all day with no detection. Mule fat thicket is impenetrable and direct observation of the bird was mainly limited to when it was higher up in the willows. I marked a polygon of the observation zone in Collector.

Species Observed While Monitoring

RCPA, NUWO, EUCD, MODO, NOMO, SOSP, CALT, CASJ, CAQU, SPTO, WCSP, BHGR, BUSH, WIWA, COYE, LBVI least Bell's vireo, WBNU, CAKI, ATFL, coastal whiptail, alligator lizard, w fence liz, BGGN, BEWR, HOFI, PUF, Ca gr squirrel, LEGO, RTHA, ACWO, ALHU, ANHU, WAVI, desert cottontail, western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 resuming work in area from yesterday: east side of DG-W-2 Mining Pit. At about 7:08 I heard a least Bell's vireo singing in mule fat thicket directly to east (see below and in Field Maps). Most of the morning was spent tracking the bird and determining if there were others; it appears to be alone. Phone/texts to Lauren Simpson, Margie Pfeffer, and Mike Walsh. Lauren calls me back later to instruct us to work beyond the line of sight of the LBV, just in case we might be discouraging it to set up a territory. Crew moves further south along Mining Pit outlet, with one worker stying behind briefly to bag the rest of the piles.

Photo 1



photo_1-tarping_hauling_DG-W-2_MiningPit_facingE.jpg

Photo 2



photo_2_tarping_hauling_DG-W-2_MiningPit_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

79

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "S. H.", is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220422-202317.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 21, 2022, 5:40:40 AM

Date of Log

Apr 20, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CAQU LESA WESA KILL CALT CAKI SPTO CASJ HOFI AMCR CORA RCKI ACWO SOSP HOWR
NOMO ANHU BHGR NUWO HOOR**

Reptiles: Western fence lizard, side-blotch lizard, black racer

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-1 targeting lambs quarters, mustard, Erodium star thistle and grasses.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_weeding_DG-1_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

68

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

0

Additional Comments

Lightly sprinkling in the morning.

Signature

A handwritten signature in black ink, appearing to read "John Upton", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal flourish at the end.

signature-20220420-203206.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 20, 2022, 1:21:49 PM

Date of Log

Apr 20, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 10 weeding in DG-4, DG-4A, DG-SF1 and installing stakes and irrigation in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAQU, SPTO, ANHU, RCPA, CASJ, CALT, NUWO, MODO, NRWS, rattlesnake, western toad, ACWO, BHGR, COYE, HOFI, NOMO, CATH, YRWA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 met with crew and foremen. One monitor today, so keeping weeding crews close. Planting crew will be adding additional stakes to DG-4A field ("primrose"). Cleared area and am not concerned about nesting activity in the work area (see photo). 0700 Confirmed with ECORP that use of weed whackers is allowed outside the LBVI territory. Previous Monitor cleared yesterday and this Monitor rechecked. Also cleared east side of channel for 4-person hand-weeding crew. They are close enough to cover both. 0750 Weeding crew member found coiled rattlesnake in patch of poison hemlock. Still cool and not active so just advised they move several feet away and left the snake alone. 0900-0945 walked north towards LBVI territory to see if male is still there. Did not hear song, possibly hunkered down, let ECORP know. 0945 came back to crew. Weed whackers stopped so they could install irrigation control node. Planting crew moved nearby to install willow stakes just south of the staging area. 1000 observed BEWR pair with nesting material, recorded in Collector. 1130 After lunch, two guys went to check irrigation at far north end of DG-4. Hand-weeding crew moved north in channel, lots of flowering mustard and hemlock. Pepperweed still vegetative. 1315 crew stopped pulling and worked on removing piled veg and raking grass that was weedwhacked this morning (since it was flowering/setting seed).

Photo 1



PlantingStakes_DG-4A_FacingSE.jpg

Photo 2



HandWeeding_DGW2Outlet_FacingE.jpg

Photo 3



DG-W-2Outlet_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:20

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margot Pfeiffer", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop on the letter 'P'.

signature-20220420-201918.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 21, 2022, 2:39:07 PM

Date of Log

Apr 21, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

46

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

1 Restoration maintenance weeding with NI crew in DG-W-2 mining pit outlet

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**RCPA, SPTO, COYE, SOSP, CAGO, NOMO, BHGR, CASJ, ATFL, YRWA, BEWR, BUSH, NUWO, ACWO, ANHU!
CATH, VASW, NRSW, CATO, RTHA, MODO, CORA, LEGO, CAQU, COHA, cabbage white, western tiger
swallowtail, WTSW, EUST, YEWA, mourning cloak, coast whiptail, monarch, western fence lizard, cloudless
sulphur, common buckeye, desert cottontail.**

Did You observe any Non-Compliance Issues?

No

Log Entry

**0630-0645 prep and assignment. 0645-0700 checked for nests and native plants in DG-W2 MINING PIT OUTLET
[channel]. 0700- 1445 handweeding at same site, with checking of undergrowth on banks closely at 0900-0940
for nests. Working E to NE. 1250 small inactive nest found in dense mustard on NW bank of channel. Marked
with orange tape and put into Collector. 1345-1435 bagging of weeds. 1435-1440 finished tablet notes.**

Photo 1



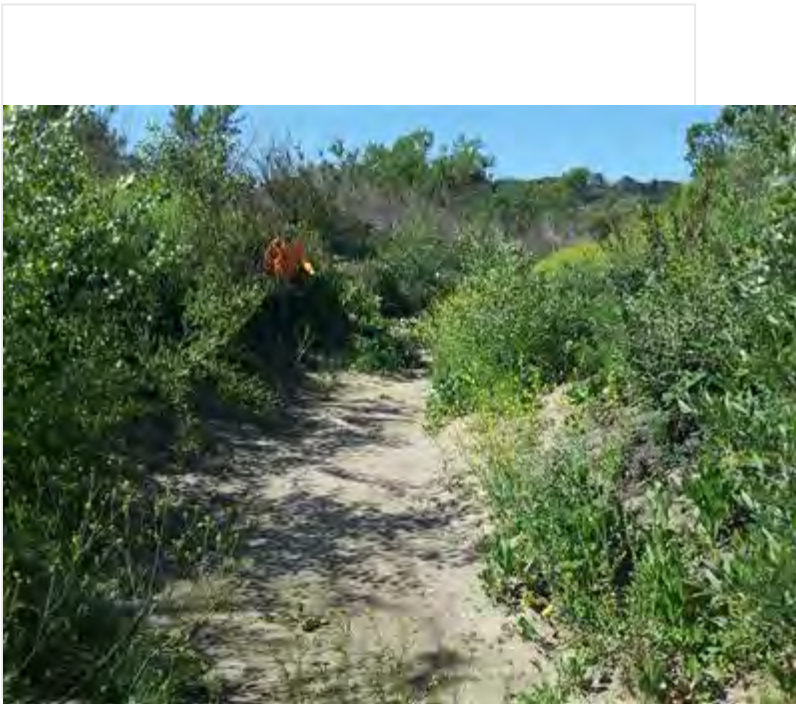
photo_1-20220421-DGW2outlet-lookingE-before.jpg

Photo 2



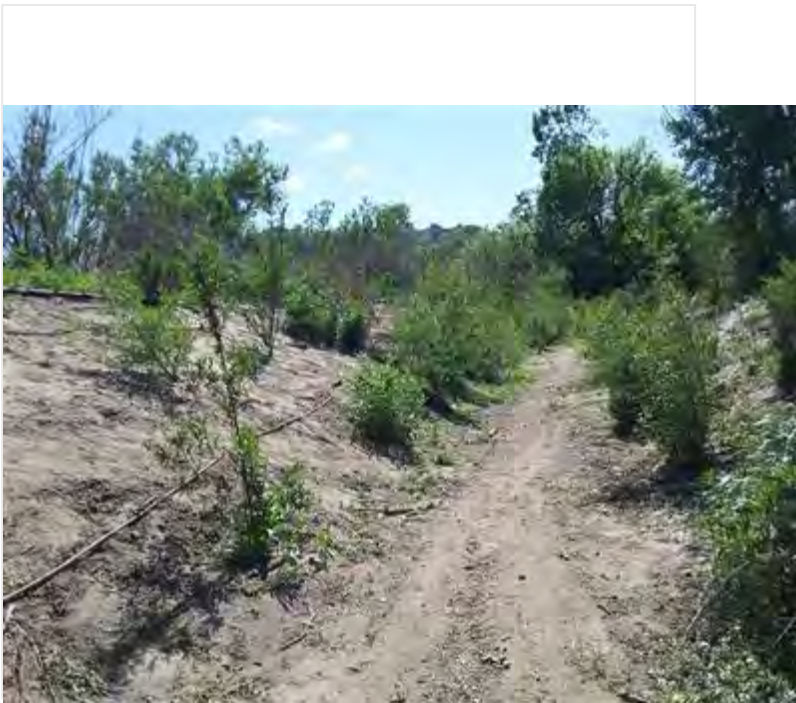
photo_2-20220421-DGW2outlet-lookingE-after.jpg

Photo 3



photo_3-20220421-DGW2outlet-lookingSW-during.jpg

Photo 4



photo_4-20220421-DGW2outlet-lookingSW-after.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:40

Ending Temperature (°F)

76

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Paul J. Bell", is centered within a rectangular box. The signature is written in a cursive, flowing style.

signature-20220421-213835.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 21, 2022, 3:00:37 PM

Date of Log

Apr 21, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CAQU KILL CALT CAKI SPTO CASJ HOFI AMCR CORA RCKI ACWO SOSP HOWR NOMO ANHU
BHGR NUWO**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-1 targeting lambs quarters, mustard, Erodium star thistle and grasses.

0900: Crew takes a break.

0915: Crew returns to work.

1130: Biologist identifies coastal whiptail in DG-2 north of Johnson Field.

1200: Crew breaks for lunch.

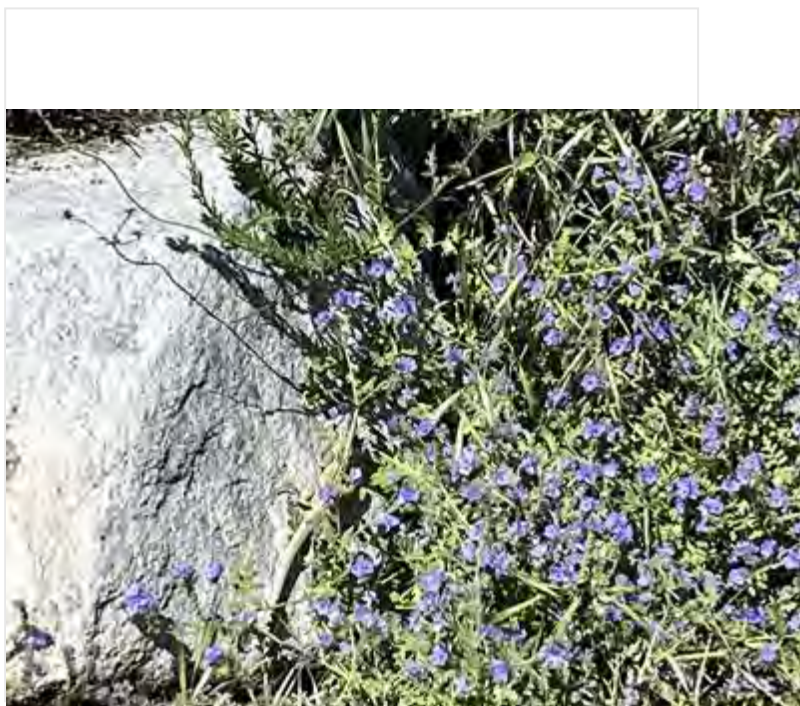
1230: Crew returns to work.

1240: Biologist identifies a second coastal whiptail east of DG-1.

1400: Biologist IDs third coastal whiptail in DG-1.

1500: Crew stops work for the day.

Photo 1



Coastal_whiptail_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

65

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

0

Additional Comments

Special status species detected: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "L. V. P.", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L" and a long, sweeping tail.

signature-20220421-210600.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 21, 2022, 12:19:23 PM

Date of Log

Apr 21, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

44

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image crew of 4 collecting cuttings in DG-4B, DG-4, DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CANG, SOSP, BEWR, NOMO, ACWO, MODO, CALT, WEKI, NRWS, CASJ, BUSH, SPTO, BHGR, CATH, COYE, LEGO, RTHA, VASW, BGGN, NUWO

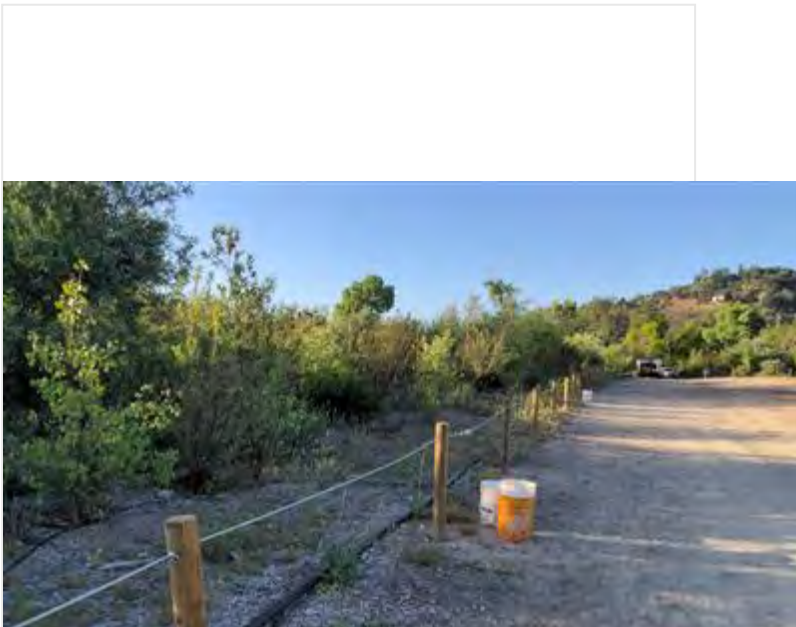
Did You observe any Non-Compliance Issues?

No

Log Entry

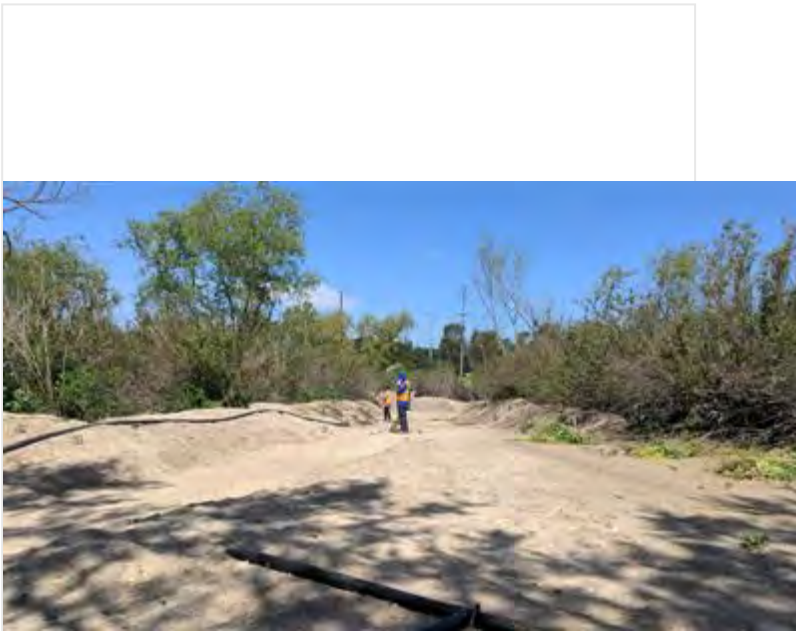
0630 met with crew and foreman. 0700 began harvesting mulefat cuttings from phase 1 plants in DG-4B. Only one or two per plant. 0715 met briefly with Lauren on her way to check on the LBVI male. 0800 crew continued collecting mulefat along DG-W-2 Outlet moving south. 0945 crew continued to the drainage south of the mining pit (DG-4 WOUS). 1215 crew stopped collecting and began filling water tanks. Monitor not needed.

Photo 1



Cuttings_DG-4B_FacingS.jpg

Photo 2



DG-4WOUS_Cuttings.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

12:30

Ending Temperature (°F)

66

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "Margaret H. H.", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the end.

signature-20220421-191841.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 22, 2022, 3:37:59 PM

Date of Log

Apr 22, 2022

Monitor/Biologist

Nicholas (Cole) Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Weeding/ Non-native vegetation removal on the northern end of DG-1**
- 2. Hand tools**
- 3. Crew of 10 + Caesar Olmos + Scott Rose**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds:

California Quail, Song Sparrow, California Scrub Jay, Acorn Woodpecker, European Starling, California Towhee, Mourning Dove, Western Bluebird, Northern Mockingbird, Barn Swallow, Northern Rough-winged Swallow, Nuttalls Woodpecker, Annas Hummingbird, Mitred Parakeet, House Finch, Killdeer, Bushtit, Lesser Goldfinch, House Wren, Bewicks Wren,

Mammals:

Audubon's Cottontail, Coyote, Ground Squirrel,

Herps:

Western Toad, Western Fence Lizard, Side-blotched Lizard, San Diegan Tiger Whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 met with Scott who was speaking with Caesar

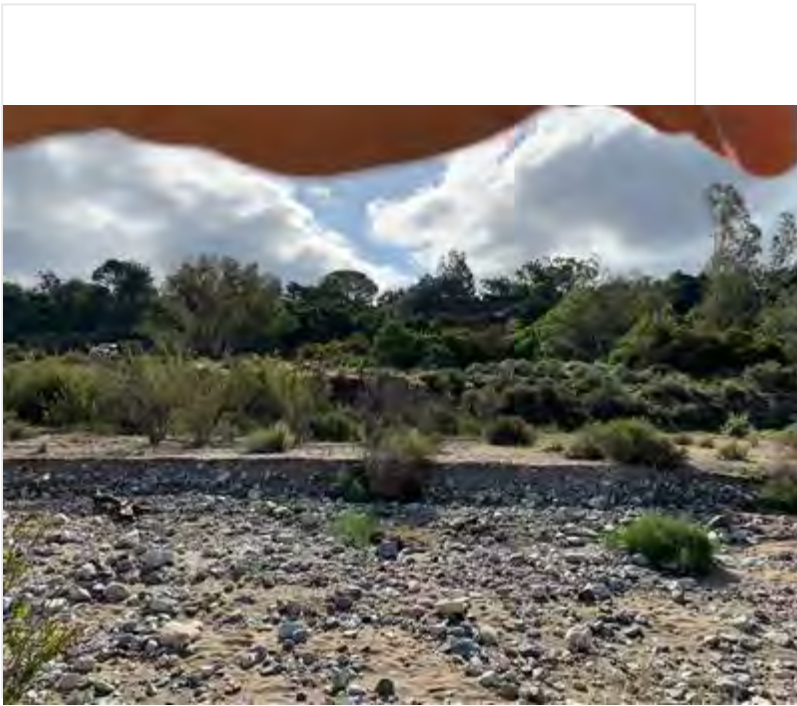
0900 crew broke for break

1145 crew broke for lunch

1220 observed passing over coopers hawk pair

1240 observed tiger whiptail

Photo 1



Vegetation_Clearing_DG-1_facingE.jpg

Photo 2



Potential_taricha_habitat_nearDG-1tip_facingNW.jpg

Photo 3



Whiptail_sighting_location_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

61

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

50

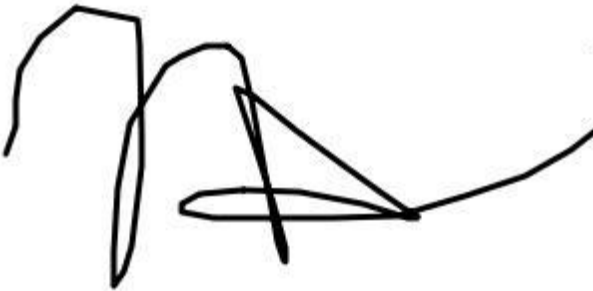
Additional Comments

Rains from the prior night seemed to have rejuvenated the end of the stream near the northern tip of DG-1. Depending on the longevity of the creek, it could prove to be suitable habitat for Coast Range Newts, as there are a few deeper pools.

A pair of coopers hawks were seen flying over the middle of the site at 1220. Were soaring high and did not land anywhere nearby. No point placed on field maps given the nature of the observation. (Special status species)

1240 encountered a tiger whiptail near the northern end in a section of the riverbank with an abundance of buckwheat coverage. When I flushed the lizard initially, a scrub jay tried to swoop in an predate it; however, the lizard escaped. The scrub jay can be seen in the associated photo sitting on the nearby lines. (Special status species)

Signature

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the bottom.

signature-20220422-205718.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 22, 2022, 1:32:51 PM

Date of Log

Apr 22, 2022

Monitor/Biologist

Margie Pfeffer

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

Nature's Image crew of 4 collecting mulefat and willow cuttings

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, SPTO, BHGR, ANHU, MODO, CASJ, HOFI, AMRO, CALT, BUSH, NRWS, YEWA, LEGO, YRWA, RSHA, RTHA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Met with crew. Spent time identifying willow species in DG-4B, mostly Arroyo (*Salix lasiolepis*) with some Black (*S. goodingii*). Collecting only one or two per plant and leaving the smaller branches with fruit to hopefully mature on the ground. 0920 moved to Boulder. Not many large willows to collect from in the planted areas. 0950 observed YEWA foraging in large black willow. 1145 crew harvested as many cuttings as possible from downed black willow near west trail. Monitor left at 1230 and Scott Werner took over. Went around taking photo points until 1330.

Photo 1



DownedWillow_DG4_FacingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

64

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A handwritten signature in black ink, reading "Margaret P. Pfeiffer", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial 'M' and 'P'.

signature-20220422-203216.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 25, 2022, 7:55:27 AM

Date of Log

Apr 22, 2022

Monitor/Biologist

Scott Werner

Starting Time

06:30

Starting Temperature (°F)

50

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

5

Construction Activity and Personnel

Morning monitoring of Natures Image crew of two: Lalo and Alberto from Orange County are weed whacking along the fence line, west side of project area. During afternoon I took over from Margie to monitor harvesting of willow cuttings, NI crew of 6 with Daniel Holmes.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NUWO, EUCD, MODO, NOMO, SOSP, CALT, CASJ, CAQU, SPTO, WCSP, BHGR, BUSH, WIWA, COYE, CAKI, ATFL, coastal whiptail, alligator lizard, w fence liz, BGGN, BEWR, HOFI, PUF1, Ca gr squirrel, LEGO, RTHA, ACWO, ALHU, ANHU, OCWA, western toad.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Lalo and Alberto are weed whacking along fence in main parking lot after I do a nest-search of the edge habitat (Lalo weed whacking; Alberto raking). Almost all Hirschfeldia but others as well. They whack an area of about ten on either side of fence. This is DG-4B (planted area). Soon they move northward along roadside near Mining Pit (area is DG-4C and DG-4. Lalo is whacking downslope a bit (with my approval) up to 30-40 feet where mustards are bad. Lalo pauses when visitors walk by. A birding group is in the area and I asked Lalo to stick to the roadside when they are nearby so as not to cause alarm.

0950 there is a California towhee nest w 3 eggs about ten feet beyond the fence where it takes a sharp left at the corner, see Collector, so Lalo avoids trimming an 80-ft section around nest.

1130 after lunch these two continue working until about 1230 when Lalo needs to leave, and Alberto and I join harvesting crew. They got to about 34.193835°N 118.173068°W which is almost to inside corner of parking lot. Margie is done monitoring that crew but stays to get photo points. While working briefly north of the Mining Pit, I did not hear the least Bell's vireo from Tuesday singing, but I was a little far away.

1245 Daniel briefly shows me the newly planted mule fat and willows in DG-4A just south of DG-5. He is concerned most of the mule fat hasn't sprouted leaves yet; I told him to keep the soil wet and they should do fine. But he may want to soak them longer next time to get more root growth before planting.

1300-1415 Monitoring harvesting of Goodding willow sticks.

Photo 1



photo_1-weed-whacking_DG-4B_edge_facingS.jpg

Photo 2



photo_2-after-weed-whacking_DG-4B_edge_facingNE.jpg

Photo 3



photo_3-weed-whacking_DG-4_edge_facingE.jpg

Photo 4



photo_4-after-weed-whacking_DG-4_edge_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

63

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S/A', is written within a rectangular box. The signature is stylized and somewhat cursive.

signature-20220422-212455.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 25, 2022, 3:15:41 PM

Date of Log

Apr 25, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

10

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: LCPA CAQU KILL CALT CATH CAKI SPTO CASJ HOFI AMCR CORA RCKI ACWO SOSP HOWR NOMO ANHU BHGR NUWO WEBL

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-1 targeting lambs quarters, mustard, Erodium star thistle and grasses.

0900: Crew takes a break.

0915: Crew returns to work.

1105: Biologist identifies coastal whiptail in DG-2 north of Johnson Field.

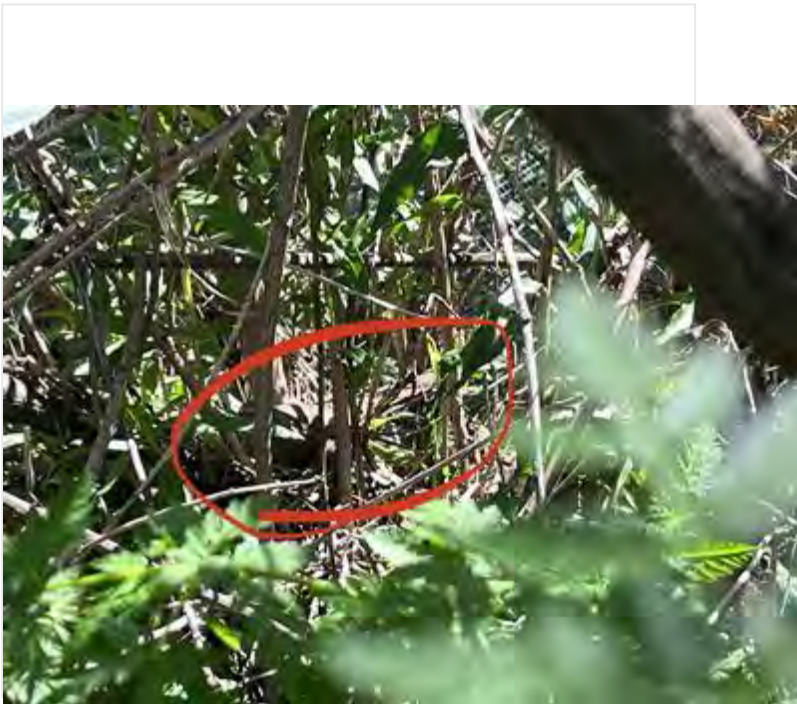
1130: Biologist finds CATH nest in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



CATH-04_female_on_nest_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

86

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

Special status species detected: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "John Upm", is centered within a white rectangular box. The signature is written in a cursive style with a large initial 'J' and 'U'.

signature-20220425-205809.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 25, 2022, 3:56:26 PM

Date of Log

Apr 25, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 3 harvesting stakes in DG-4, DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, AMRO, CAKI, CASJ, MODO, CAQU, SOS, SPTO, RCPA, CALT, COYE, KILL, NRWS, YRWA, BUSH, BGGN, BHGR, ANHU, BARS, CANG, EGGO (Egyptian goose), WTSW, OCWA, WIWA, PUF, YEWA, BEWR, WAVI, LEGO, CATH, EUST, ACWO, HOFI, western fence lizard, common side blotched lizard, desert cottontail, California ground squirrel, San Diego alligator lizard.

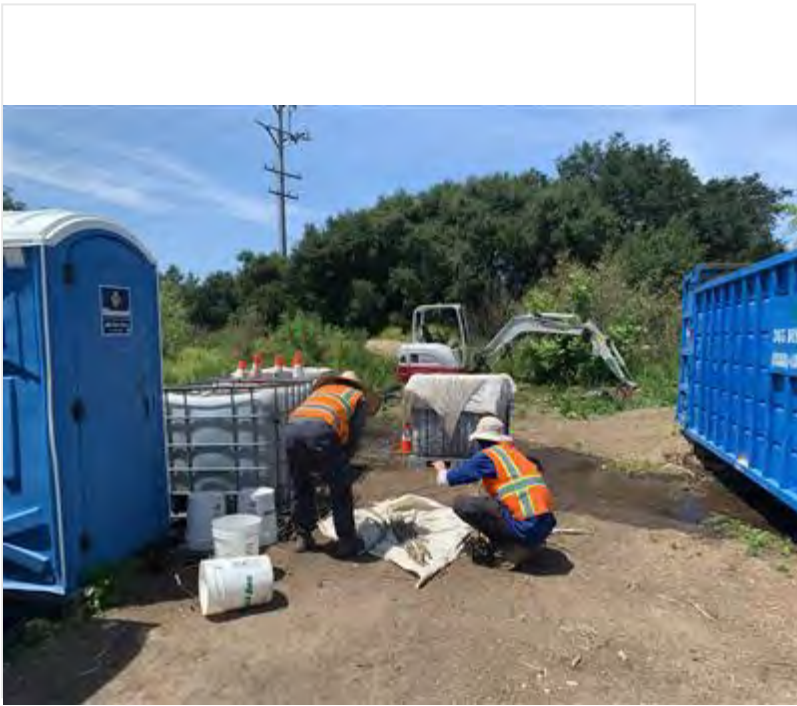
Did You observe any Non-Compliance Issues?

No

Log Entry

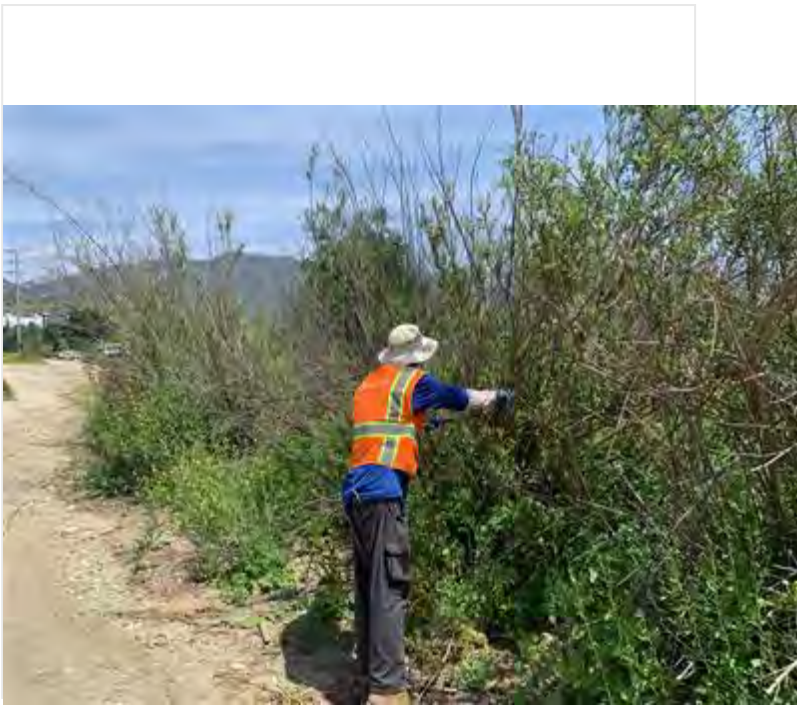
0630: surveyed work area. 0650: monitored cutting of mulefat stakes in DG-4 next to the boulder field. 0726: found a BUSH nest under construction. Labeled as BUSH_13 on collector. Crew was moved when nest was found, they had finished cutting stakes in the area. YEWA heard in a previously mapped area. 0820: found a BEWR nest, adults were feeding young. Logged as BEWR_02 in collector. Crew was advised to avoid. Crew worked about 100 feet south harvesting mulefat stakes. 1130: crew moved to unofficial trail south of parking lot, continued harvesting. Monitored this activity. 1300: crew wrapped up harvesting, I searched phase 2 areas in the mining pit and DG-2 (east side) for signs of phytophthora infection on container plants. Discussed last weeks LBVI sighting with ICF monitor Lela Updegrave.

Photo 1



photo_1-processing_mulefat_stakes_facingW.jpg

Photo 2



photo_2-new_stake_harvesting_facingNE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

86

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. K. W. A.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font with a long horizontal stroke extending to the right.

signature-20220425-155522.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 1, 2022, 11:30:59 AM

Date of Log

Apr 25, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Two Natures Image crews: Oscar Ortiz, foreman, with 3 temps; and Lalo's Orange County crew of 9.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NUWO, EUCD, MODO, NOMO, SOSP, CALT, CASJ, CAQU, SPTO, WCSP, BHGR, BUSH, WIWA, COYE, CAKI, ATFL, coastal whiptail, side-blotched lizard, w fence liz, BEWR, HOFI, PUF, Ca gr squirrel, LEGO, RTHA, ACWO, ALHU, ANHU, OCWA, western toad, SPTO, TUVU, RTHA, BUOR

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Oscar's crew will be weeding in DG-W-2 Mining Pit outlet amongst 1-yr old planted trees and shrubs, so I inspect the area for nests before moving N for Lalo's crew. Area is cleared and I move to north parking lot/coastal sage scrub area to survey for nests etc for Lalo's crew. The crew gets started pulling the flowering *Hirschfeldia* etc. There are several pairs of western toads in amplexus at one dripper location in mule fat, and vocalizing (approx 34.193810°N 118.173268°W), so I pull a few weeds myself and cordon off the area. Just before (0830) I check out Oscar's crew and notice a SPTO with food and document the nest just outside their work area in Collector. I tell Daniel and Oscar that his crew should move up north to merge with the other crew so that I can effectively monitor everyone at once, which they agree to do.

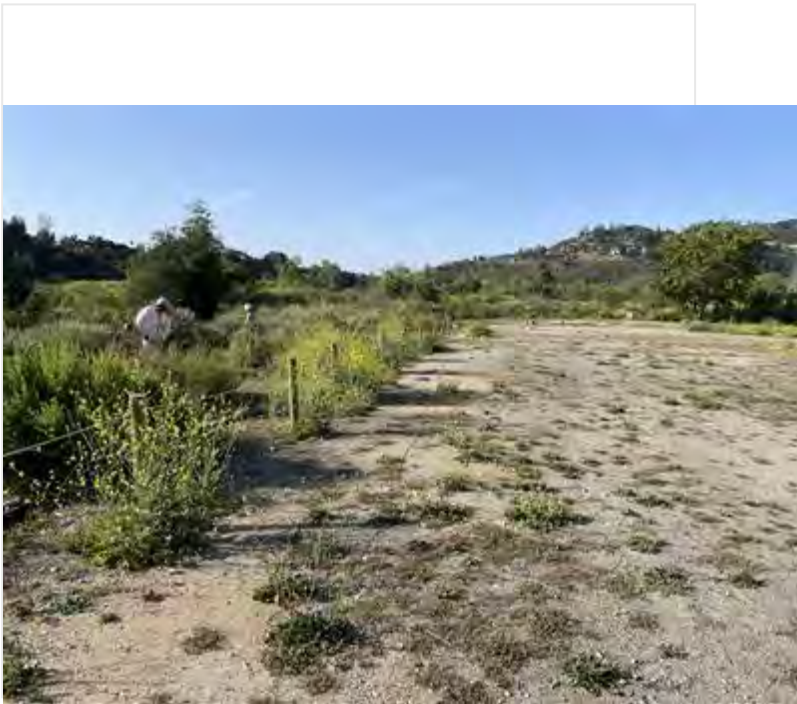
The monitoring and nest-searching are intense today and there is little time to take notes in Survey123.

Later I open up two nest buffers for CASJ and CATH that have failed.

Large rattlesnake under rock under shamel ash adj to parking lot where the crew were taking a break in the midday heat. I instructed the crew to leave the area and sure enough the snake quickly moved on and hid in a large buckwheat patch for the brief remainder of the work day.

LBV not heard today in location from last Tuesday.

Photo 1



photo_1-weedwhacking_DG-4_facingS.JPG

Photo 2



photo_2-handpulling_DG-4_facingSW.JPG

Photo 3



photo_3-after_weedwhacking-handpulling_DG-4_facingS.JPG

Photo 4



photo_4-rattlesnake_under_rocks_DG-4_facingW.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

86

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A.M.', is centered within a white rectangular box. The signature is fluid and cursive, with a long horizontal stroke at the end.

signature-20220501-183031.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 26, 2022, 10:36:58 PM

Date of Log

Apr 26, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

90

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CAQU KILL CALT YEWA COYE CATH CAKI SOSP WETA CASJ HOFI AMCR CORA RCKI ACWO
HOWR NOMO ANHU NUWO**

Reptiles: Western fence lizard, side-blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field. Two crew members split off and use line trimmers to clear the ramp on the western side slope.

0705: Biologist identifies a YEWA in DG-4.

0900: Crew takes a break.

0915: Crew returns to work.

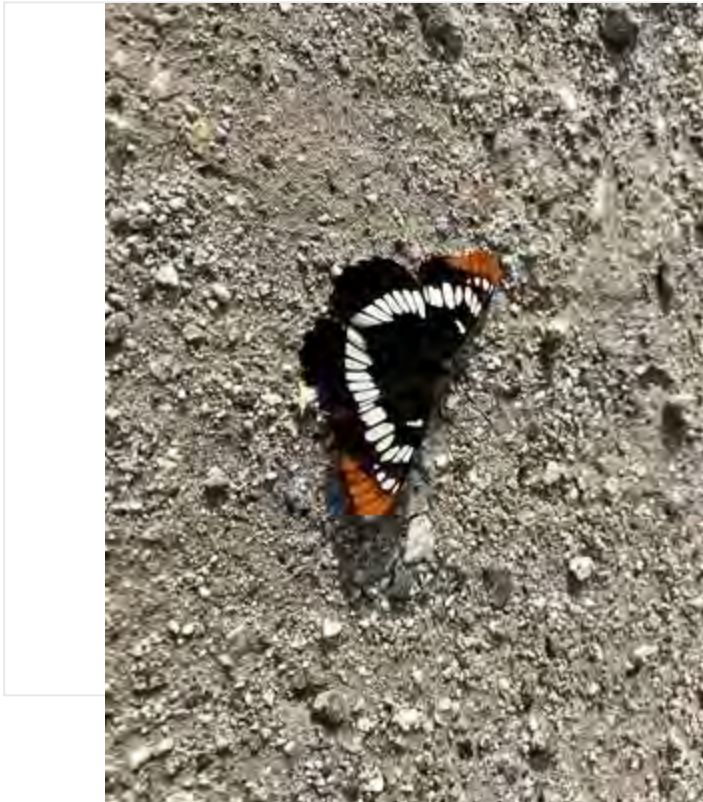
1105: Biologist identifies coastal whiptail on the side slope.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

30

Additional Comments

Special status species detected: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "John Upson", is centered within a white rectangular box. The signature is written in a cursive, flowing style.

signature-20220427-053644.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 26, 2022, 1:36:11 PM

Date of Log

Apr 26, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

60

Construction Activity and Personnel

Natures image crew of 4 harvesting stakes in DG-4

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, AMRO, MODO, SOSP, CAKI, ACWO, RTHA, BEWR, CALT, CASJ, SPTO, BHGR, YEWA, WIWA, OCWA, CAQU, YRWA, HOFI, AMGO, ANHU, CANG, BHGR, NUWO, BGGN, KILL, BUSH, NRWS, OATI, LESA, desert cottontail, California ground squirrel, common side blotched lizard, western fence lizard, western toad, desert cottontail, TOWA, CORA, AMCR.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area, which was in DG-4 just south of the parking lot along the unofficial trail. Crew had worked here yesterday, primary focus was mulefat. 0640: cleared crew to work. Monitored mulefat harvesting. 0650: checked the area of last weeks LBVI observation. No LBVI detected. Found a CALT nest on the way, located just south of the mining pit. Logged in collector, nest is nowhere near the current weeding or planting efforts. 0720: resumed monitoring stake harvest. 0800: surveyed another area of DG-4 that the crew was planning to move to, just south of boulder. Found a female YEWA foraging, logged in collector. On the way back to the crew, I found a MODO nest that was being raided by a CASJ after noticing a commotion. Saw CASJ get an egg, MODO returned to nest. Logged in collector, but nest was abandoned by later in the day. Cleared crew to work. 0840: found an OATI nest along the soccer field on my way back from break. Out of range for disturbance by restoration efforts, but still logged in collector as OATI_01. 0850: resumed monitoring stake harvesting. Taught crew to ID willows. Switched focus to collecting Salix lasiolepis from old stakes. Took no more than one or two per plant depending on size. 1330: crew wrapped up stake harvesting.

Photo 1



photo_1-crew_member_harvesting_stakes_facingSE.jpg

Photo 2



photo_2-S_lasiolepis_stakes_before_submerging_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:35

Ending Temperature (°F)

79

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. EDWARDS", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220426-133548.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 1, 2022, 12:53:10 PM

Date of Log

Apr 26, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

90

Construction Activity and Personnel

Natures Image crews: 4 temps with Oscar Ortiz, and 12 NI workers from Orange County, Lalo foreman; hand-pulling weeds on the west side of the project area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NUWO, EUCD, MODO, NOMO, SOSP, CALT, CASJ, CAQU, SPTO, WCSP, BHGR, BUSH, WIWA, COYE, CAKI, ATFL, coastal whiptail, side-blotched liz, w fence liz, BEWR, HOFI, PUFU, Ca gr squirrel, LEGO, RTHA, ACWO, ALHU, ANHU, OCWA, western toad, SPTO, TUVU, RTHA, WAVI

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crews resume work in NE parking lot area (DG-4, DG-4A). Hirschfeldia is in full bloom and quite dense. Plus Conium, Lepidium, Melilotus, Carduus, etc. 0900 there is a Calif. towhee nest with 2 eggs that went undetected and was partly exposed by the weeding, but the nest was undamaged and the adult returned to incubate after crews were moved from the area. Nest entered into Collector.

0945 large so. Pac. rattlesnake, likely same one from yesterday afternoon, spotted in mule fat and relocated by me (snake tongs, 5-gal bucket) to NE corner of DG-4, 34.194587°N 118.171699°W, about 500 ft to northeast) in similar buckwheat/mule fat scrub habitat.

1030 new BUSH nest in pepper tree several feet from inactive CATH nest, so the buffer that was removed is back up, but only extends to other side of pepper tree, so workers can remove weeds to up to canopy drip line. 1040 I showed Daniel Holmes (NI) where i dropped off rattlesnake, and one of the workers came and told us that they had a snake, likely Ca king snake based on description, in work area. But we could not find it upon our return.

Intensive monitoring of such a large crew and nest-searching, doesn't allow for much note-taking.

I help pull some weeds just inside willow canopies while checking for nests (DG-4). There is likely a CALT nest just east of the new BUSH nest in planted mule fat (noted in Collector), based on adult's agitated behavior when I am in that area. I instruct crews to work on west side of willows (in CSS) on the east side of the parking lot today.

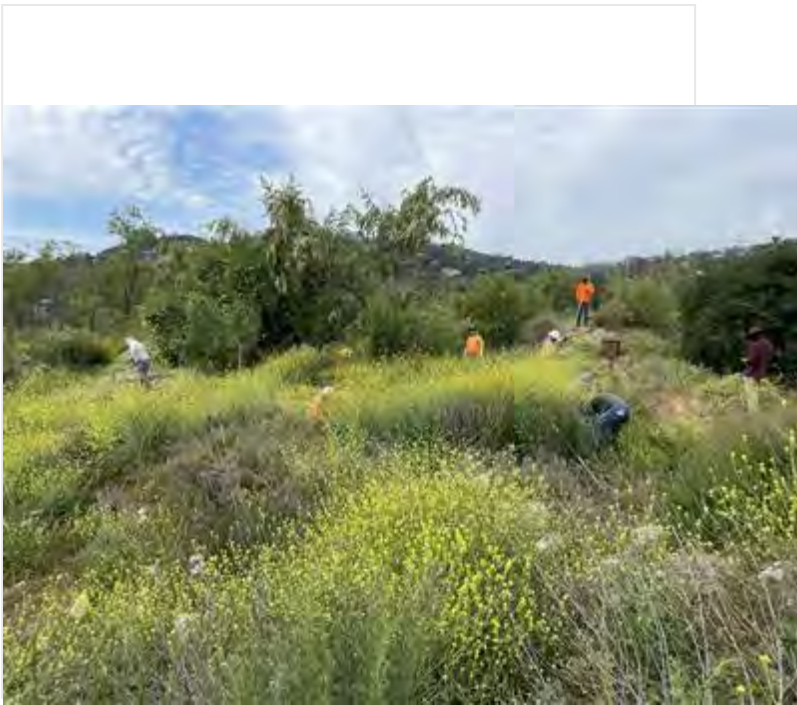
1400 by end of day crew reaches as far north as coastal sage scrub area NW of willows in DG-4 at approx 34.194239°N 118.172575°W.

Photo 1



photo_1-handpulling_DG-4_facingSW.JPG

Photo 2



photo_2-handpulling_DG-4_DG-4A_facingS.JPG

Photo 3



photo_3-after_handpulling_DG-4A_facingSE.jpg

Photo 4



!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

82

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'S. A. J.', is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220501-195247.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: SoCal_Bio

Submitted time: Apr 26, 2022, 12:36:57 PM

Date of Log

Apr 26, 2022

Monitor/Biologist

Taylor Dee

Company

ECORP

Starting Time

07:00

Starting Temperature (°F)

65

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

90

Construction Activity and Personnel

GREGG Drilling crew of 2 used 2 truck mounted drills and augers to conduct augering activities at three boring locations, on east side of the reservoir near the Alta Dena drain, in preparation for boring. GREGG crew conducted hollow-stem auger drilling followed by con penetration testing. Hayley (LADWP engineer) was on site to oversee activities.

What Type of Monitoring is Being Conducted?

Construction Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

KILL, NRWS, BEWR, VASW, SOSP, WTSW, COOT, CALT, ANHU, WIWA, SPSA, MALL, CORA, CASJ, BUSH, COYA, CANG, SPTO, HOFI, PBGR, RUDU, SNEG, WEBL, LEGO, BHGR, desert cottontail, Western fence lizard, Western side-blotched lizard, ACWO

Did You observe any Non-Compliance Issues?

No

Log Entry

- 0700:** Coordinated with Lela (ICF biologist monitoring Landscape Gothic restoration crew) about gate access and arrived on site.
- 0704:** Spoke to Lela who said the restoration crew would be using weed-whackers to clear emergent vegetation along the southern end of reservoir as well as weedy in Johnson's field.
- 0712-0745:** Began sweep of work area. No activity observed at CALT-01. No new nests or breeding/nesting behavior observed.
- 0713:** LADPW crew moved booms by hand and with a truck out of the work area.
- 0745:** Spoke to Hayley (LADWP engineer) who said drilling would be tomorrow and today would be relatively quiet work in preparation for the boring.
- 0757:** GREGG Drilling crew of 2 arrived in 2 trucks.
- 0800:** LADWP crew that moved booms left site.
- 0807:** Observed CALT collecting nesting material (i.e, straw) in vicinity of CALT-01.
- 0810:** Hayley marked boring locations. All were outside nest buffers.
- 0817:** GREGG crew began setting up equipment at boring location.
- 0830:** Hayley lead a safety tailboard.
- 0831:** GREGG crew began work by hollow-stem auger drilling boring locations which was relatively quiet and not much louder than an idling vehicle. Remaining locations were auger drilled .Birds continued to sing and forage in the adjacent habitat.
- 0853:** GREGG crew conducting cone penetration testing at first boring location.
- 0945:** GREGG crew began cone penetration testing at 2nd boring location. Observed YEWA singing from perch while crew worked nearby. No breeding/nesting behavior was observed.
- 1045:** Observed KILL pair escorting 2 chicks foraging along east side of reservoir. Likely from nest KILL-01 but I will confirm later once I can leave the crew and avoid disturbing the KILL. I notified Lela and lead project biologist. I monitored the KILL when they were in the general vicinity of work and near access roads; however, the work was stationary and more than 200 feet from the birds. The KILL appeared undisturbed with the chicks continuing to forage while the adults supervised and called back and forth.
- 1046:** GREGG crew began cone penetration at 3rd boring location.
- 1158:** GREGG crew done for the day. I confirmed the access road was clear and they left the site.
- 1201:** Confirmed with Hayley that the crew was done for the day and she was only to do a site walk before leaving for the day. I notified her of the KILL along the access road and to be extra cautious when driving it. She gave me to Dam Operator's, Raul, number so I could notify him. I called Raul and he said he would let his crew know.
- 1215:** Observed KILL-01 nest site.
- 1225:** Left site.

Photo 1



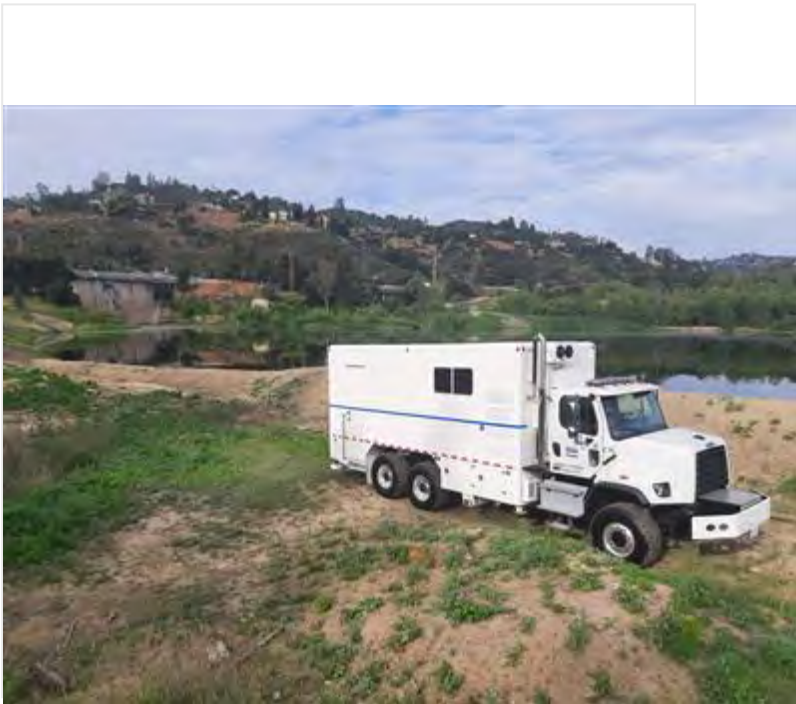
Marked boring location_facingN.jpg

Photo 2



GREGG Drilling conducting hollow-stem auger drilling with tru...

Photo 3



GREGG staged for cone penetration testing with truck mounte...

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

12:25

Ending Temperature (°F)

78

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

35

Additional Comments

N/A

Signature



signature-20220426-193533.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 27, 2022, 2:40:48 PM

Date of Log

Apr 27, 2022

Monitor/Biologist

Nicholas (Cole) Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Vegetation removal via weedwhacking (Western bank) and hand tools (Johnson Field)**
- 2. String trimmers and hand tools**
- 3. Crew of 10 + Caesar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Least Bell's vireo**

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

Immediately after parking (~0640) on the Southern End near the first portapotty I briefly heard what I thought may be an LBV from the nearby Baccharis grove in DG-2. After approaching the area closer from the lot, I again heard the vocalization giving me certainty that I had heard an LBV, likely a male. I believe I briefly saw the bird darting between the baccharis on the South end of DG-2 on the Eastern face approximately 10 ft from the where the crew normally parks. It vocalized infrequently over the following 5 minutes, and was not detected again after 0650. No countercalling was heard nor any indication of a pair or nest. I stayed in the general area for the following hour, but did not detect the bird again.

Species Observed While Monitoring

Birds: Northern Rough-wing Swallow, Least Bells Vireo, Mallard, Killdeer, Song Sparrow, California Towhee, Mitred Parakeet, Mourning Dove, Spotted Towhee, California Scrub Jay, Bushtit, Acorn Woodpecker, California Quail, California Thrasher, Annas Hummingbird, Allens Hummingbird, House Finch, American Coot, Red-tailed Hawk, Ash-throated Flycatcher,

Mammals: Fox Squirrel, Ground Squirrel,

Herps:Western Fence Lizard, Side Blotched Lizard, Coastal Whiptail, (Deceased) Striped Racer, Western Pacific Rattlesnake,

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 Soon after parking, detected an LBV in the nearby Baccharis grove

0650 Crew left area to work on Johnson Field

0730 PW Crew showed up to bore holes

0845 Crew broke for break

1030 CCC showed up and started string trimming the upper areas outside of the mitigation zones

1111 Observed multiple Coastal Whiptails on the eastern bank

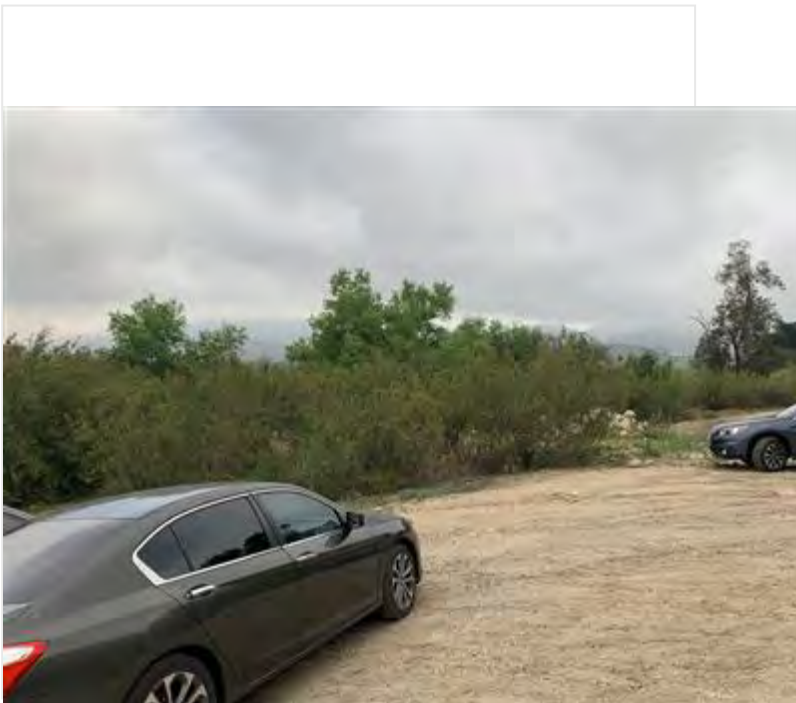
1150 Found a deceased striped racer on the edge of the road near Johnson Field; appeared to be roadkill

1200 Crew broke for lunch

1300 Safely relocated rattlesnake away from work area

1340 Discovered ACWO nest near work area

Photo 1



LBVI_Location_Baccharis_Grove_FacingN.jpg

Photo 2



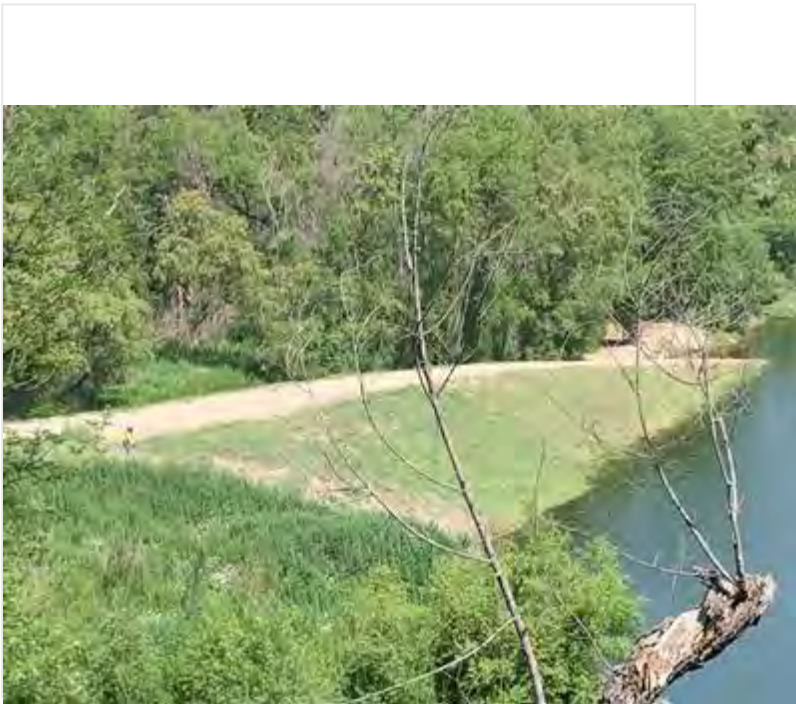
PW_Crew_Boring_Hole_FacingSW.jpg

Photo 3



Crew_working_edge_DG-W-1_facingS.jpg

Photo 4



2_Stringtrimming_banks_of_ramp_facingNW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments


Asked the PW crew that was working somewhat close to where I detected the LBV to try and stay away from the area and reduce their disturbance if near the area. Also mentioned the detection to Caesar and ensured no work would be taking place in the immediate vicinity today. I advised the PW crew to watch out for young Killdeer from the nest further South.

8 of the crew were using hand tools on the edge of Johnson Field and 2 were on the Western side weed whacking the bank.

1300 I safely relocated a subadult rattlesnake from the work area to the other side of the trail. I did this using a snake hook and tongs.

I discovered an ACWO nest in the cottonwood right along the trail on the Eastern face of Johnson Field. Work nearby had been done earlier in the morning and the nest had gone undetected. The work seems not to have affected the pair at all, and the female was seen sitting in the nesting cavity unaffected by the people and animals using the trail.

Signature

A handwritten signature in black ink, appearing to be 'J. L. ...', enclosed in a white rectangular box.

signature-20220427-211545.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 27, 2022, 5:03:07 PM

Date of Log

Apr 27, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 20; 12 pulling mustard in DG-4, 8 planting stakes in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**
- **Least Bell's vireo**

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

Heard from boulder field while monitoring planting efforts. 20 minutes of observation from 9:15-9:45. Adult male singing in the 2020 LBVI territory. Had showed up midday, surveyed this area in the morning and extensively yesterday. Crew had been working 150 feet East at time of detection. Did not get much visual observation due to heavy cover.

After getting crew set up in the north area (1100 feet north), returned to map territory at 1030. Male calling rapidly at around 13 calls per minute. Heard a second LBVI doing a whisper song concurrently while the male was singing. Sex of second vireo unknown, assumed female. Second vireo not visualized, it was heard from within a large patch of dense poison hemlock at the East side of the territory near a large downed log. The male, amid semi-frequent returns to this patch, was heard also doing a whisper song here once.

During this observation period, the male also spent a lot of time near what I believe to be the 2020 nest tree (will verify). While next to this tree in a dried horseweed, it was observed picking up a dried willow catkin, which would seem to imply it was searching for nesting materials. However, immediately after picking it up it was divebombed by a large brown bird (not sure if CALT or BHCO female). Was unable to see where it took the catkin, if anywhere. Noticed that the male was being stalked by a male BHCO closely. This is very unusual for the vicinity; I have maybe logged 5-10 visual observations of a BHCO on this half of the site ever. Female BHCO also seen in territory, but was not 'stalking' male LBVI. Called Lauren Simpson (ECORP) to relay all of this.

Returned to observe again at 1400 for 45 minutes. No calls/observation. Searched vicinity.

Species Observed While Monitoring

BEWR, NOMO, CAQU, YRWA, KILL, SPTO, NRWS, YEWA, COYE, CASJ, ACWO, CATH, HOFI, LEGO, BUSH, WIWA, NUWO, BHCO, ANHU, ALHU, EUST, RCPA, BHGR, ATFL, WTSW, CANG, AMCO, LBVI, CAKI, PUF1, RTHA, BGGN, southern pacific rattlesnake, California ground squirrel, common side blotched lizard, western fence lizard.

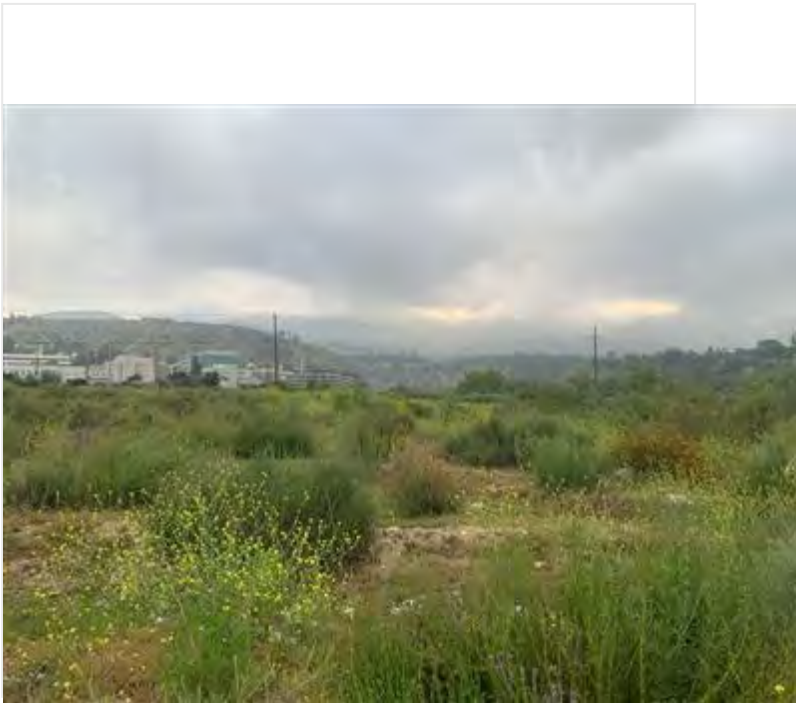
Did You observe any Non-Compliance Issues?

No

Log Entry

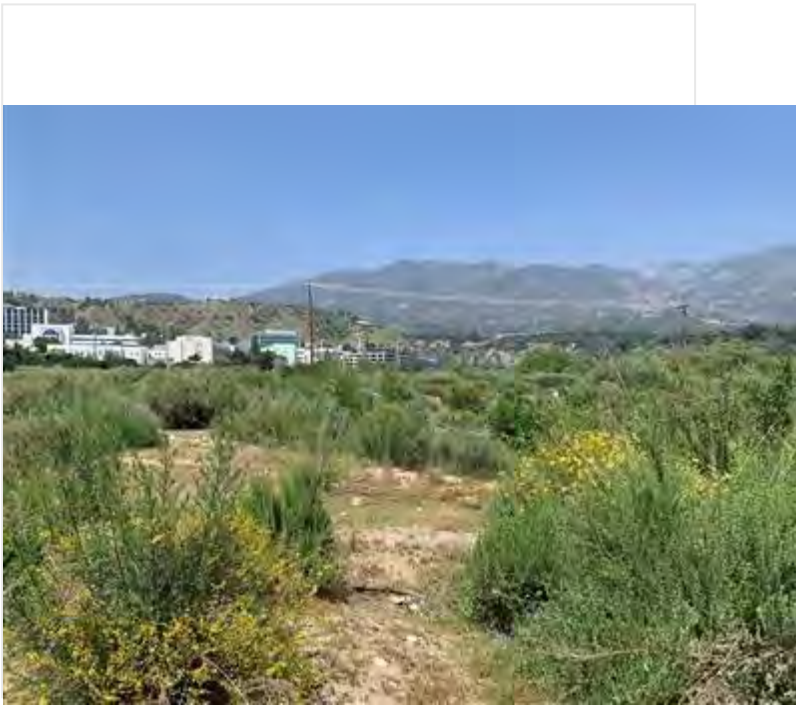
0620: started surveying work area early, as crew was going to be split into two areas. Started with DG-4A in the boulder area. Performed nesting bird survey, found nothing. Checked the adjacent 2020 LBVI territory; LBVI was not calling. 0645: cleared the planting crew to work, reiterated relevant buffers. They were putting in stakes of Salix spp. and Bacharris salicifolia. 0650: surveyed DG-4 in the far north, near the coastal sage scrub area. 0705: cleared crew to work. There was one decent sized patch of mustard left in this area, after which they were planning to weed the sheet flow area (they never did due to a later LBVI detection). Monitored vegetation clearing. Primary target was Mustard. Bounced between these two crews in roughly 30 minute increments. 0845: surveyed the first LBVI territory which was found by Scott Werner last week. Found nothing. 0900: continued monitoring the planting crew (DG-4A). 0915: heard male LBVI singing in the sheetflow area, several hundred feet west of planting crew. Immediately moved planting crew to parking lot to await further instructions. Called Lauren Simpson to inform, and observed behavior. 0935: walked boulder with 1 NI employee to ensure that there were no open holes/ half finished planting berms in the vicinity before leaving for day. 1000: monitored vegetation clearing in aforementioned area of DG-4 with both crews. 1030: went back to LBVI area to map its territory. Details below. 1130: resumed monitoring vegetation clearing in DG-4. By now crew had run out of mustard to remove, had them work on Erodium cicutarium in areas they already finished pulling mustard from. 1400: crew wrapped up pulling. Surveyed LBVI area one more time, no activity. Very hot.

Photo 1



photo_1-DG-4_pre_pulling_facingN.jpg

Photo 2



photo_2-DG-4_post_pulling_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6

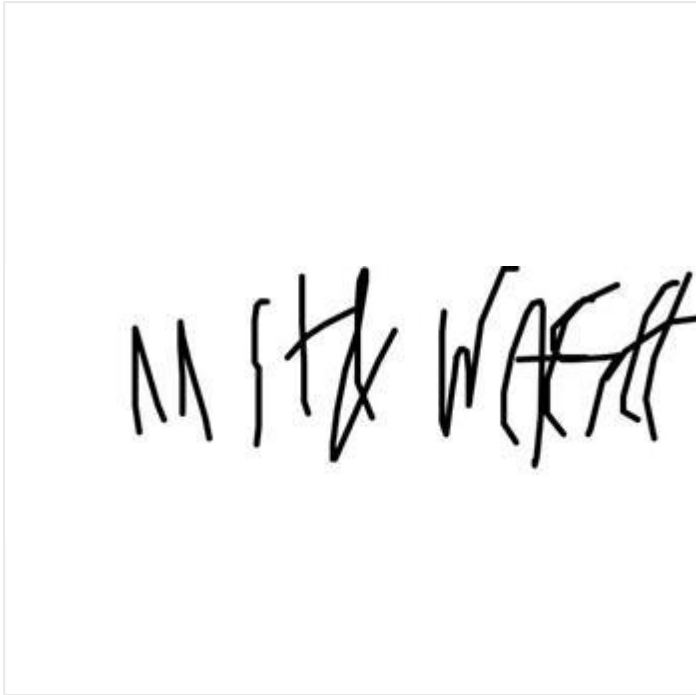
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive, somewhat stylized font and appears to read "M STX WASH". The letters are connected, with the "M" and "S" being particularly prominent.

signature-20220427-170209.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: SoCal_Bio

Submitted time: Apr 28, 2022, 11:37:21 AM

Date of Log

Apr 27, 2022

Monitor/Biologist

Taylor Dee

Company

ECORP

Starting Time

07:40

Starting Temperature (°F)

66

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

LADWP crew of 4 conducted boring with a truck mounted drill rig along the east side of the reservoir near the Alta Dena drainage. Hailley N. (LADPW engineer) was on site to oversee work and collect samples.

What Type of Monitoring is Being Conducted?

Construction Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SOSP, NRWS, BARS, DCCO, KILL, MALL, VEFL, CORA, WIWA, OCWA, YEWA, BEWR, WTSW, CASJ, COOT, PBGR, BUSH, ALHU, RWBL, COHA, SPSA, RTHA, LEGO, coastal whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0740: Arrived on site to meet crew by Alta Dena drainage. LADPW Crew and Hailley are already on site and staged at during location.

No KILL were detected in vicinity of KILL-01 or along lower access road.

0800: Hailley led safety tailboard; afterward I conducted an environmental education training.

0815: Hailley said they were only drilling at one of the 3 locations based on the testing conducted yesterday. They planned to drill down to 60-feet. Work occurred outside nest buffers.

0822: Surveyed nearby riparian habitat and checked on CALT-01. Drilling soon began and was not very loud. The rushing water at the outlet at the Alta Dena drain was louder in the riparian area. Drilling occasionally sounded "clanky" when they hit rock.

0900: Identified SOSP-03 nest along east side of reservoir. Nest was undisturbed by work and work occurred outside the nest's 50-foot buffer.

0931: Observed CALT activity in vicinity of CALT-01. Adults appeared to be visiting nest while drilling occurred.

0934: Raul (LADPW dam operator) arrived on site to check on drilling. He informed me that a City of Pasadena Conservation Corps crew would be removing weeds along the upper trail on the east side of the reservoir.

0953: Observed Conservation Corps crew using weed-whackers along upper trail. No KILL associated with KILL-01 or chicks were detected along access roads only the work area.

0950: 2nd LADPW personnel arrived on site to check on drilling.

1000: The drill hit bedrock at 25-feet and planned to move approximately 20 feet south and try drilling there. The new location was still outside nest buffers.

1010: Crew moved 20 feet south and began drilling at 1017. Bird activity remained the same and singing continued while work occurred.

Around 1040 Raul and 2nd LADPW personnel left.

1116: Louie (LADPW) arrived to check on drilling.

1155: Crew took lunch.

1305: LADPW personnel arrived.

1306: Crew resumed work.

1310: Another LADPW personnel arrived and left around 1330.

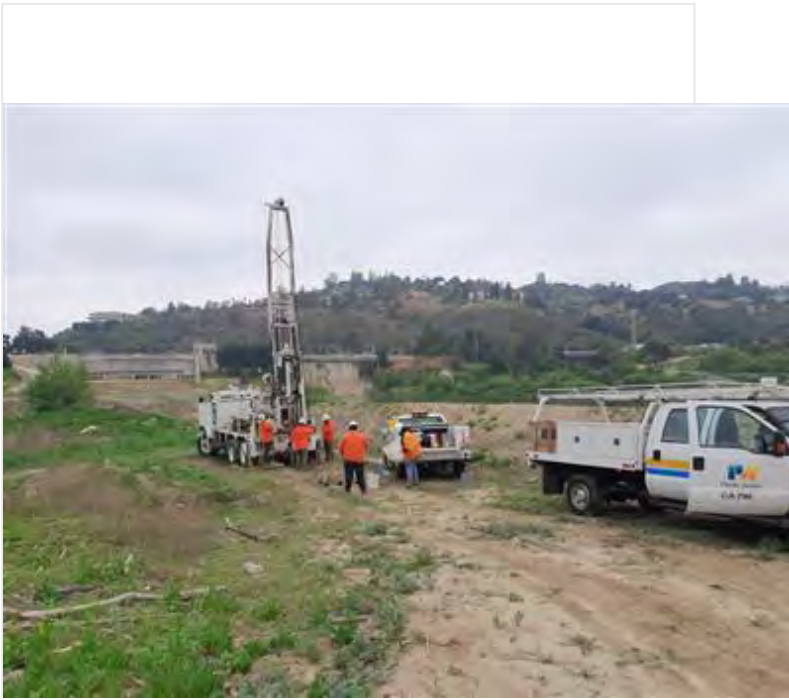
1347: Louie left and crew had drilled down to 50 feet.

1425: Hailley said they reached 55 feet, hit ground water and were done drilling for the day. She said they'd probably be ready to leave around 1530.

1455: Crew done for the day and heading off site. I conducted a sweep of the work area.

1510: Left the site.

Photo 1



LADWP crew drilling at boring location near Alta Dena drain_f...

Photo 2



LADWP crew drilling at 2nd boring location near Alta Dena dr...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:10

Ending Temperature (°F)

83

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping, slanted strokes, is centered within a white rectangular box.

signature-20220428-183634.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 28, 2022, 1:47:33 PM

Date of Log

Apr 28, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Crew of 10 hand weeding in DG-4B and DG-4-WOUS, DG-4 WOUS connections.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

By Mike Walsh.

Species Observed While Monitoring

SOSP, RCPA, CAGO, BHGR, NOMO, HOFI, COYE, NRSW, BEWR, BUSH , CASJ ,SPTO, CAKI, NUWO, MODO, ALHU, HOOR, ACWO, OATI, BHCO, WWPE, CAQU, WTSW, RTHA, AMCO, LEGO, ATFL, OCWA, checkered white, monarch, alligator lizard, Botta pocket gopher, CA ground squirrel,

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0645 assignment. 0645-0710 nest check of DG4B. 0710-0950 weeding of same area. 0950-1030 weeding of DGwatersofUS. 1030-1200 moved NW to avoid singing LBVI detected by Mike Walsh. Ended weeding when possible CAQU nest found on ground. Mike Walsh recorded nest. 1220 given clearance by Taylor to pick up weeds from LBVI area. Weeds picked up until 1340.

Photo 1



photo_1-20220428-DG4B-lookingNbefore.jpg

Photo 2



photo_2-20220428-DG4B-lookingNafter.jpg

Photo 3



photo_3-20220428-DGwaters-lookingSbefore.jpg

Photo 4



photo_4-20220428-DGwatersofUS-lookingSafter.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

7,650

Ending Wind Range (MPH)

4-6

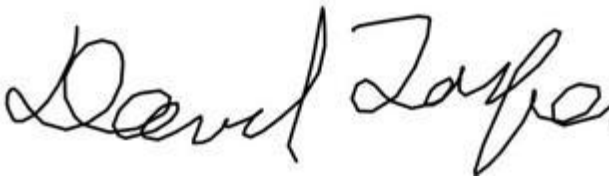
Ending Cloud Cover (%)

80

Additional Comments

N/A

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "David Tafel".

signature-20220428-204652.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Apr 28, 2022, 5:00:08 PM

Date of Log

Apr 28, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU KILL CALT YEWA COYE CATH SOSP WWPE CASJ HOFI AMCR CORA RCKI ACWO HOWR NOMO ANHU NUWO

Reptiles: Western fence lizard

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field. Two crew members split off and use line trimmers to clear the ramp on the western side slope.

0705: Biologist finds EUST nest in an electrical pole near the western side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1400: Crew finds CAQU nest in Johnson Field.

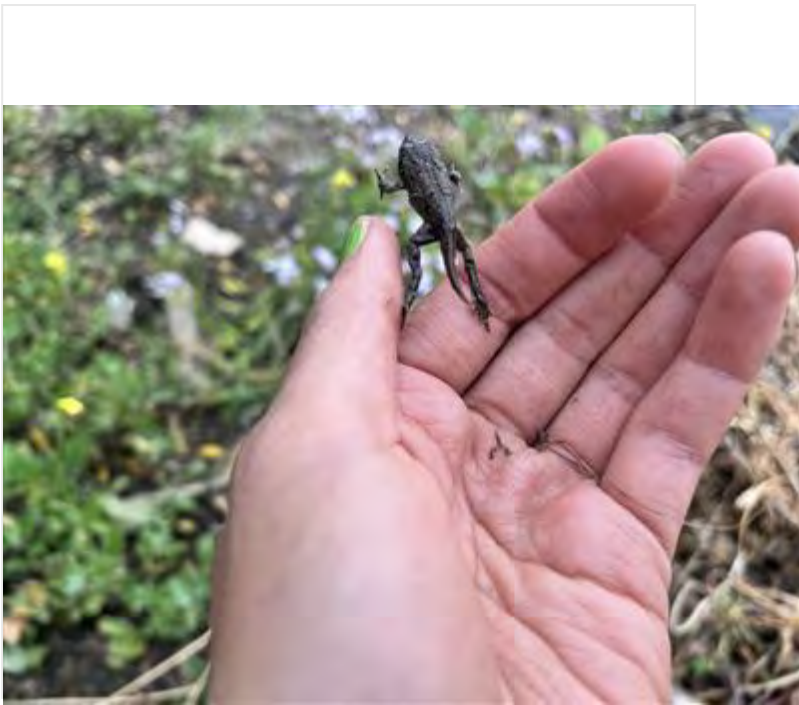
1500: Crew stops work for the day.

Photo 1



Weed_whacking_sideslopes_facingS.JPG

Photo 2



Baby_toad_near_sideslopeW.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

66

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

60

Signature

A handwritten signature in black ink, appearing to read "L. A. Uysdegger", is centered within a white rectangular box. The signature is written in a cursive style with a prominent loop at the beginning.

signature-20220428-201723.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Apr 28, 2022, 10:39:11 PM

Date of Log

Apr 28, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 4 setting up irrigation in DG-4 WOUS, larger crew weeding nearby under David Torfeh occasionally monitored by me

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Least Bell's vireo**
- **Yellow warbler**

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

Could not see much due to thick herbaceous cover, bird not visualized. Sang for 20 minutes in DG-4 WOUS at about 1015. Performed regular paired song, along with whisper song (1x) and wandering song (1x). Area was a clearing filled with 5-6 foot high invasive herbs (mustard, Conium) flanked by Salix goodingii and Bacharris salicifolia. Was not detected afterward.

Species Observed While Monitoring

HOFI, CATH, BUSH, ACWO, CAQU, COYE, SOSP, BEWR, ANHU, MODO, CASJ, CALT, WBNU, BHGR, SPTO, NUWO, ROPI, LEGO, ATFL, BUOR, NRWS, BGGN, PSFL, CAKI, WETA, WTSW, YEWA, OCWA.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: met with Taylor Dee (ECORP) to talk about yesterday's LBVI sighting, crew was setting up. **0700:** surveyed DG-4 WOUS (southern end) while foreman Daniel Holmes was nearby pulling Conium. Also surveyed north end of DG-4 WOUS, flagged off all relevant buffers. **0730:** Monitored crew of 4, removing patches of Conium in DG-4 WOUS and laying irrigation as they went. Instructed them where to leave room for channels and planned for the proper channel widths. **1000:** David's crew began weeding nearby. **1015:** heard LBVI about 100 ft south of crew, at the edge of the work area. Immediately told crew to head to parking lot to assess. Made them push the 4x4 they had been using to haul tarps up to the parking lot to prevent disturbance. **1035:** LBVI stopped calling. Allowed 1 crew member to quietly remove tools under my direct supervision. By now rest of crew was under supervision of David Torfeh. **1145:** crew weeded in DG-4 WOUS connections, over 300 feet from territory following call with Lauren Simpson (ECORP). Stayed nearby and made some phone calls to inform other SW staff, talked with Taylor Dee about sighting. Area was surveyed/monitored by David Torfeh. **1210:** was informed that a quail was likely flushed off nest, with no sign of the adult around. Saw ~8 eggs; nest was at the border of where they had weeded to. Established 200 foot buffer, moved crew out of line of sight. Crew resumed pulling weeds/setting up irrigation as they had done earlier in the day in DG-4 WOUS with permission of Lauren Simpson. LBVI not heard. Piled some vegetation around the flushed quail nest in hopes of making it more concealed, to attract adults back (also advised by Lauren Simpson to do this). They were heard nearby but still had not returned. Did not check again for rest of day to prevent further disturbance. **1300:** crew switched to cleanup, which was monitored by David Torfeh. Took photos and left site.

Photo 1



photo_1-20220428-new_irrigation_facingE.jpg

Photo 2



photo_2-20220428-Weeded_area_FacingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:15

Ending Temperature (°F)

66

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

100

Additional Comments

Misty precipitation around 0630 for ~ 1 hour.

Signature

A handwritten signature in black ink, appearing to read "M. F. W. A. S. T.", enclosed within a thin black rectangular border.

signature-20220428-223735.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 2, 2022, 9:20:31 AM

Date of Log

Apr 29, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA NRWS KILL CALT YEWA COYE CATH SOSP WWPE CASJ HOFI AMCR CORA RCKI ACWO
HOWR NOMO ANHU NUWO**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field. Four crew members work on the ramp of the western side slope.

0650: Biologist uses pink flagging to delineate a 100 ft "no work" buffer around the CAQU-01 nest. The nest is currently not being incubated as the female is still laying eggs to complete her clutch. Biologist conditionally allows two crew members to work within the buffer. The reasoning behind this is to allow the crew to complete work within the buffer ASAP before the pair starts to incubate and could be disturbed from the nest.

0805: Biologist finds a second CAQU nest within a planting basin approximately 10 feet to the east of CAQU-01.

0900: Crew takes a break.

0915: Crew returns to work.

1000: Biologist observes a pair of quail seemingly trying to access the nests within the buffer. Biologist moves the crew outside of the buffer. Female is later seen on CAQU-02, presumably laying an egg.

1045: Adult coastal whiptail seen in Johnson Field.

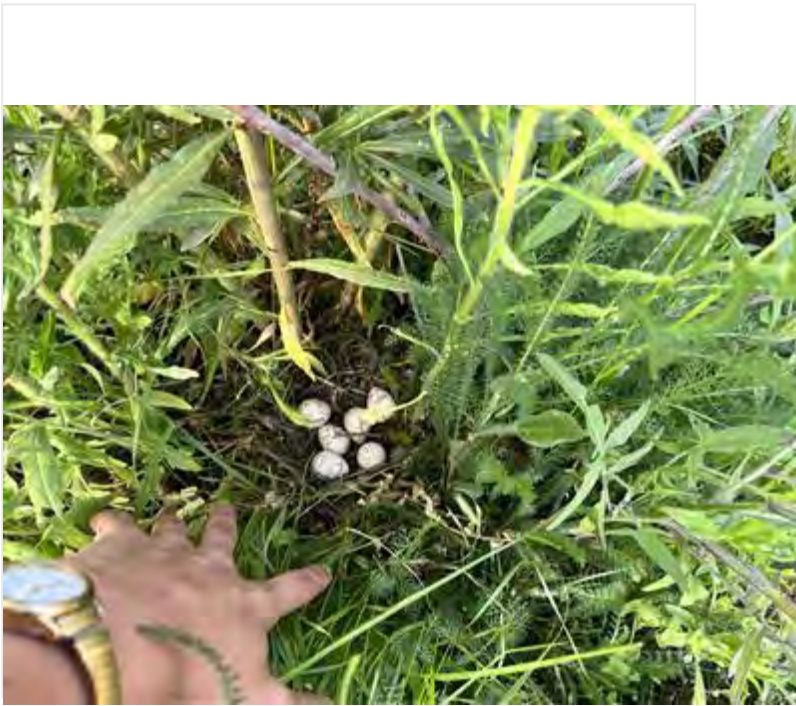
1100: Subadult coastal whiptail lizard seen at northern border of Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



CAQU-02_nest_JohnsonField.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Sensitive species detected: coastal whiptail

Signature

A rectangular box containing a handwritten signature in black ink. The signature reads "Tala Undergrave" in a cursive, flowing script. The letters are connected, and the overall style is elegant and personal.

signature-20220429-180539.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 1, 2022, 1:00:23 PM

Date of Log

Apr 29, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

90

Construction Activity and Personnel

Natures image crew of 12, weeding, installing irrigation, and staking in DG-4 WOUS

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**
- **Least Bell's vireo**

Were any least Bell's Vireo detected?

Yes

Describe Observation of least Bell's Vireo

Observed singing on and off from 1000 until 1400 in a large polygon that was recorded in collector. Overlapped with Scott's territory from last week and extended southwest into DG-4B. Sang for most of day in the large mulefat thicket. Heard performing a few Whisper songs. No nesting behavior observed. Unbanded, presuming that it is the same individual from the last few days. observations began immediately after cloud cover receded.

Species Observed While Monitoring

BGHR, NOMO, BEWR, SPTO, CASJ, SOSP, CAQU, YRWA, CALT, CATH, COYE, OATI, OCWA, NUWO, PUF1, RCPA, BGGN, NEWS, CANG, KILL, MALL, CORA, WIWA, YEWA, ALHU, LEGO, COHA, WTSW, PSFL, LBVI, western fence lizard, common side blotched lizard, desert cottontail.

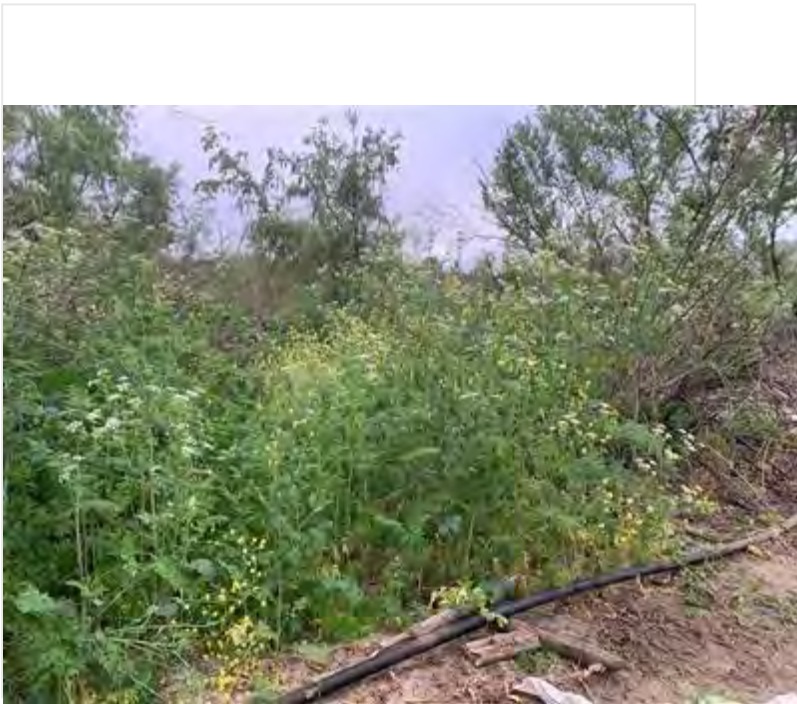
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: tailboard meeting to discuss action plan for LBVI observations and best practices. Went over plan for day and reiterated relevant buffers. 0655: surveyed work area. 0710: cleared crew to work. Half of crew was weeding, half was setting up irrigation. All work on south side of DG-4 WOUS. 0750: observed YEWA male foraging. 0840: found RCPA nest on way back from break near boulder. Logged in collector, no buffer as this species is nonnative and nesting in a cavity that was occupied by an ACWO last season. 0930: crew began laying irrigation about 300 feet north in a graded area of DG-4 WOUS. 1000: relocated crew due to LBVI male calling nearby. Crew was moved back to original location, which was 300 feet south. Checked in on the LBVI every few minutes to ensure it was not getting closer. 1130: LBVI had moved to the far west side, near DG-4B. Began requiring crew to be escorted through that area if they had to. Sent 6 crew members to continue with irrigation and start staking in the area they had been relocated from under close supervision; LBVI was currently about 400 feet SW. monitored staking. 1235: relocated staking crew again to southern location because the LBVI returned. Crew spent rest of day staking and setting up irrigation there. 1330: crew began working on cleanup, I escorted them through the site. Crew reoriented all stored stakes so that only the bottom ends were submerged.

Photo 1



photo_1-pre_clearing_DG-4_WOUS_facingW.jpg

Photo 2



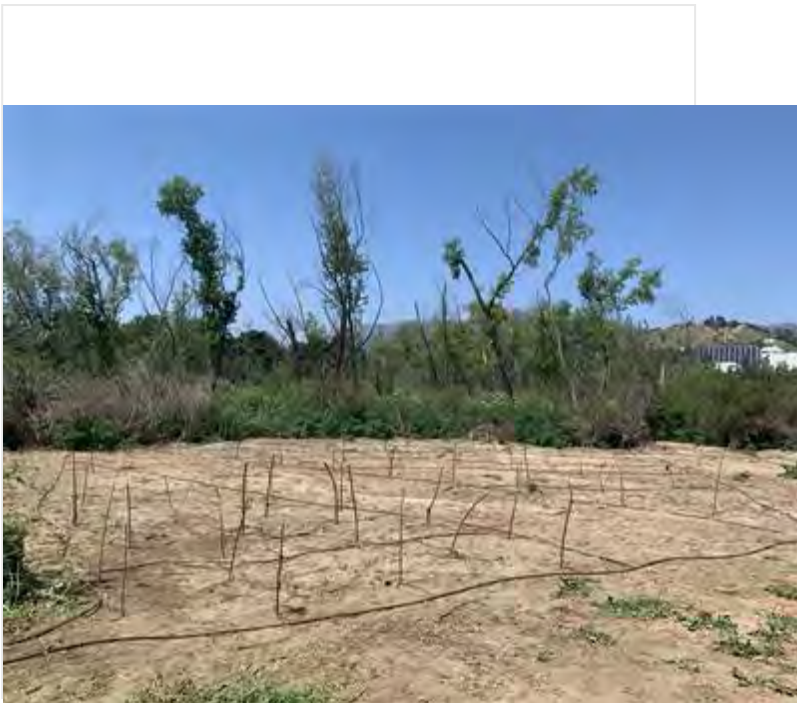
photo_2-post_clearing_DG-4_WOUS_facingW.jpg

Photo 3



photo_3-new_stakes_facingSE.jpg

Photo 4



photo_4-new_stakes_facingNW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

66

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. K. [unclear]". The signature is written in a cursive, somewhat stylized font. The first letter is a large, bold "M". The second letter is a smaller "K". The rest of the signature is less legible but appears to be a name or set of initials.

signature-20220501-125813.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 2, 2022, 5:06:01 PM

Date of Log

May 2, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA BHGRBNRWS KILL CALT CATH SOSP CASJ HOFI AMCR CORA RCKI ACWO HOWR NOMO ANHU ALHU

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field.

Biologist conditionally allows two crew members to work within the buffer of the CAQU-01 and CAQU-02 nests. The reasoning behind this is to allow the crew to complete work within the buffer ASAP before the pair starts to incubate and could be disturbed from the nest. Biologist monitors as crew works in the buffer.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Biologist moves the crew outside of the CAQU nest buffer. Females are later seen on both the nests, presumably laying an egg.

1145: Biologist finds another CAQU-03 nest with seven eggs in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work. Biologist allows two crew members to work within the CAQU-03 nest buffer as the adults are not accessing the nest. Biologist monitors while work occurs in buffer.

1500: Crew stops work for the day.

Photo 1



Coastal_whiptail_JohnsonField_facingN.JPG

Photo 2



!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Sensitive species detected: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "John H. Hedges", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal tail.

signature-20220502-211142.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 2, 2022, 2:22:34 PM

Date of Log

May 2, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7 working on hydroseeding and staking in DG-4 WOUS and the west basin slope

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, LEGO, ACWO, SPTO, MODO, YEWA, BEWR, CATH, CASJ, BHGR, NRWS, COYE, MALL, RCPA, NUWO, SOSP, COHA, ANHU, CAQU, WIWA, HOFI, ALHU, BUSH, WETA, GBHE, WTSW, BHCO (in trap), EUST, NOMO, SPSA, KILL, CANG, DOWO, western fence lizard, common side blotched lizard, California ground squirrel, desert cottontail.

Did You observe any Non-Compliance Issues?

No

Log Entry

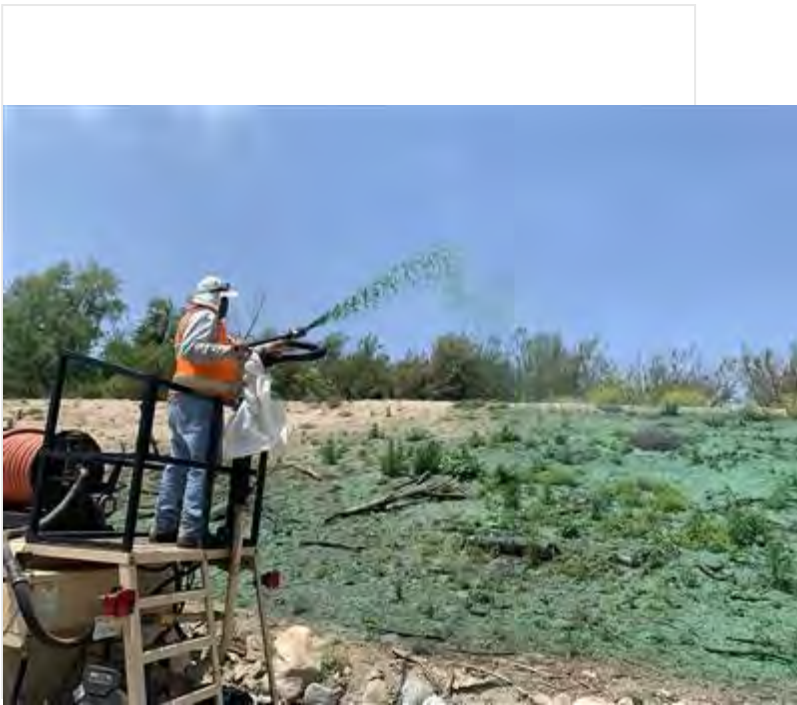
0630: surveyed work area while crew set up. 0640: monitored staking in DG-4 WOUS. Instructed crew on where to and where not to plant. 0850: surveyed and then escorted crew of 3 with skid steer, truck, and kubota into the basin for hydroseeding. Scott's weeding crew was immediately adjacent to the staking crew. 1000: surveyed LBVI territories while seeding crew set up. 1130: came back from break, monitored hydroseeding of the West basin slope. 1300: observed female CAQU from Thursday back on nest. 1415: crew began wrapping up hydroseeding and staking. Surveyed area and took photos.

Photo 1



photo_1-before_hydroseeding_facingN.jpg

Photo 2



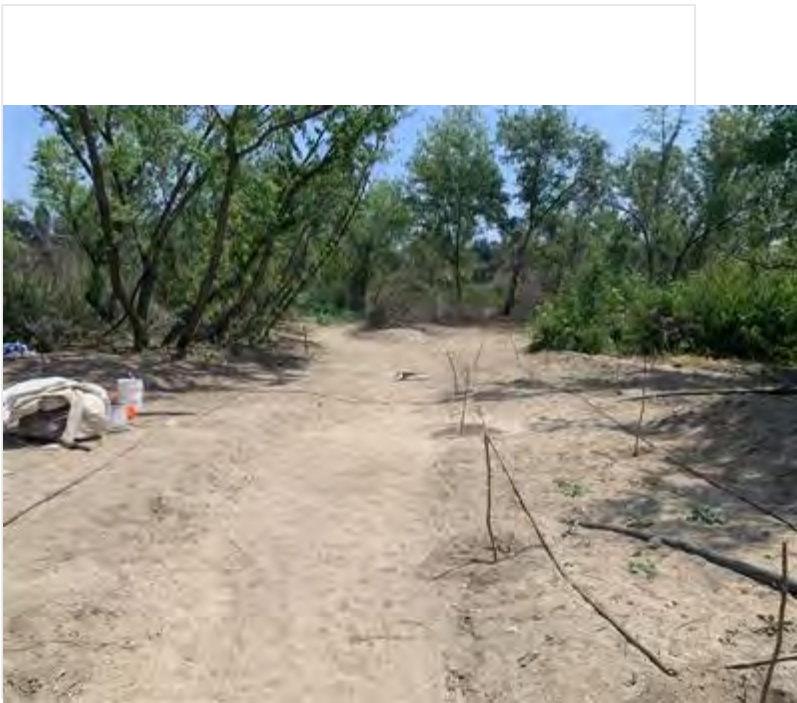
photo_2-hydroseeding_facingW.jpg

Photo 3



photo_3-after_hydroseeding_facingN.jpg

Photo 4



photo_4-20220502-staking_progress_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:18

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. L. WASH", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220502-141937.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 3, 2022, 1:32:16 PM

Date of Log

May 2, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures Image crew of 3 hand-pulling weeds on west side of Project Area, Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BHCO, SPTO, CALT, CASJ, BEWR, RCPA, LEGO, BHGR, NUWO, BUSH, unk Empid., w fence liz, RTHA, TUVU, ACWO, CATH, CAQU, BUOR, LAZB, ANHU, ALHU, WAVI, WIWA, BARS, WTSW, NRWS, WETA, NOMO

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 start weeding along former horse trail that cuts eastward from parking lot toward reservoir. This is DG-4 WOUS. Mostly Conium and Hirschfeldia growing at the willow-mule fat woodland edge and under the willow canopies. Two nest buffers removed due to inactive nest status. 0845 nearby planting crew moves into this area and I monitor them as well while Mike Walsh is with a nearby hydroseed crew along reservoir banks. Planting crew is digging holes for mule fat and willow cuttings while running additional irrigation line. Fairly quiet birdwise most of day. CALT briefly carrying material and pair active in the work area, but no nest found.

Photo 1



photo_1-handpulling_DG-4-WOUS_facingN.jpg

Photo 2



photo_2-handpulling_DG-4-WOUS_facingSE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'J. A. L.', is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial 'J' and a long horizontal stroke at the end.

signature-20220502-210356.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 4, 2022, 5:44:24 AM

Date of Log

May 3, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

52

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA BHGR NRWS KILL CALT CATH SOSP CASJ HOFI AMCR CORA ACWO HOWR NOMO ANHU ALHU COHA

Reptiles: Western fence lizard, side blotch lizard, rattlesnake, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field.

Biologist conditionally allows two crew members to work within the buffer of the CAQU-03 nest. Biologist monitors as crew works in the buffer.

0745: Crew finds a lone quail egg out in the open and not in a nest near the CAQU-03 nest. Biologist returns egg to nest.

0900: Crew takes a break.

0915: Crew returns to work. Two crew members conditionally work within CAQU-01 and 02 buffers while biologist monitors.

1135: Crew finds baby rattlesnake in Johnson Field.

1200: Crew breaks for lunch.

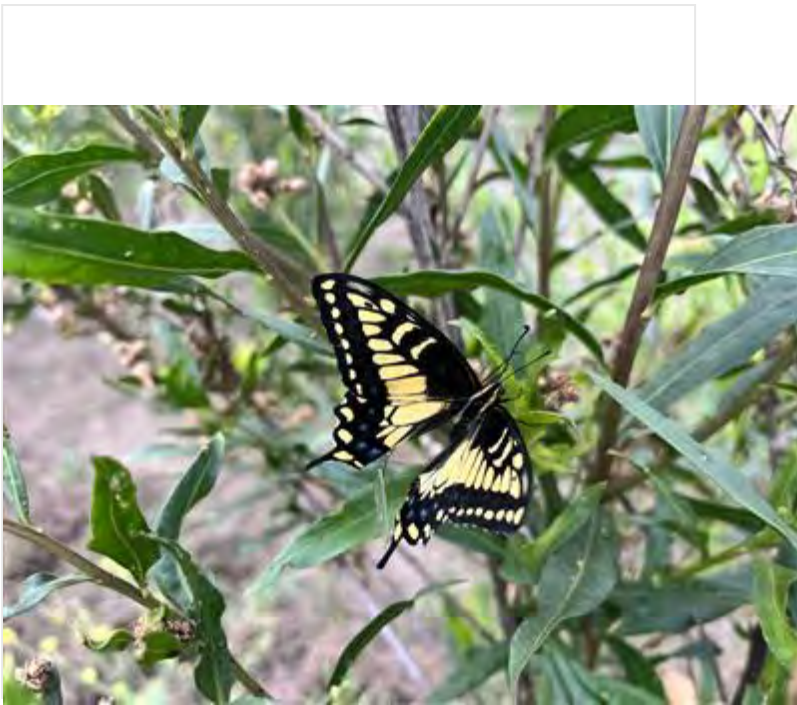
1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1

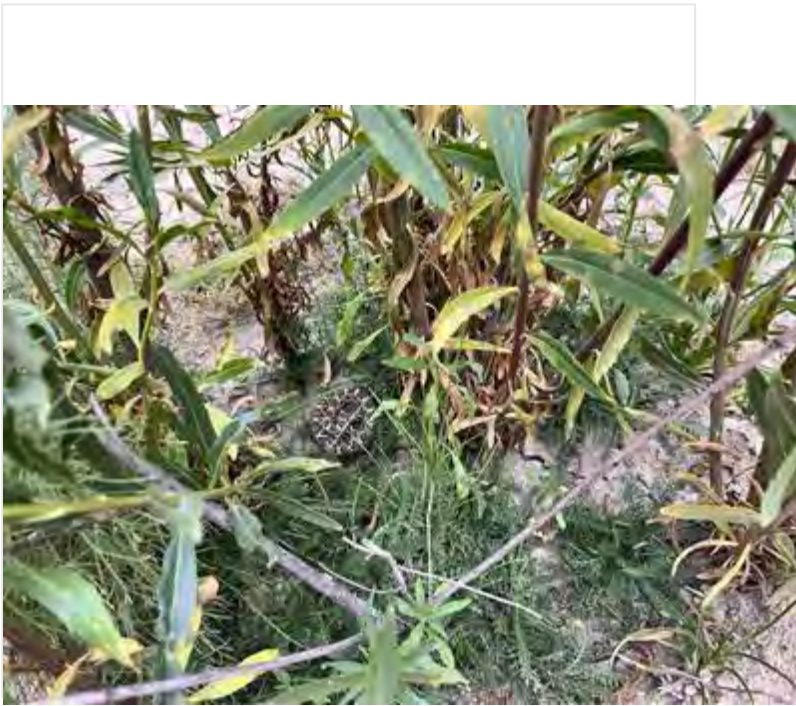


Photo 2



Anise_swallowtail_johnson_field.JPG

Photo 3



Rattlesnake_johnson_field.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

35

Additional Comments

Special status species observed: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "Kela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "K" and a long, sweeping tail.

signature-20220503-202056.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 4, 2022, 11:51:02 AM

Date of Log

May 3, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 5 planting stakes in DG-4 WOUS, crew of 3 hydroseeding the W basin slope.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, BEWR, MODO, SOSP, COYE, SPTO, CAQU, CATH, RCPA, CAKI, BCHU, CORA, KILL, BARS, LEGO, BHGR, GREG, OATI, YEWA, ANHU, BUSH, HOFI, WTSW, NRWS, CANG, VGSW, HOSP, RTHA, COHA, EUST, EUCD, western fence lizard, common side blotched lizard, coastal whiptail, desert cottontail, western toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0640: crew of 5 worked on planting stakes in DG-4 WOUS at the south end. Crew was lining the new channels with willows and mulefat. Flagged off areas to be planted for crew. 0900: hydroseeding crew began work heading S. Swept path ahead of them for nests, escorted them into basin. 1300: checked a bushtit nest north of crew, closed an inactive CASJ buffer on the north side of DG-4 WOUS. 1405: crew began wrapping up efforts while I inspected the site. Observed large southern pacific rattlesnake, advised crew to avoid.

Photo 1



photo_1-20220503-before_planting_facingW.jpg

Photo 2



photo_2-20220503-hydroseeding_progress_facingW.jpg

Photo 3



photo_3-20220503-after_planting_facingW.jpg

Photo 4



photo_4-20220503-rattlesnake_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

45

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. K. W. A. T.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220504-114915.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 9, 2022, 12:31:18 AM

Date of Log

May 3, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Crew of 3 temp workers pulling weeds on west side of Project Area. Oscar Ortiz of NI is supervising while assisting in same area with irrigation and planting. Slight crossover monitoring planting crew who is working in same area and is monitored by Mike Walsh.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SPTO, CALT, CASJ, BEWR, RCPA, LEGO, BHGR, NUWO, BUSH, COHA, w fence liz, RTHA, TUVU, ACWO, CATH, CAQU, AMRO, BLGR, ANHU, BARS, WTSW, NRWS, NOMO, SWTH, so. Pac. rattlesnake, SOSP, coastal whiptail, sb liz

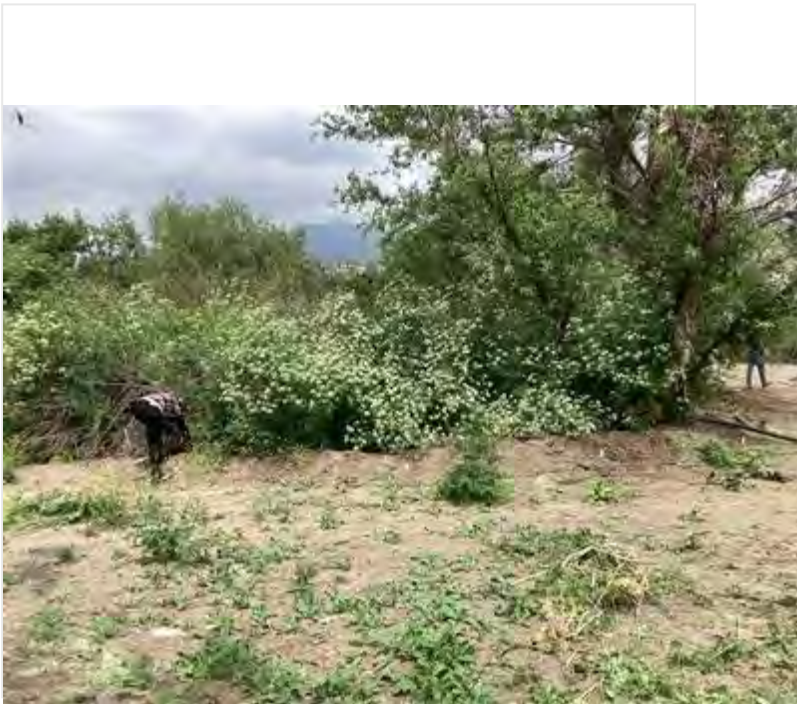
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 work continues in same area as yesterday in recently established channels at 34.191839°N 118.173663°W (DG-4-WOUS). Vegetation is Goodding's Willow Forest. 1000 new bushtit nest being built, so the crews were kept out of a buffer. Very late for a new BUSH nest - doubtful if it will get completed. Area is otherwise free of nesting although occasional loud CALT forage in area. Nearby planted area from 2020 has good CALT habitat but no nests found. Rattlesnake in afternoon moved out of site on its own.

Photo 1



photo_1_handpulling_DG-4_WOUS_facingN.jpg

Photo 2



photo_2_after_handpulling_DG-4_WOUS_facingN.jpg

Photo 3



photo_3_after_handpulling_DG-4_WOUS_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of stylized initials followed by a long horizontal stroke.

signature-20220509-072829.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 5, 2022, 11:30:45 AM

Date of Log

May 4, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

40

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA BHGR NRWS BASW KILL CALT CATH SOSP CASJ HOFI AMCR CORA ACWO HOWR NOMO ANHU ALHU RTHA YEWA COYE

Reptiles: Western fence lizard, side blotch lizard, rattlesnake, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field targeting star thistle, Erodium, pepperweed, and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

0940: Biologist finds a dead baby cottontail rabbit that appears to have been killed potentially by an unleashed dog.

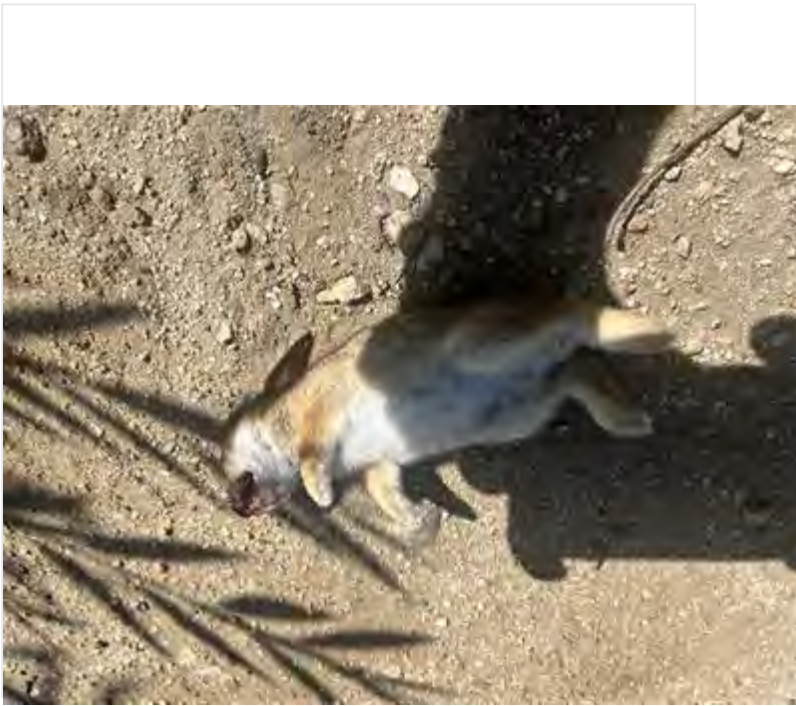
1000: Biologist sees YEWA in DG-01.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Dead_cottontail_johnson_field.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Special status species observed: coastal whiptail and YEWA

Signature

A handwritten signature in black ink, reading "John Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J".

signature-20220504-205832.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 5, 2022, 8:10:41 PM

Date of Log

May 4, 2022

Monitor/Biologist

Michael walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 7 weeding and planting in DG-4 WOUS, crew of 3 hydroseeding the west basin slope.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

YEWA, RCPA, SPTO, BEWR, BHGR, SOSR, LEGO, ACWO, WREN, MODO, CALT, CATH, COYE, EUCD, CAQU, NOMO, ANHU, CASJ, NRWS, BUSH, KILL, PSFL, RTHA, WIWA, CANG, BARS, RNDU, ATFL, WAVI, PUFU, EUST, ALHU, OATI, CAKI, AMCR, CORA, WEWP, SNEG, AMRO, CLSW, California ground squirrel, BHCO, HEWA, AMCO, MALL, SPSA, NUWO, WEBL, BTPI, BGGN, ROPI, fox squirrel, DEJU, WETA, BLPH, YRWA, WBNU, HOOR, BCHU, HOFI, HUVI, HOWR, TOWA, desert cottontail, western toad, western fence lizard, common side blotched lizard, coastal whiptail

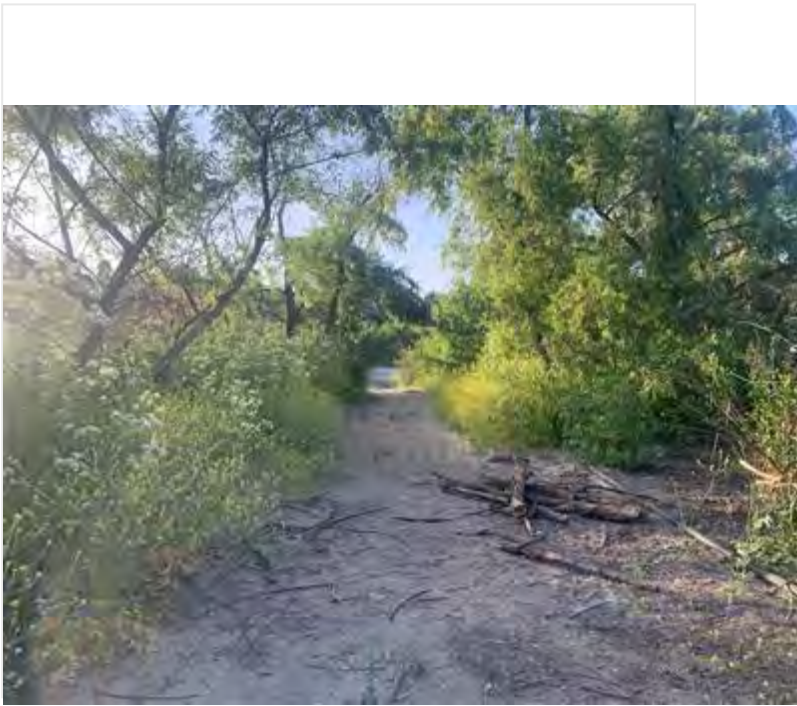
Did You observe any Non-Compliance Issues?

No

Log Entry

0620: briefly looked through old LBV territories. 0635: surveyed work area while crew set up. 0645: monitored vegetation clearing and planting in DG-4 WOUS. Crews were very close together. Main weeding target was mustard and Conium lining the east side of the horse trail. 1000: surveyed LBVI territories and DG-4A in anticipation of crew moving there. Updated numerous nests, found a bushtit nest in DG-4. Surveyed basin slope for hydroseeding crew. 1130: hydroseeding crew began work after being escorted into basin. Monitored both crews, they were very close together. Staking crew finished the southern end of DG-4 WOUS, hydroseeding crew has made it to 'boulder' region. 1300: crew was working in areas that had been surveyed for several days, took west side photo points while they continued. 1415: crew began wrapping up efforts to focus on cleanup and irrigation while I surveyed the site.

Photo 1



photo_1-20220504-before_weeding_facingW.jpg

Photo 2



photo_2-20220504-after_weeding_facingW.jpg

Photo 3



photo_3-20220504-Seeding_progress_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

10

Additional Comments

Very high avian species richness (61) might be explained by weather- today was first fully sunny and warm day after a weeklong cold snap with overcast mornings. More birds singing than usual until midday.

Signature

A handwritten signature in black ink on a white background. The signature reads "Mike West" in a cursive, slightly slanted font. The letters are connected, and the overall style is casual and legible.

signature-20220505-200235.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 9, 2022, 1:30:24 PM

Date of Log

May 5, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image hand weeding crew of 3 in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATO, BEWR, SPTO, NRSW, MODO, ECDO, RCPA, YEWA, SOSP, ACWO, WETA, AMRO, LEGO, CATH, CAQU, NUWO, BHGR, CASJ, HOFI, HUVI, mourning cloak, CA ground squirrel, western fence lizard, BUSH, BGGN, COYE, umber skipper, cabbage white, western tiger swallowtail, common buckeye, painted lady, PHAI, HOWR, red admiral, orange sulphur, monarch, WEKI, coast whiptail, cloudless sulphur,.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630-0650 Assignment. 0650-0800 handweeding of very low growth working east in DG4A while I checked hemlock for nests at east end of planned work. No nests found. 0800-1400 continuation of handweeding.in DG4A. Also continued looking for nests in vicinity.

Photo 1



photo_1-20220505-DG4A-lookingEbefore.jpg

Photo 2



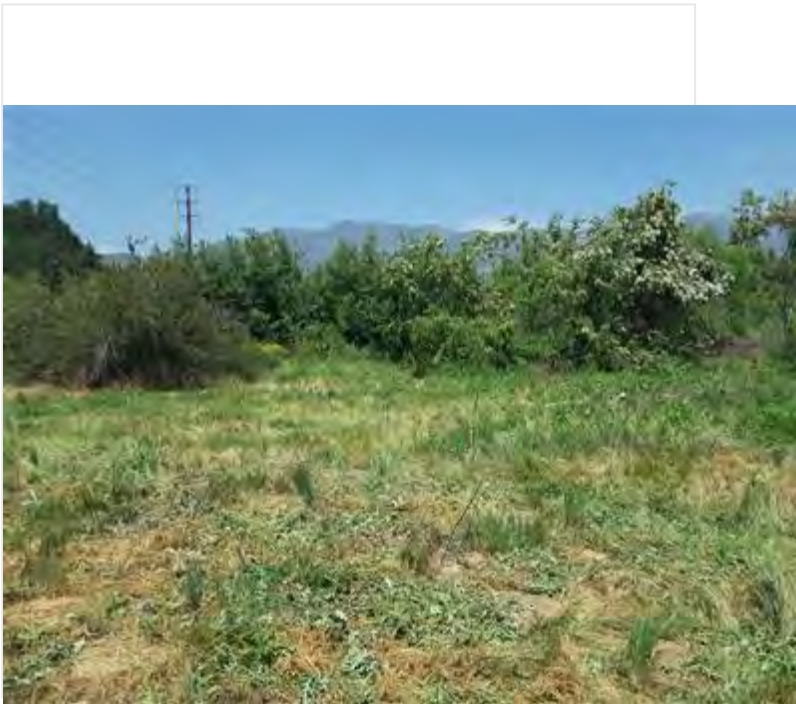
photo_2-20220505-DG4A-lookingEafter.jpg

Photo 3



photo_3-20220505-DG4A-lookingNbefore.jpg

Photo 4



photo_4-20220505-DG4A-lookingNafter.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:06

Ending Temperature (°F)

84

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

10

Additional Comments

Singing YEWA update put in Collector.

Signature

A handwritten signature in black ink, reading "Paul Taylor", is centered within a rectangular box. The signature is written in a cursive, flowing style.

signature-20220505-210605.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 8, 2022, 12:00:30 PM

Date of Log

May 5, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA BHGR WETA COYE KILL CALT CATH SOSP CASJ HOFI AMCR CORA ACWO HOWR NOMO ANHU ALHU NUWO RTHA

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on Johnson Field and DG-02 targeting star thistle, Erodium, poison hemlock, pepperweed, and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1330: Biologist finds NUWO nest in DG-02.

1500: Crew stops work for the day.

Photo 1



Monarch_DG-02.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

82

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

Special status species observed: coastal whiptail

Signature

A handwritten signature in black ink, reading "Lela V. P. Lynn", is centered within a white rectangular box. The signature is written in a cursive, flowing style.

signature-20220505-204955.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 5, 2022, 7:54:43 PM

Date of Log

May 5, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 4 planting stakes in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAQU, YEWA, SPTO, SOSP, BGGN, ANHU, LEGO, CATH, CALT, HOFI, ACWO, RCPA, BEWR, NUWO, BHGR, PUFU, BUSH, KILL, NRWS, CASJ, ROPI, RTHA, MODO, BTPI, CAKI, AMRO, WBNU, WEBL, DEJU, EUCD, desert cottontail, WTSW, CANG, MALL, AMCO, SPSA, NOMO, ATFL, CORA, WREN, California ground squirrel, western fence lizard, common side blotched lizard, coastal whiptail, western toad.

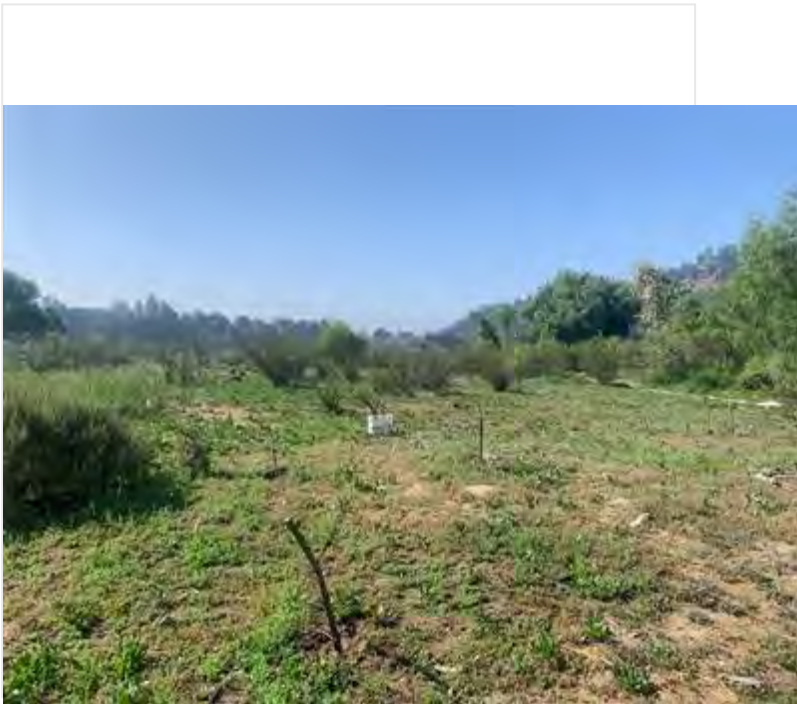
Did You observe any Non-Compliance Issues?

No

Log Entry

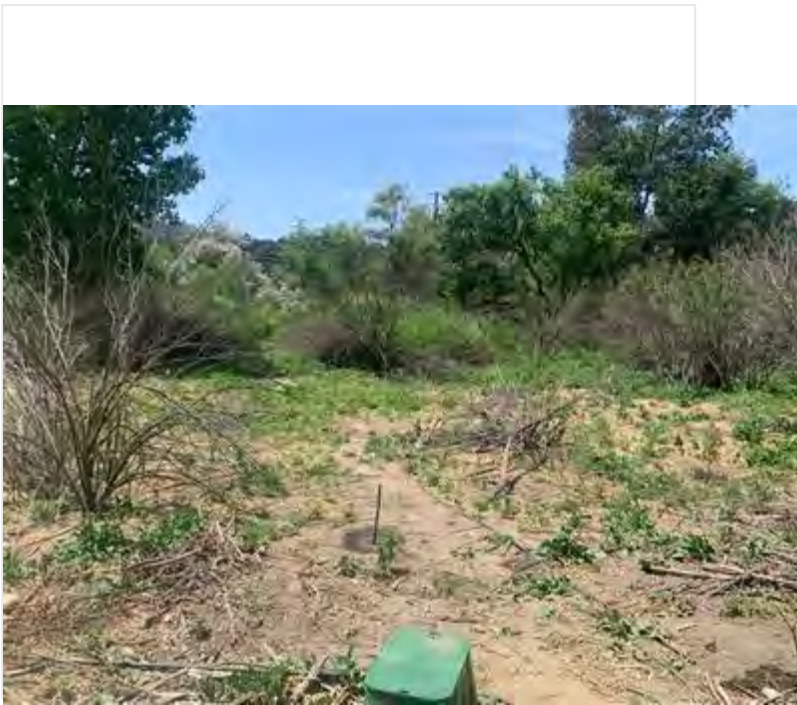
0630: surveyed work area while crew set up. 0645: crew began working in DG-4A just north of the sheetflow area planting Salix and mulefat stakes. Area was already irrigated, but was left vacant due to the LBV observation on 4/27. Has not been seen in area since. Showed crew where to plant and oversaw quality of stakes/ spacing etc. 1000: crew moved to boulder region, continued staking as described. Monitored these activities. 1400: crew began wrapping up pulling while I inspected the site.

Photo 1



photo_1-20220505-staking_progress_DG-4A_facingS.jpg

Photo 2



photo_2-staking_progress_DG-4A_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

0

Additional Comments

Hydroseeding did not occur due to maintenance issues, that crew spent the day servicing the hydroseeding machine

Signature

A handwritten signature in black ink, appearing to read "M. F. P. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220505-195306.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 6, 2022, 2:17:34 PM

Date of Log

May 6, 2022

Monitor/Biologist

Nicholas (Cole) Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Weed abatement/Veg clearing**
- 2. Hand tools**
- 3. Crew of 10 + Caesar Olmos. Gothic Landscape**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, Parakeet sp., HOWR, ANHU, NUWO, CAQU, COYE, SPTO, CASJ, HOFI, CALT, BUSH, BASW, CATH, WIWA, LABU, COHA, LEGO, RTHA, NOMO, WREN, TUVU, AMCR, NRWS

Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail (SSC)

Pocket Gopher,

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 discovered a HOWR nest in the same tree as the NUWO nest and flagged the tree off at around 30ft to establish a no work zone

0845 crew broke for break

0900 COHA seen flying over DG2 towards the upper portion of the trail with food in its talons. Was not located on the upper or lower portions of the trail after flyover.

0920 Gave the crew a talk regarding the denser veg area they would be moving into. Advised they only hit the really bad areas and avoid trying to thoroughly weed/walk through the site due to the high likelihood of SOSPP and COYE nesting. Also gave examples of what to look for in bird behavior that may indicate a nest should they disturb something like a SOSPP.

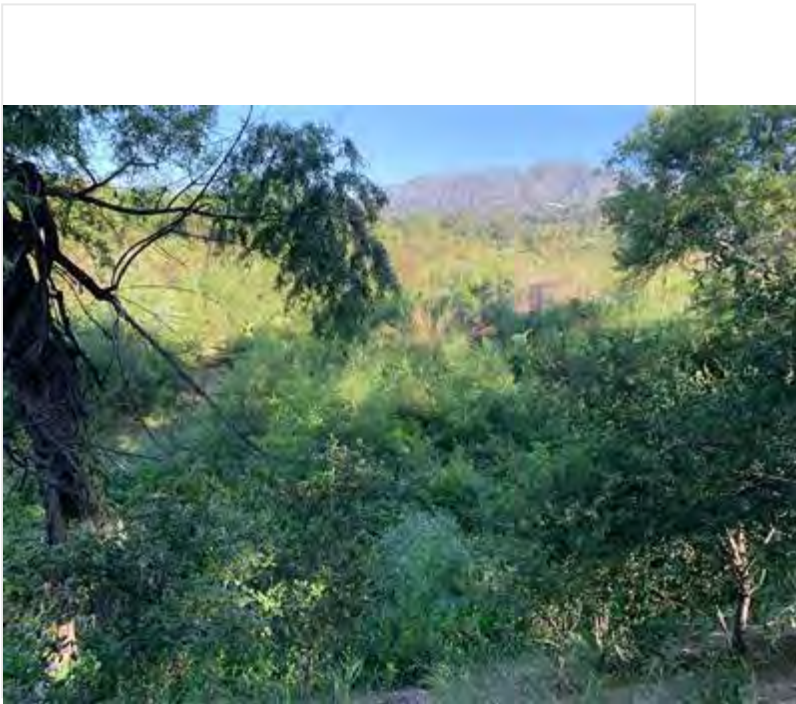
0930 presumably the same COHA seen soaring over the middle of the site. Lost sight of the bird 5 mins later.

0935 Coastal Whiptail seen near bench on corner of Johnson Field

1111 Coastal Whiptail seen in DG-2 restoration area

1236 Spoke with Mike regarding the hydroseeding being done on the banks

Photo 1



Crews_working_DG-2_near_flagging_facingW.jpg

Photo 2



Thick_vegetation_DG-2_facingW.jpg

Photo 3



Hydroseeded_bank_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

The upper portion of DG-2/lower edge of Johnson Field is densely vegetated and incredibly difficult to comprehensively survey without trampling vegetation and potentially nests. Numerous SOSP and COYE were observed, and given the cryptic nature of their nesting alongside many ground nesting species also present, the area should be weeded with care and precaution.

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

signature-20220506-211659.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 6, 2022, 2:30:16 PM

Date of Log

May 6, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

NI crew of 3, 4 and 3 working on weeding in DG-4, planting stakes in DG-4A, and hydroseeding on the West/East basin slope in respective order.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

DEJU, BUSH, ALHU, SOSP, BEWR, SPTO, RCPA, CALT, NOMO, RTHA, CASJ, LEGO, OATI, HOSP, AMRO, KILL, COYE, CANG, NRWS, HOFI, SAPH, YEWA, southern pacific rattlesnake, CAKI, ATFL, western fence lizard, western toad, common side blotched lizard, coastal whiptail, desert cottontail, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: arrived on site; main gate to park was closed. Crew waited for public works to open it. 0645: surveyed work area. 0700: monitored vegetation clearing and planting in DG-4 and DG-4A near the SW corner of boulder field. Weeding crew primarily targeted poison hemlock under nearby tree line. Escorted hydroseeding crew down to basin/surveyed. 0800: hydroseeding crew began work. Monitored between the 2 crews throughout the day. 1030: crew discovered that there was a large subsurface patch of asphalt which was roughly 3-6 inches below ground and fully intact, the area would otherwise house 25-30 plants if not for the asphalt. Instructed them to plant elsewhere in the vicinity because we do not currently have the equipment to penetrate and remove the slab. To my knowledge nobody on the project was aware of this until now. Marked on collector as "asphalt slab." 1100: crew found a southern pacific rattlesnake. 1130: flagged a few buffers on east side slope in anticipation of hydroseeding work. 1300: took east side photo points. Observed a killdeer doing the broken wing trick in basin while passing by, suspect a nest is nearby. Marked on collector. 1415: crews began wrapping up and working on cleanup while I inspected the site.

Photo 1



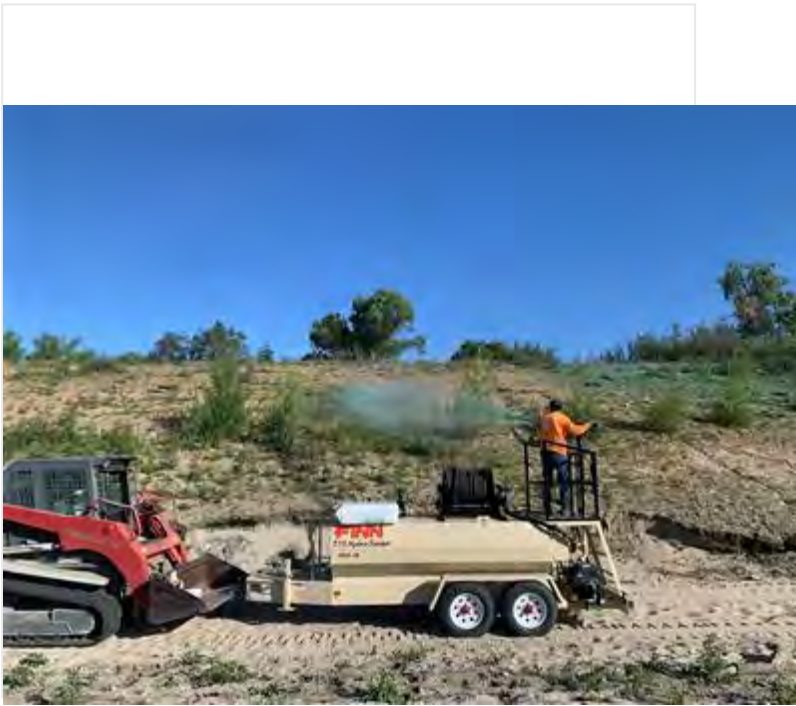
photo_1-20220506-before_weeding_facingS.jpg

Photo 2



photo_2-20220506-after_weeding_facingS.jpg

Photo 3



photo_3-20220506-seeding_facingW.jpg

Photo 4



photo_4-20220506-staking_progress_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

79

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. K. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220506-142327.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 10, 2022, 6:05:23 AM

Date of Log

May 9, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA COYE KILL CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-02 targeting Erodium, poison hemlock, pepperweed, and mustard.

0900: Crew takes a break.

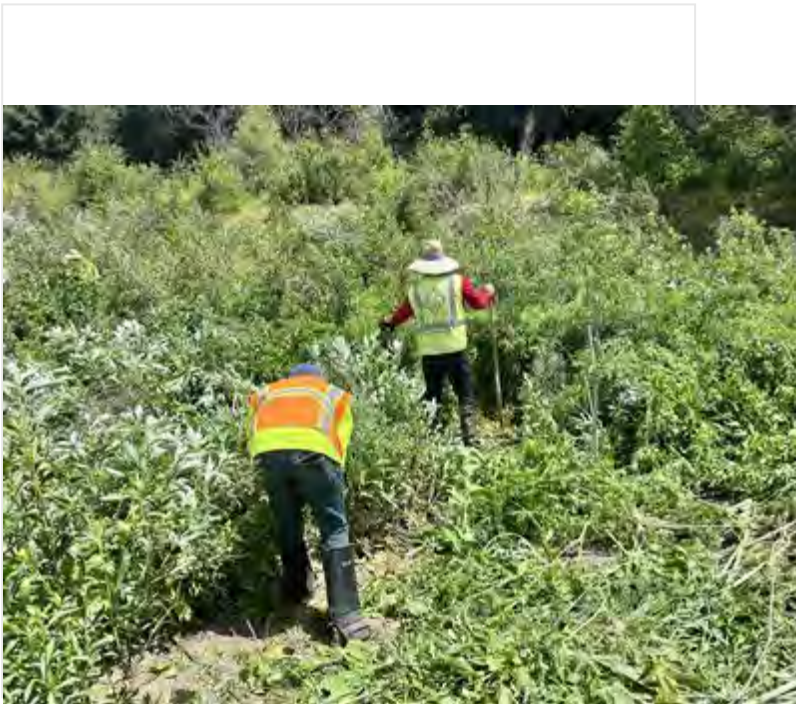
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



DG-2_crew_facingE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

50

Additional Comments

Signature

A handwritten signature in black ink, reading "Taha Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial 'T' and a long, sweeping underline.

signature-20220509-202651.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 9, 2022, 5:16:52 PM

Date of Log

May 9, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

07:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

40

Construction Activity and Personnel

Natures image crew of 6 and 3 working on irrigation/weeding in DG-4 WOUS and hydroseeding the east basin slope.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

DEJU, CAQU, CATH, BHGR, SOSP, BEWR, ANHU, BCHU, ATFL, OATI, WAVI, WEWP, RCPA, PHAI, BUSH, SPTO, NUWO, BARS, KILL, NRWS, TRSW, RTHA, HOFI, SPSA, CAKI, desert cottontail, California ground squirrel, western fence lizard, coastal whiptail.

Did You observe any Non-Compliance Issues?

No

Log Entry

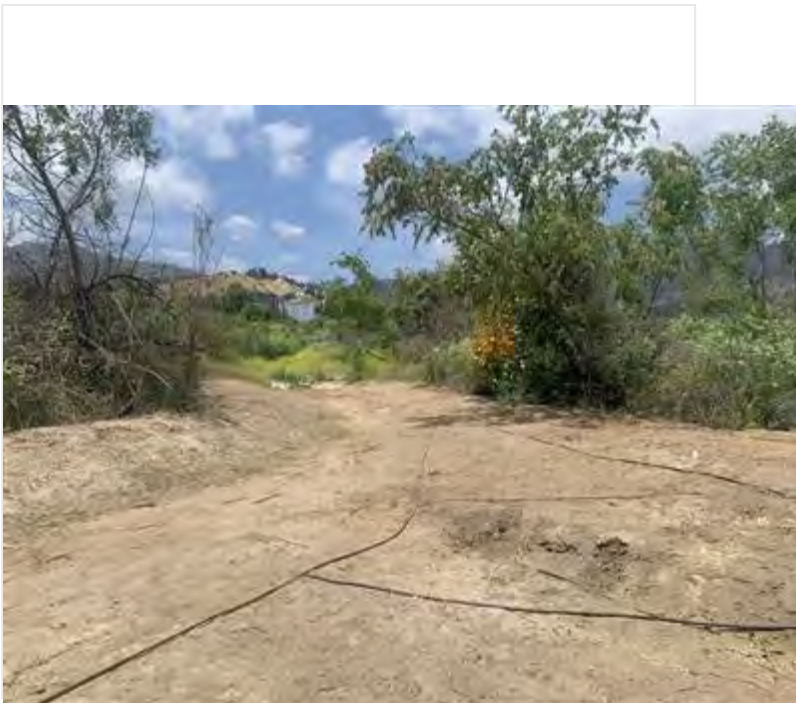
0630: swept work area for nesting activity. 0650: cleared weeding/irrigation crew of 6 to work in DG-4 WOUS. Primary focus was on the mustard lining the trails and graded areas. Hydroseeding crew was performing maintenance on their equipment at this time. Surveyed their path for nesting activity. 0800: escorted hydroseeding crew to work area, the east basin slope. Both crews were working along the edge of the basin, so I bounced between both crews for the remainder of the day. Lots of Killdeer active near water line roughly central in the basin, looked for nests but did not locate any. 1350: crew wrapped up pulling while I photographed site.

Photo 1



photo_1-20220509-before_weeding_facingN.jpg

Photo 2



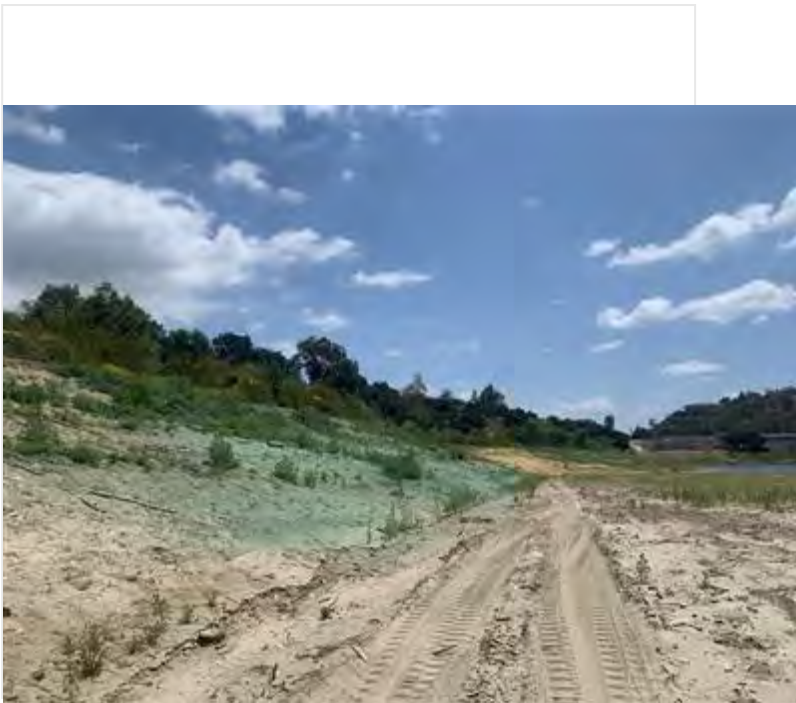
photo_2-20220509-after_weeding_facingN.jpg

Photo 3



photo_3-20220509-irrigation_facingE.jpg

Photo 4



photo_4-20220509-seeding_progress_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

66

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "M. W. [unclear]", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220509-171501.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 11, 2022, 12:41:49 PM

Date of Log

May 10, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA COYE KILL CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO
RTHA SPTO WWPE**

Reptiles: Western fence lizard, coastal whiptail

Amphibians:

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-02 targeting Erodium, poison hemlock, pepperweed, and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

1040: Three crew members work conditionally within the NUWO-01 and HOWR-01 buffer while biologist monitors.

1120: Biologist finds SPTO fledglings hiding in vegetation within the buffer. Biologist moves crew away from area and leaves vegetation undisturbed.

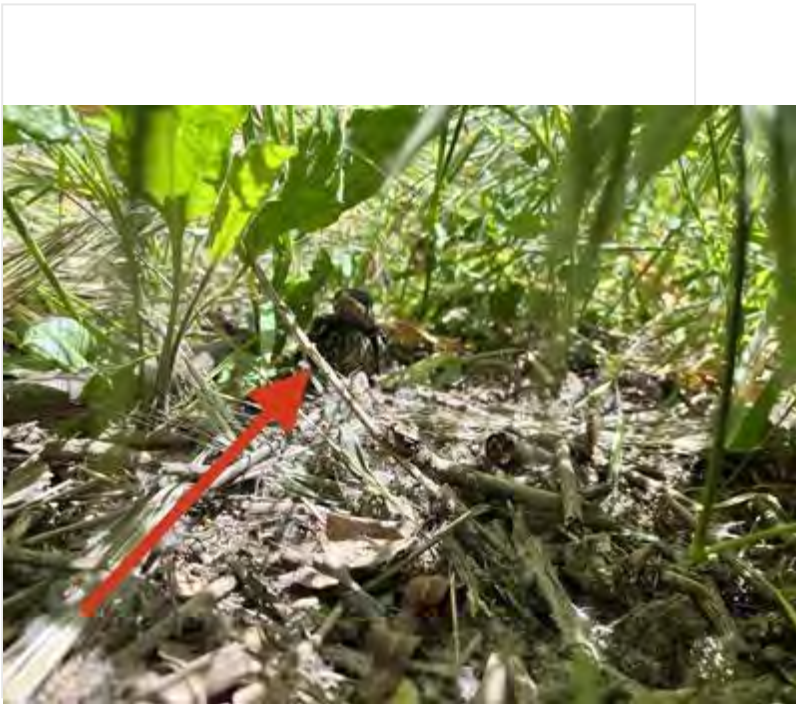
1200: Crew breaks for lunch.

1230: Crew returns to work.

1400: Crew finishes within NUWO and HOWR buffers.

1500: Crew stops work for the day.

Photo 1



photo_1-20220510-135710.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

68

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

20

Additional Comments

Special status species observed: coastal whiptail

Signature

A handwritten signature in black ink, appearing to read "L. L. Updegraff", is centered within a rectangular box. The signature is written in a cursive style with a horizontal baseline.

signature-20220510-205733.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 10, 2022, 6:46:39 PM

Date of Log

May 10, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

48

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

10

Construction Activity and Personnel

Natures image crew of 3 hydroseeding the east basin slope, crew of 4 working on irrigation in DG-4 WOUS

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, HOFI, LEGO, COYE, SOSP, PUFU, CALT, ANHU, CATH, ATFL, COHA, MODO, CASJ, CANG, AMCO, MALL, CLSW, YEWA, RCPA, EUST, BEWR, NRWS, BARS, VGSW, KILL, SPTO, western fence lizard, desert cottontail, coyote

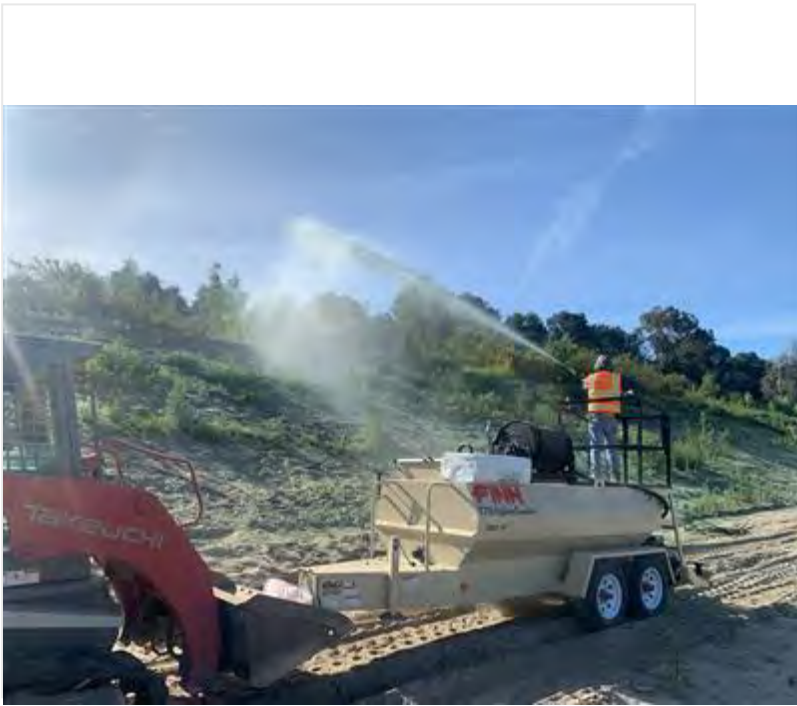
Did You observe any Non-Compliance Issues?

No

Log Entry

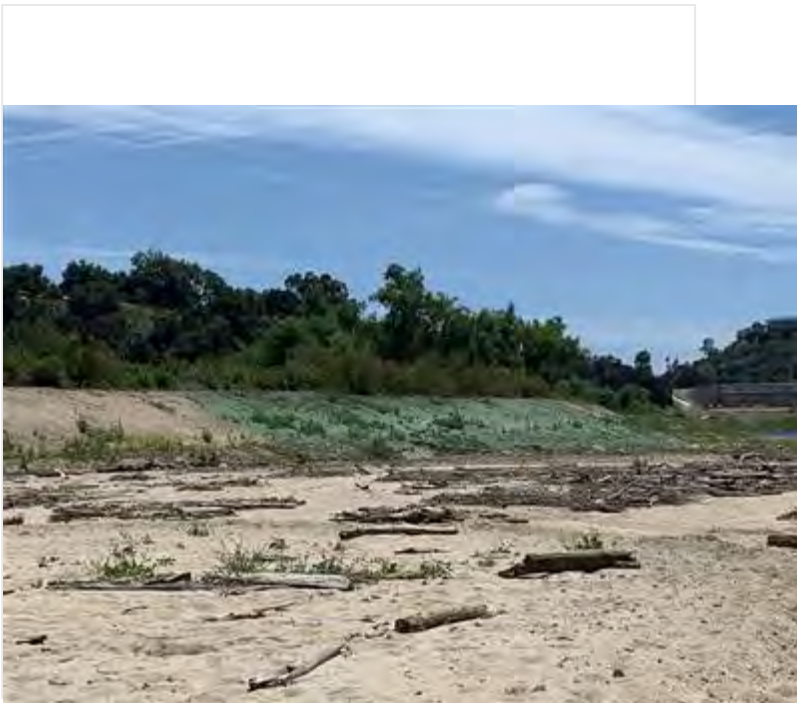
0630: surveyed work area (DG-4 WOUS) and showed foreman Oscar where to leave channels for irrigation while crew gathered tools etc. planting crew mostly worked on irrigation setup (1/4 inch) near weeding crew, did not require much time monitoring. 0650: surveyed path to basin slope and escorted crew down. Observed no nests/nesting behavior. 0730: hydroseeding crew began filling the hydroseeding machine and began hydroseeding. Crew was working on the east side, close to finishing. Very little bird activity on basin slope. 1000: crew approached a CATH nest buffer that extended onto the slope. Carefully monitored to be sure that no seed was cast above the basin lip in this area, explained to crew to avoid. 1130: 1 seeding crew member began testing using a pallet towed behind a vehicle to get rid of tire marks behind seeding machine. Instructed him to not enter the center of the basin and to stay out of vegetated areas to avoid any potentially undiscovered Killdeer nests. 1350: both crews began wrapping up while I inspected the site. Escorted seeding crew back to parking lot.

Photo 1



photo_1-20220510-hydroseeding_facingSE.jpg

Photo 2



photo_2-20220510-hydroseeding_progress_facing_E.jpg

Photo 3



photo_3-20220510-new_irrigation_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

64

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

20

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "NKA" followed by a stylized flourish or second set of initials.

signature-20220510-184537.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 10, 2022, 2:24:38 PM

Date of Log

May 10, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

47

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

5

Construction Activity and Personnel

Natures Image restoration crew working on west side of project area. Weeding crew of 6 in morning. Four workers switching to irrigation after lunch. Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

LEGO, CALT, RCPA, WAVI, HOFI, SPTO, BEWR, BHGR, ACWO, ANHU, RTHA, MODO, CAQU, fence liz

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew starts in newer DG-4-WOUS at 34.192665°N 118.173067°W and 34.192989°N 118.173087°W, getting weeds in bare ground area to be planted. Hirschfeldia, Conium primarily. They are not getting into adjacent mule fat thicket so potential for nest damage is relatively low, except at N end where the weeds are very overgrown under the willows and within the older planted area. CALT, BHGR, SOSP in this area. I am thoroughly hand-checking veg for nests. Was able to clear one inactive nest in Collector. After lunch the weeding crew goes down to 2 while others set up irrigation. Still just weeding edges and tarping; no nests in the area.

Photo 1



photo_1_DG-4-WOUS_handpulling_facingS.jpg

Photo 2



photo_2_DG-4-WOUS_after_handpulling_facingS.jpg

Photo 3



photo_3_DG-4-WOUS_new_irrigation_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

68

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

2

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "JH" followed by a stylized flourish, enclosed in a thin black rectangular border.

signature-20220510-212348.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 11, 2022, 4:11:32 PM

Date of Log

May 11, 2022

Monitor/Biologist

Nicholas (Cole) Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Weed abatement/vegetation clearing**
- 2. Hand tools and hand pulling**
- 3. Crew of 8 + Caesar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CASJ, Parakeet sp., SOSP, ANHU, CALT, SPTO, NOMO, COHA, NRWS, NUWO, CAQU, OATI, ACWO, BUSH, YEWA, WTSW, BASW, WREN, MODO, AMCR, EUST, WIWA, WETA, BEWR, SPSA, CATH, CORA, RTHA

Mammals: Fox squirrel, Audubons cottontail

Herps: Western fence lizard, Side-blotched lizard, Coastal Whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0715 observed a COHA flying across the middle of the site and then landing in one of the large oaks on the eastern slope on the edge of the housing. Roughly the same location a COHA was seen flying to on 5/6. Bird was observed foraging before flying out of sight; no signs of nest, but area is worth keeping an eye on.

0810 seen yellow warbler pair land on a high branch of a willow before hopping into the foliage and out of sight. Seen in the opposite side of the tree approximately 30min later before flying into an oak along the trail. Tree was observed for approximately 1hr and the pair was not seen again nor any signs of a nest. Placed a tentative 30ft buffer for follow up.

0845 crew broke for break

0910 just as I was about to stop surveying the tree the YEWA pair was observed in I saw the male fly into the same willow again. Wilsons Warbler was also observed in the same tree, making observation even more difficult.

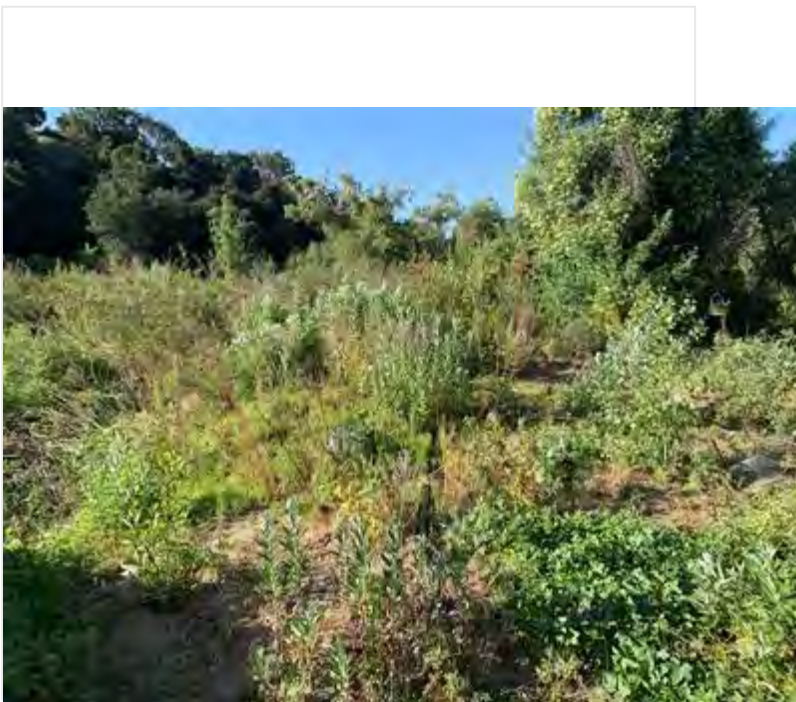
1015 observed Coastal Whiptail along bank

1145 Crew broke for lunch

1335 Observed Coastal Whiptail in DG-2 restoration area foraging in the cut vegetation

1400 Discovered some coyote dens in the area of DG2 with an abundance of dead wood piles; crews were working around the burrows with no issue; unsure if active.

Photo 1



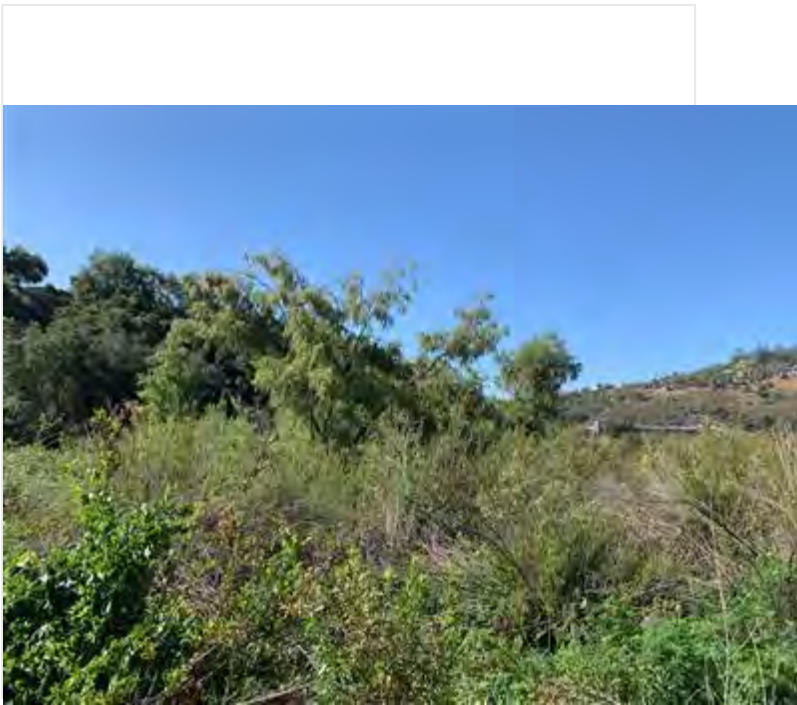
Crews_clearing_DG-2_near_bank_facingS.jpg

Photo 2



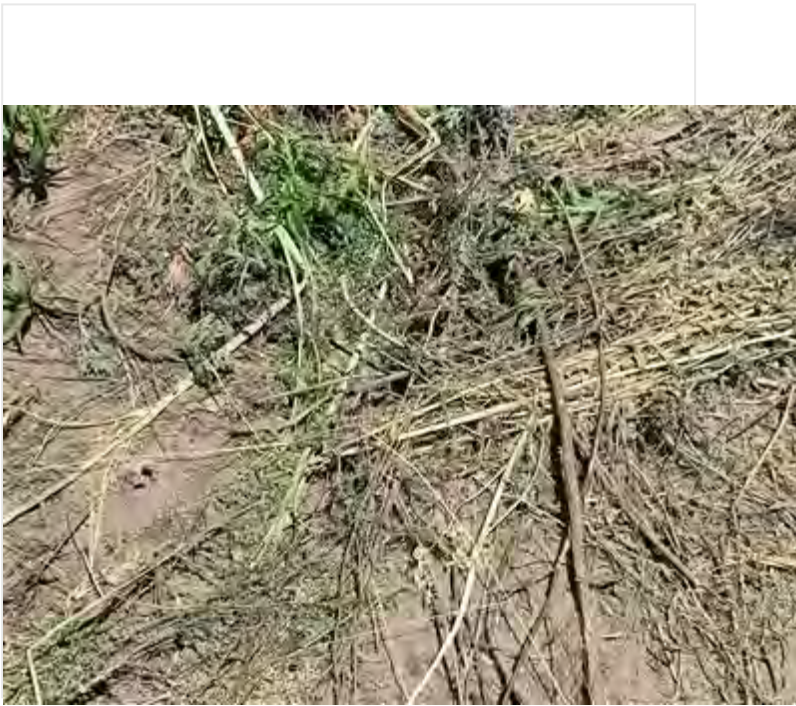
Vegetation_stockpile_facingS.jpg

Photo 3



Willow_YEWA_pair_observed_in_facingS.jpg

Photo 4



Coastal_Whiptail_DG-2_Restoration_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

13-15

Ending Cloud Cover (%)

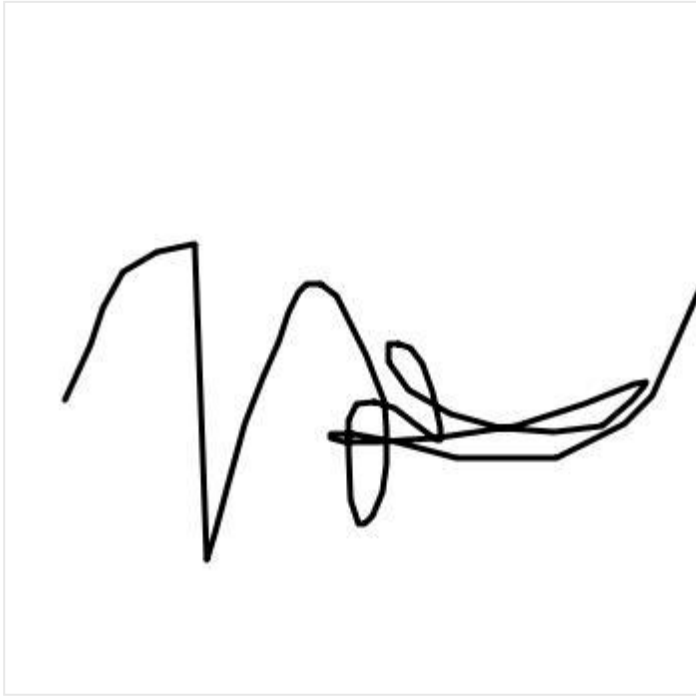
0

Additional Comments

Since the veg container/dumpster is being emptied and is not on site, cut vegetation is being placed in small stockpiles to be dumped upon the container returning.

There were intermittant high winds 10-20mph from noon onwards.

Signature

A handwritten signature in black ink, consisting of several loops and a sharp downward stroke, enclosed in a thin black rectangular border.

signature-20220511-212427.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 11, 2022, 5:14:20 PM

Date of Log

May 11, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

45

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 3 hydroseeding west basin, crew of 4 working on irrigation for part of the day in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, BHGR, NOMO, HOFI, CATH, ATFL, CASJ, BCHU, coyote, HOWR, BEWR, MODO, desert cottontail, EUCD, EUST, BUSH, KILL, ANHU, NUWO, ACWO, NRWS, RCPA, BARS, MALL, KILL, CORA, VGSW, CANG, GBHE, California ground squirrel, CAQU, WTSW, AMCO, RNDU, GRHE, YEWA, BLPH, California kingsnake, fox squirrel, CAKI.

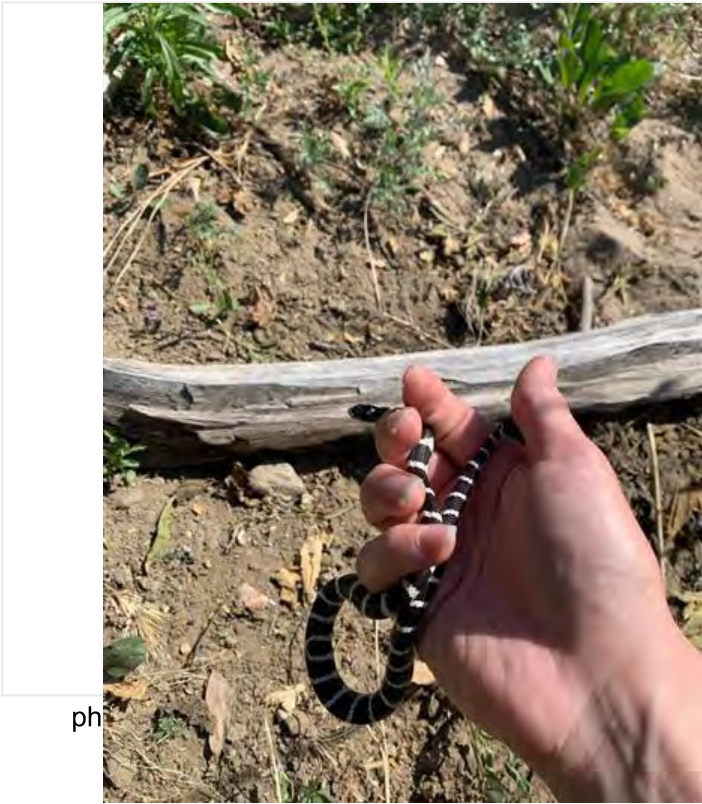
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed path of hydroseeding crew. Planting crew did not do any planting work until 1130 and were under purview of Scott Werner at this time. 0700: cleared crew to drive in, escorted them in to the basin. Crew began setting up to hydroseed. Hydroseeding crew was finishing a few areas, but for the most part is done with the accessible areas. 0830: planting crew joined seeding crew to remove piles of pulled vegetation that another crew had left behind on the west side. Relocated a juvenile California kingsnake; it was under a log on the basin slope which was about to be sprayed and was also at risk of trampling. Habitat that it was put into was 30 feet west near a pile of logs, which it hid under. 0900: seeding crew began seeding, monitored this activity. 1130: escorted the Kubota into the basin. Continued monitoring of seeding. Planting crew began setting up irrigation, instructed them on where to install it. Primary location was around the DG-4 WOUS channel banks. 1315: seeding crew wrapped up. Escorted them out of the basin and inspected site.

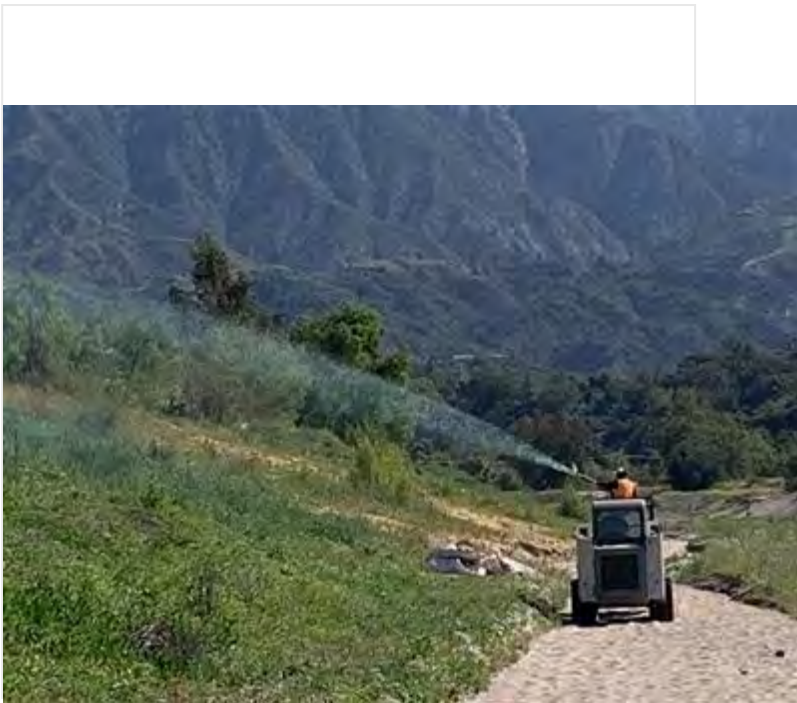
Photo 1



ph

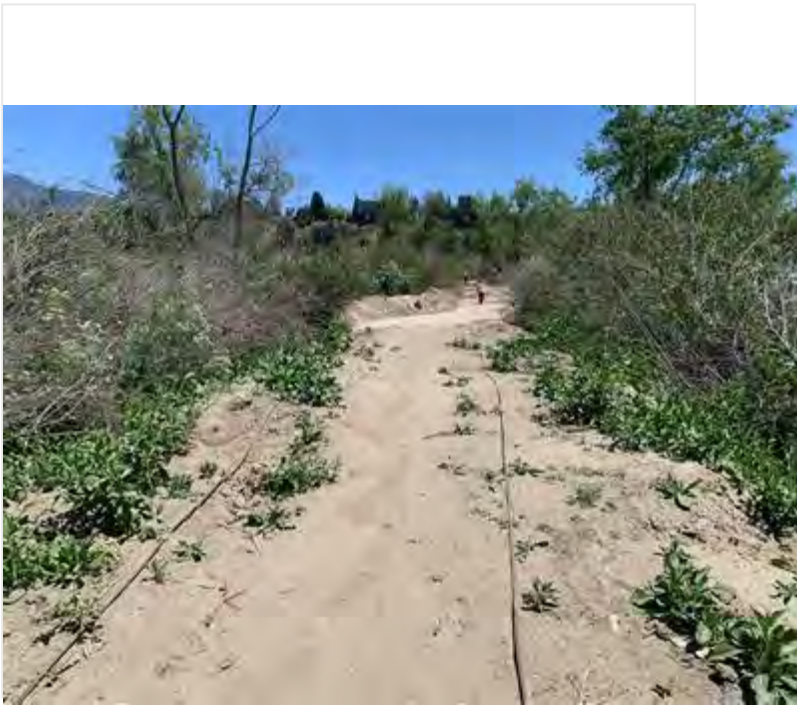
og

Photo 2



photo_2-20220511-hydroseeding_facingN.jpg

Photo 3



photo_3-20220511-irrigation_facingE.jpg

Photo 4



photo_4-20220511-irrigation_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

70

Ending Wind Range (MPH)

10-12


Ending Cloud Cover (%)

0

Additional Comments

Coyote and Cali kingsnake observed in the basin today; some of the first non-avian wildlife seen recolonizing the area.

Signature

A handwritten signature in black ink, appearing to be 'M. K. [unclear] #', written within a rectangular box.

signature-20220511-171238.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 13, 2022, 11:52:47 AM

Date of Log

May 11, 2022

Monitor/Biologist

Scott Werner

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

44

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures Image restoration crew working on west side of project area. Weeding crew of 5 in morning. Four workers switching to irrigation after lunch. Oscar Ortiz, foreman.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

LEGO, CALT, RCPA, HOFI, SPTO, BHGR, ACWO, ANHU, RTHA, MODO, CAQU, fence liz, CAKI, BUSH,

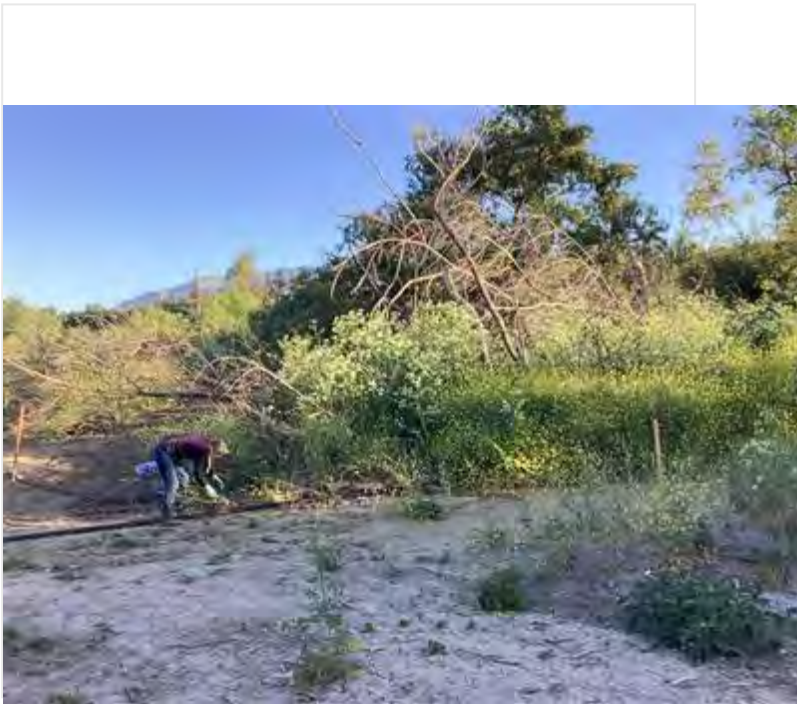
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crew continuing where they left off yesterday, at north end of DG-4-WOUS at 34.193095°N 118.173020°W under willows. 0830 new CALT nest found. Crew diverted away from new buffer after they return from briefly assisting hydroseed crew with some weed pile removal. Weeds in and along new channels are predominantly Hirschfeldia and Conium, with Lepidium, Ricinus communis, Dysphania botrys, Chenopodium album, C. murale, Plantago arenaria, Sysymbrium irio, Portulaca oleraceae. After weeding, channels are back to being fairly bare of veg except for Datura wrightii, Erigeron canadensis, Solanum sp., and few others. 1130 after lunch four of the NI crew switch to irrigation setup. Just one temp left to pull and bag weeds. By 1300 done pulling and transitioning to tarping, I leave soon thereafter.

Photo 1



photo_1-hand-pulling_DG-4-WOUS_facingN.jpg

Photo 2



photo_2_after_hand-pulling_DG-4-WOUS_facingN.jpg

Photo 3



photo_3-hand-removal_DG-4-WOUS-facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:15

Ending Temperature (°F)

72

Ending Wind Range (MPH)

13-15

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'J. A. M.', is centered within a white rectangular box. The signature is fluid and cursive.

signature-20220513-185230.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 13, 2022, 10:14:53 AM

Date of Log

May 12, 2022

Monitor/Biologist

Kristen Klinefelter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive species removal.**
- 2. Hand pulling/hand tools**
- 3. Gothic Landscaping. Crew of 8 plus Caesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: ROPI CAGO LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST RWSW NRWS BUSH RTHA AMRO Parrot sp. KILL ACWO

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: Coyote

Amphibians: NA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members begin invasive species removal in DG-2 by hand weeding. Target species include mustard, poison hemlock, erodium, and non-native grasses.

0900: Crew takes a break.

0915: Crew continues work in DG-2.

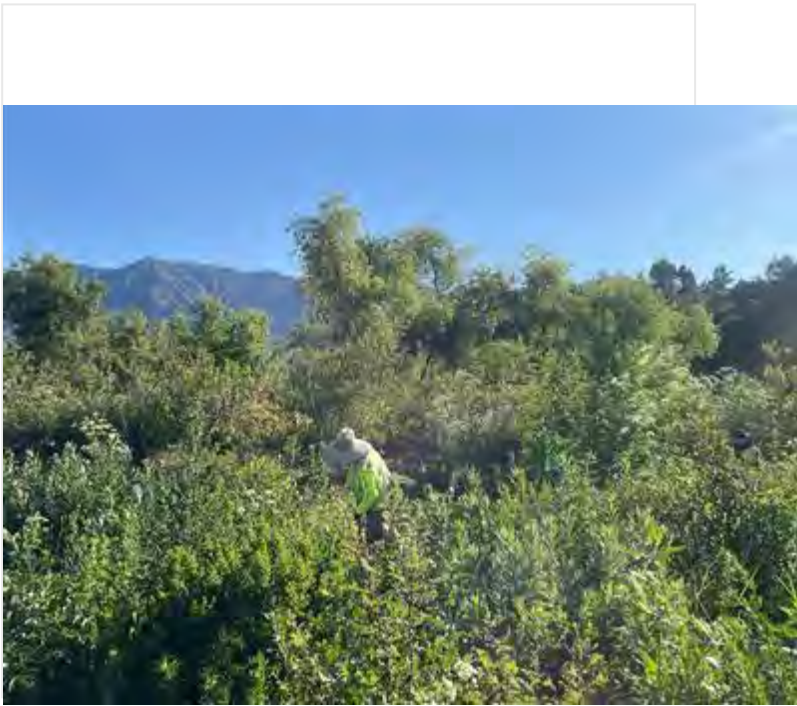
1130: Crew notifies biologist that they found a nest on the ground in DG-2. Biologist logs the nest and determines it is a potential quails nest though it only has two eggs.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2 and begins work in DG-2A.

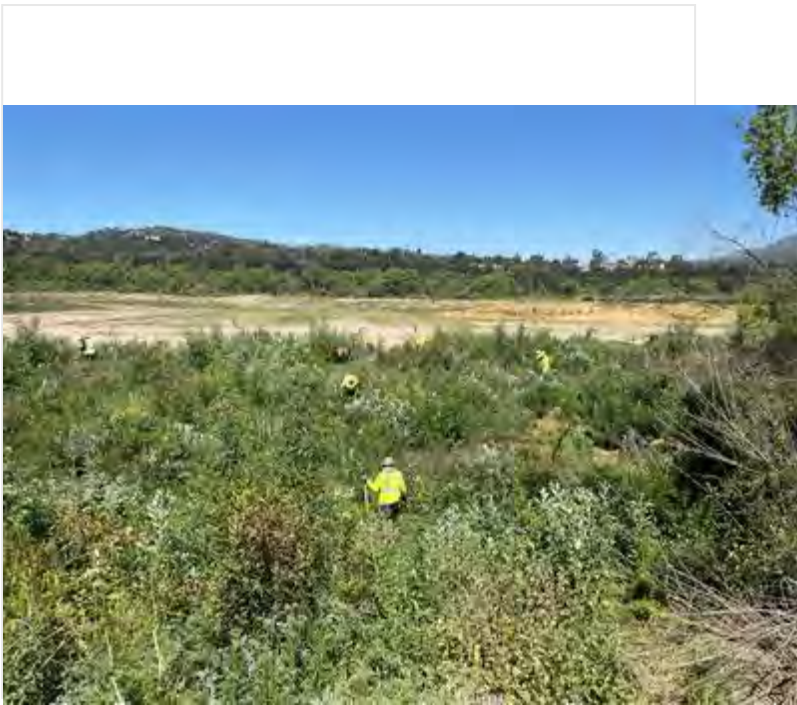
1445: Crew stops work for the day.

Photo 1



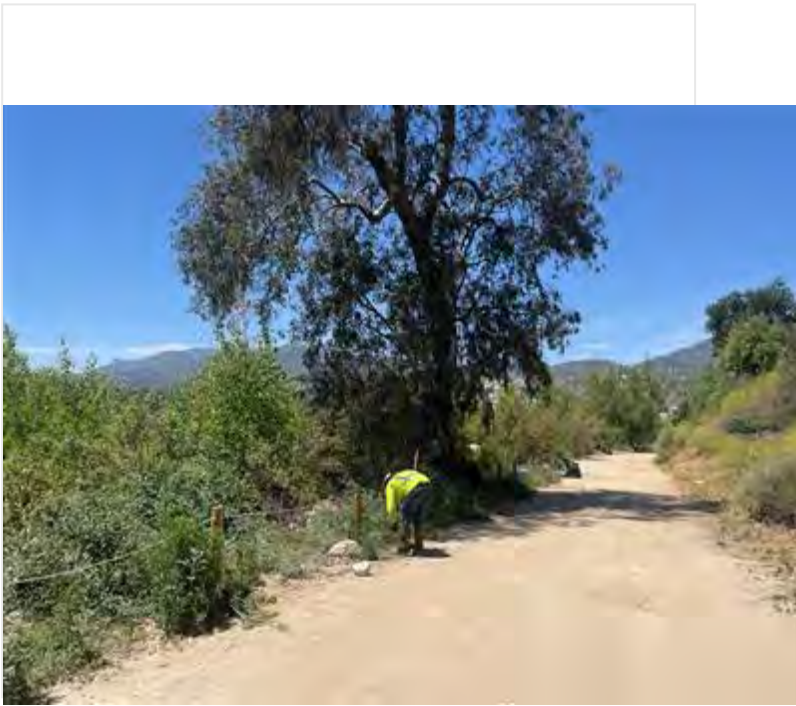
photo_1-20220512-151308.jpg

Photo 2



Invasive_species_removal_DG-2_facingW.jpg

Photo 3



Invasive_species_removal_DB-2B_facingNE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:50

Ending Temperature (°F)

80

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

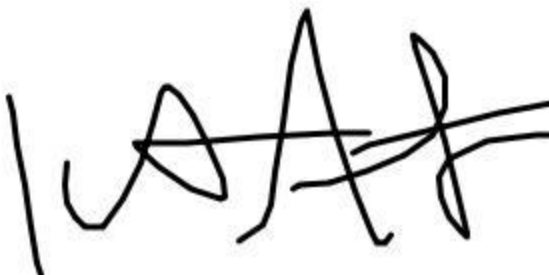
Additional Comments

The first photo would not let me rename it - it should be: Invasive_species_removal_DG-2_facingNE

Observed coastal whiltail along eastern edge of DG-2 near walking path.

Found a potential quail nest in DG-2 but could kept getting error when trying to add it so gave Lela the information to add it.

Signature

A handwritten signature in black ink, appearing to be 'WAA', is centered within a white rectangular box. The signature is stylized with a horizontal line crossing through the letters.

signature-20220513-171414.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 12, 2022, 4:39:29 PM

Date of Log

May 12, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 8 working on planting and weeding in DG-4 WOUS, and fusion in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Southwestern willow flycatcher**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, HOFI, SPTO, LEGO, KILL, BEWR, AMCO, MALL, NRWS, CANG, SPSA, SOSP, YEWA, COYE, RNDU, ANHU, CAKI, CASJ, NOMO, MODO, HOOR, BUSH, NUWO, WAVI, AMCR, COHA, WIWA, WIFL (subspecies unclear), WBNU, SOSP, BHGR, praying mantis egg case, tarantula hawk, coyote, desert cottontail, OATI, ATFL, coastal whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed west basin slope, monitored crew who was picking up old piles so the seeding crew could spray. Checked on nearby bushtit nest, it is inactive and in poor condition. Removed buffer. Seeding crew was investigating alternative basin access routes because the water level has subsided. 0810: surveyed the path into the basin near JPL. Detected willow flycatcher, crew was not cleared to enter with vehicles. Details in additional comments section. Logged in collector. 0850: monitored stake planting in DG-4 WOUS. 0930: found a CAQU nest near crew in DG-4 (CAQU-05). Established and flagged off a 50 foot buffer. 1030: monitored pipe fusion in DG-4A. An inactive bushtit nest was nearby, BUSH 14. Buffer was removed. 1130: monitored stake planting. Checked several nests in area. 1400: crew wrapped up and started cleanup, I inspected the site and walked out.

Photo 1



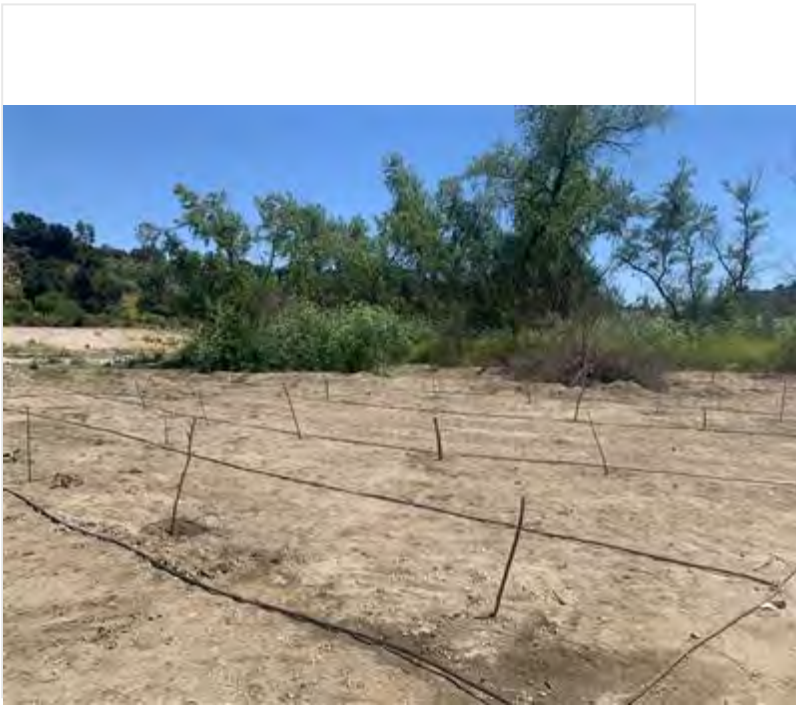
photo_1-20220512-hauling_tarps_facingS.jpg

Photo 2



photo_2-20220512-fusion_facingN.jpg

Photo 3



photo_3-20220512-staking_progress_facingSE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

79

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

Observed willow flycatcher during pre-work survey. Heard then seen. Did diagnostic "Fitz-bew" call 10-15 times from a mulefat, then was observed directly for about 15 minutes silently foraging for flying insects. Flew East into a treeline and was not seen or heard again. Spent about another 20-30 minutes looking for it, but it was not detected. Possibly migrating and passing through. In far north side on an alluvial scrub area outside of mitigation area but west of DG-1 with 0% herbaceous plant cover, only a few mulefat and a line of *Salix goodingii*. Some scattered mustard, only restricted to dripline of mulefat shrubs. Recently deposited rocky pebbles from a flooding event covered the ground. Not sure if this is *Empidonax traillii extimus* or a migrating *E. t. brewsteri*, no nesting behavior observed. Very confident of species level ID, not sure if it was a southwestern. On collector as a polygon.

Signature

A handwritten signature in black ink on a white background. The signature is highly stylized and appears to be a name, possibly "M. H. N. A. K. S.", written in a cursive, slanted font.

signature-20220512-163249.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 13, 2022, 1:46:34 PM

Date of Log

May 13, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

NI crew hand-weeding DG-4A area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CASJ, CAKI, ACWO, HUVI, SPTO, SOSP, BHGR, COYE, YEWA, LEGO, BUSH, WIWA, YRWA, RCPA, RTHA, MODO, CATO, OATI, ALHU, BCHU, BEWR, HOFI, CLSW, CAGO, WAVI, KILL, Mourning cloak, Sara orangetip, monarch, western fence lizard, cabbage white, western tiger swallowtail, gulf fritillary, ANHU, white-lined sphinx moth, umber skipper, painted lady, small brown frog, heard CATO fledglings about 80 ft. north of work, pale swallowtail, CA ground squirrel, orange sulphur, cloudless sulphur, red admiral, commokn buckeye, PSFL, desrt cottontail, NUWO, CAQU, coast whiptail.

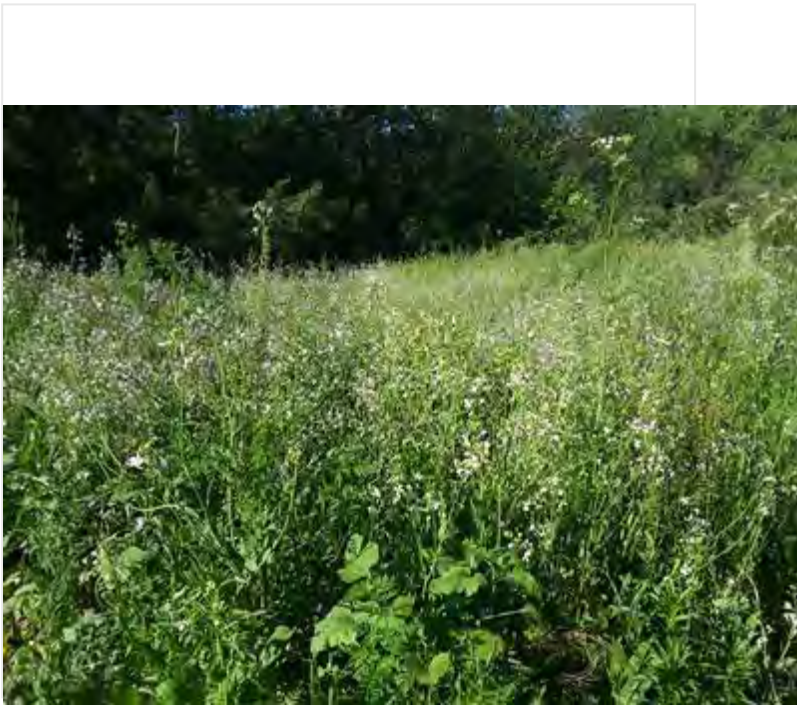
Did You observe any Non-Compliance Issues?

No

Log Entry

0630 shown where new 2022 training manual is kept and given assignment. 0650 Checked for nests in DG4A. Stay 50 ft. from BUSH nest found yesterday. 0715 hand weeding mostly of 5.5 ft. tall wild radish in DG4A. 1000 Found potential CALT nest, logged in collector and advised crew to avoid.

Photo 1



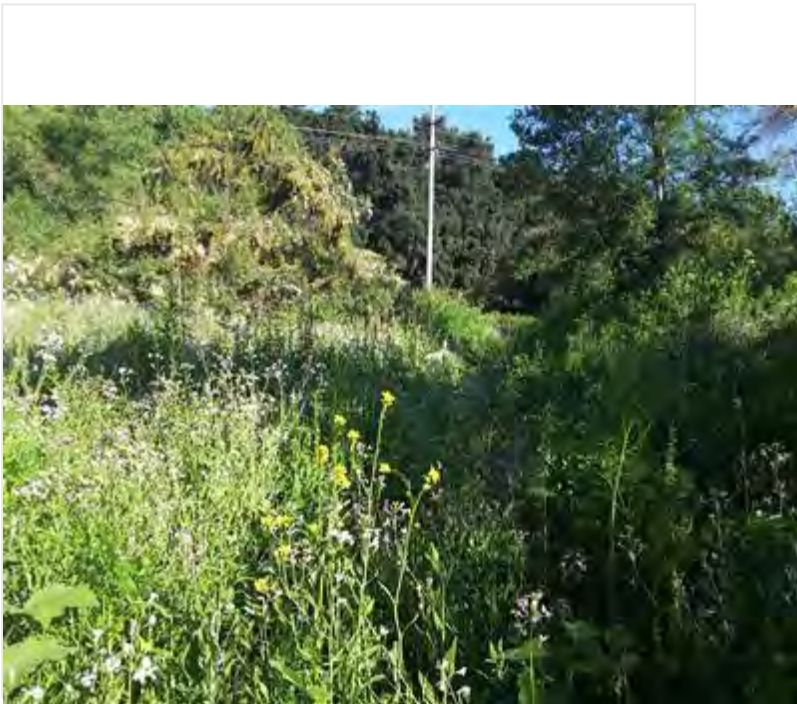
photo_1-20220513-DG4A-lookingSWbefore.jpg

Photo 2



photo_2-20220513-DG4A-lookingSWafter.jpg

Photo 3



photo_3-20220513-DG4A-lookingNWbefore.jpg

Photo 4



photo_4-20220513-DG4A-lookingNWafter.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

91


Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and reads "Paul Zofel".

signature-20220513-204539.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 13, 2022, 3:20:31 PM

Date of Log

May 13, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead. Scott Rose is present during the morning.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO RTHA SPTO

Reptiles: Western fence lizard

Amphibians:

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-02 targeting Erodium, poison hemlock, pepperweed, and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

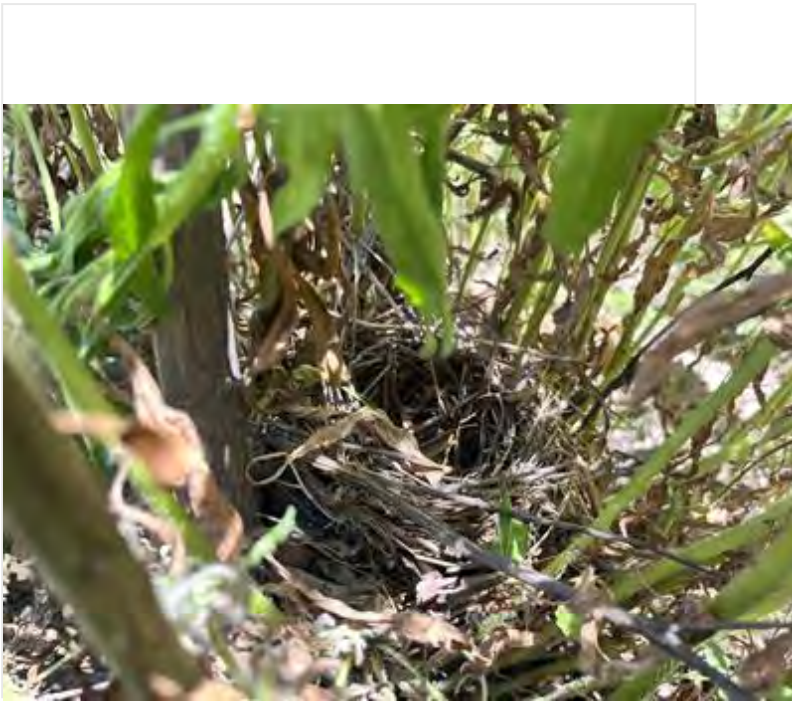
1200: Crew breaks for lunch.

1230: Crew returns to work.

1430: Crew member finds an inactive cup nest near the ground in DG-2. Possibly a SOSP nest from a previous year.

1500: Crew stops work for the day.

Photo 1



Inactive_SOSP_nest_DG-2.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

87


Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in a cursive script, appearing to read "L. V. V. V.", enclosed within a thin black rectangular border.

signature-20220513-204202.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 13, 2022, 7:03:48 PM

Date of Log

May 13, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 3 planting stakes in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BHGR, MODO, BUSH, NOMO, SPTO, CALT, BEWR, CAQU, SOSP, desert cottontail, WIWA, CATH, NUWO, CASJ, RCPA, ANHU, ATFL, ALHU, RTHA, CANG, San Diego gopher snake, western fence lizard.

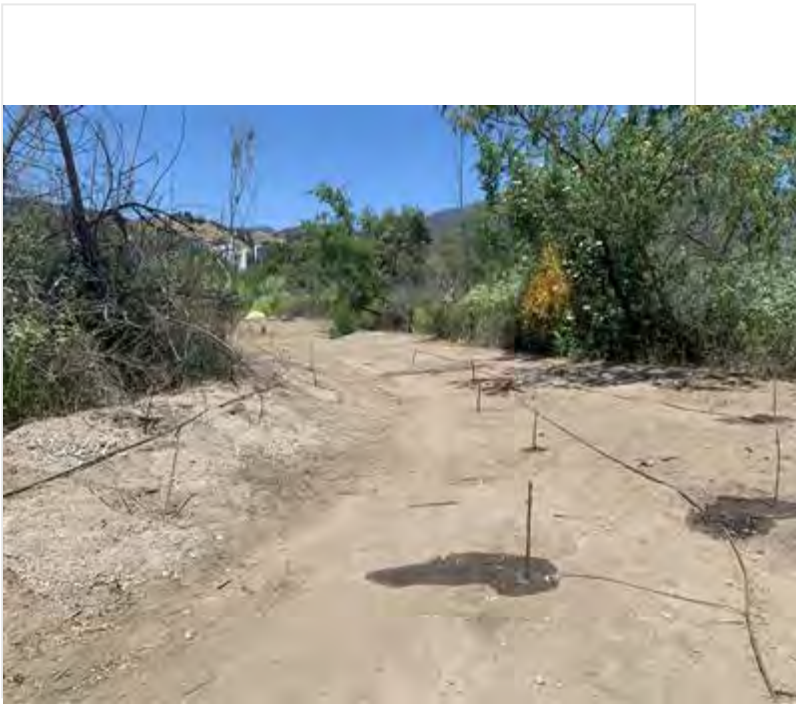
Did You observe any Non-Compliance Issues?

No

Log Entry

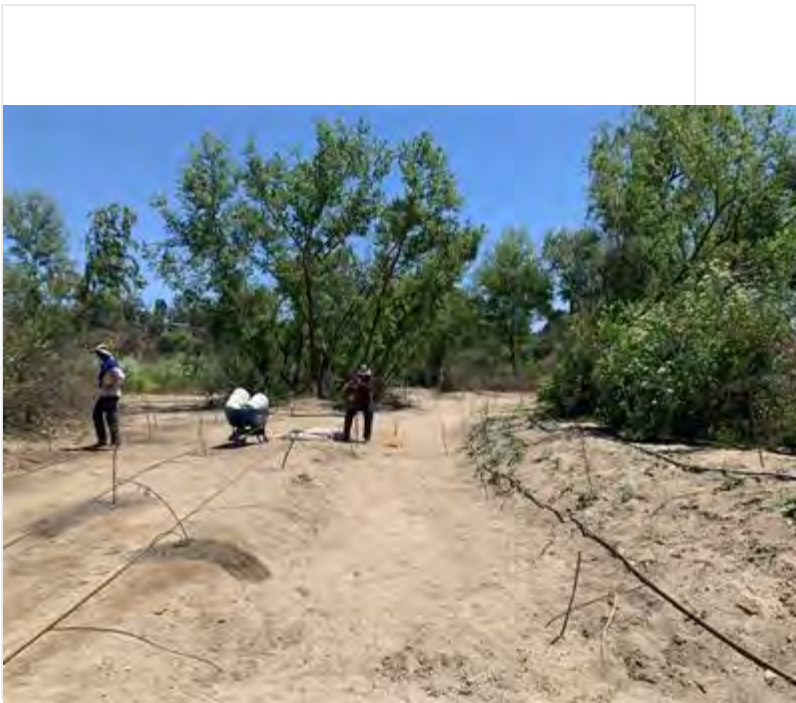
0630: surveyed work area while crew set up. 0650: monitored staking in DG-4 WOUS. Crew was planting willows and mulefat along the edges of the old trails. Flagged out location of stakes for crew, leavin an 8 foot channel down the middle and prioritizing the low-lying areas for these species. 1000: Went to help David Torfeh with a nest, while on the way out I observed a mother goose and goslings that appeared lost and struggling to get to the basin. Advised weeding crew to stay out of its way if it attempted to pass by. 1030: continued monitoring staking. Progress was slower than usual due to extremely compacted dirt. Very low bird activity, high heat and sun exposure. 1130: crew moved slightly southwest around the corner of the horse trail, reflagged the area for similar planting effort as described above. Advised crew to take frequent water breaks. 1340: crew began wrapping up to focus on cleanup and went to help weeding crew.

Photo 1



photo_1-20220513-planting_progress_facingN.jpg

Photo 2



photo_2-20220513-planting_progress_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

88

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "M. K. W. H.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220513-190154.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 16, 2022, 1:44:39 PM

Date of Log

May 16, 2022

Monitor/Biologist

Cooper walton

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

70

Construction Activity and Personnel

Crew of 5 natures image workers, cleared invasive vegetation using hand tools.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**ACWO, ECDO, NOMO, CSJA, BNST, SOSP RTHA COHA PBGR MALL WETA BHGR YEWA MODO CAQU CAGO
HOFI LEGO CAKI CATO SPTO OATI BUSH ALHU ANHU RCPA KILL EUST NUWO SPSA**

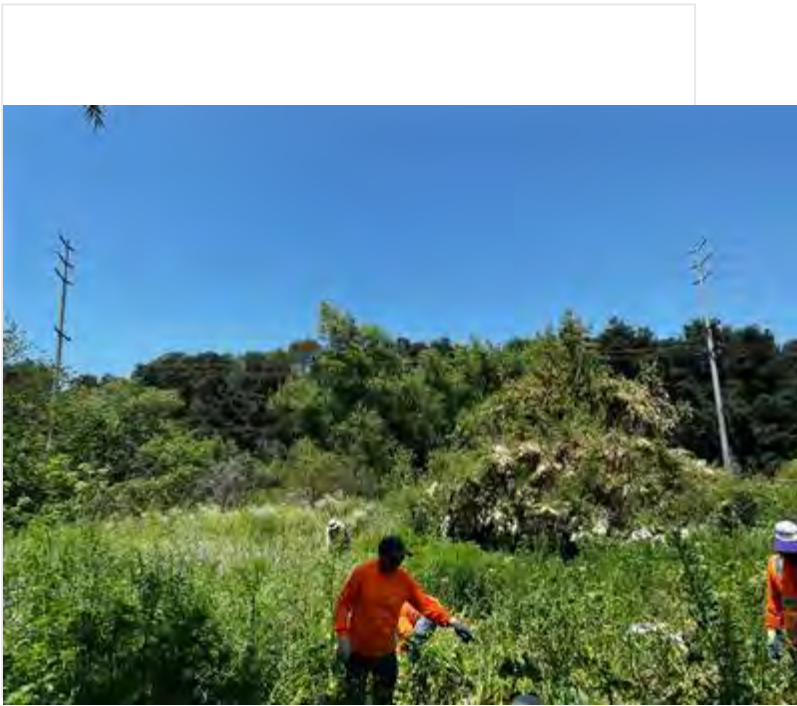
Did You observe any Non-Compliance Issues?

No

Log Entry

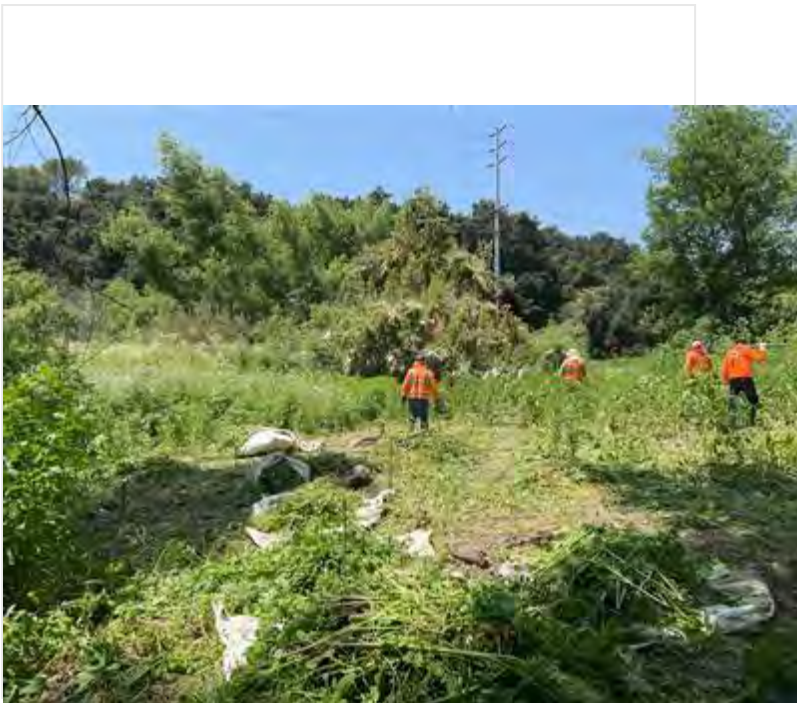
0630 arrived onsite, received WEAP training and site debrief from Mike Walsh. 0730 went to survey south side of res before hydroseeding was to take place. Observed synchronous dispersal of western toad toadlets, thousands of tiny (quarter sized or smaller toadlets were all over the road and the slope to be seeded as well as the water side slope. After consultation it was determined hydroseeding at this location would be delayed to minimize impact on the species. At 0900 Mike and I cleared northern access roads for birds. Upon reaching the slope to be hydro seeded on the north side we observed similar densities of toads and decided against hydroseeding that area either. At ~1015 a nature's image guest crew of 5 individuals started hand weeding an open area (primrose) in DG-4A. At approximately 10:55 I located an active SOSP nest (with 4 recent hatchlings) west of the area being cleared. The nest was flagged and a point was added to collector, crews avoided the buffered area.

Photo 2



Vegetation clearing_during_facing NW_DG4A.jpg

Photo 3



Vegetation clearing_facing N _after.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

79

Ending Wind Range (MPH)

0-3

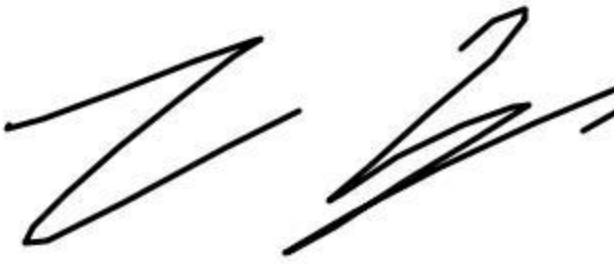
Ending Cloud Cover (%)

0

Additional Comments

Toadlets present in area of veg clearing as well, we're avoided as best as possible

Signature

A handwritten signature in black ink, consisting of two distinct, stylized parts. The first part is a large, sweeping 'Z' shape, and the second part is a more complex, scribbled shape. The signature is centered within a white rectangular box.

signature-20220516-204414.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 16, 2022, 5:24:24 PM

Date of Log

May 16, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

18:30

Starting Temperature (°F)

60

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

30

Construction Activity and Personnel

Ed, Genero, Kim and Nick, with Oscar Natures Image. Digging hokes and laying irrigation for willow stakes in northernmost DG-4 WOUS channels. Daniel is Forman. Linda joins for weeding, handpull and hula hoes.

What Type of Monitoring is Being Conducted?

Construction Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CSJA, MODO, HOFI, SPTO, MODO, YEWA, SOSP, BHGR, CATH, BEWR, CAQU, CALT, ANHU, ALHU, NUWO, OATI, BUSH, BGGN, ATFL,, HOFI, NRWS, BARS, RSHA, RTHA, COHA

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 Meet with crew monitoring hole digging and irrigation in DG-4 WOUS in the nw portion of the restoration near reservoir berm. 0700 find MODO nest near edge of planting. It is well hidden from worksite. Monitor through 1130. ground is very compact and difficult to dig holes. In the morning I saw an empidonax flycatcher with no evident eyering, maybe a WIFL foraging but it never vocalized. In the drier northern section. After lunch I check on COHA nest. There is plenty of evidence of use in the nest stand, whitewash and plucked prey feathers, but no birds evident. they may have fledged by now. Back to check on the crew who was able to put 76 stakes in the compact ground. Pack up at 2:15.

Photo 1



photo_1 planting area in the fingers facing east.jpg

Photo 2

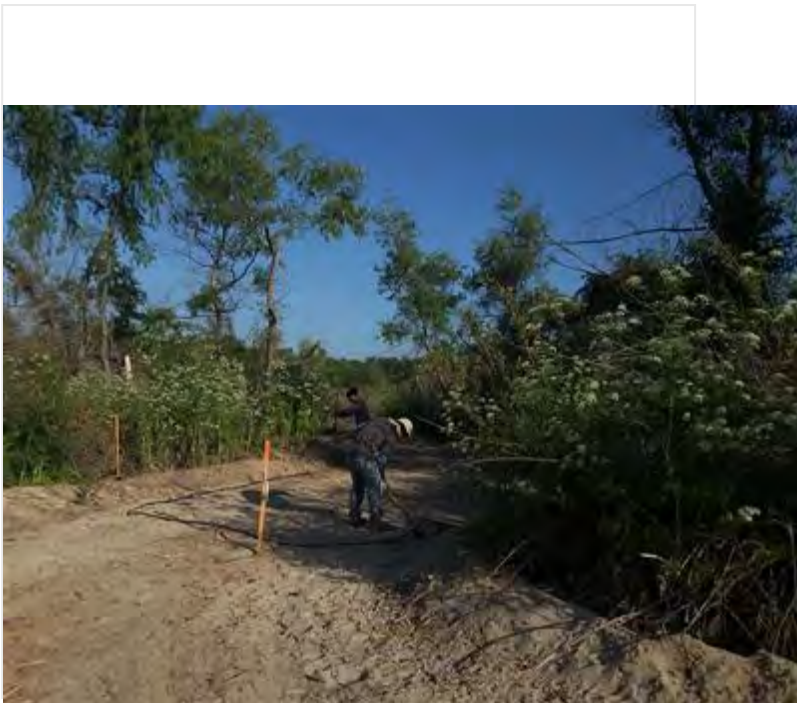


photo 1 preparing the area for willow stakes facing west in the...

Photo 3



photo3 planting area facing NE.jpg

Photo 4



photo_planted stakes and weed removal facing NE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

80

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

so many western toadlets in the wetter south end of the restoration site. they must have been laid in the reservoir.

Signature

A handwritten signature in black ink, appearing to read "R. C. ...", is centered within a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220517-002302.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 16, 2022, 4:40:20 PM

Date of Log

May 16, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Christian Diaz as crew lead. Scott Rose is present during the morning.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**
- **Southwestern willow flycatcher**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO RTHA SPTO COYE SWFL MALL CAGO

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-3A targeting Erodium, poison hemlock, pepperweed, and mustard. There are hundreds of newly metamorphosed western toads in the work area and the crew is advised to work slowly and carefully around them.

0745: Biologist identifies a male and female YEWA in DG-3A.

0740: Crew switches to working on eastern side slopes pulling mustard, lambs quarters and pepperweed.

0900: Crew takes a break.

0915: Crew returns to work.

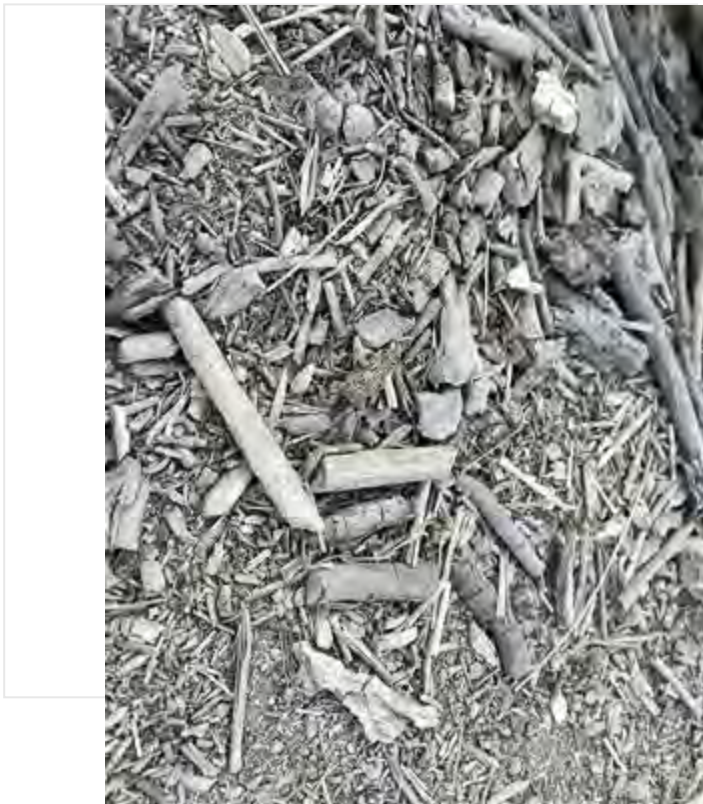
1155: Biologist identifies two SWFL singing in a area near parking area (DG-2 and DG-3A).

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail identified.

Signature

A handwritten signature in black ink, appearing to read "L. A. Lopez", is centered within a white rectangular box. The signature is written in a cursive style with a horizontal line through the middle of the letters.

signature-20220516-202352.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 17, 2022, 1:59:47 PM

Date of Log

May 17, 2022

Monitor/Biologist

Cooper walton

Company

Stillwater

Starting Time

06:35

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Cleaned up hand clearing of DG-4A “primrose area” by natures image crew of 6, then moved to hand clearance along channels DG-4WOUS connections

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**RCPA CAQU YEWA SOSP CAGO ACWO WETA BHGR NOMO MODO ECDO BUSH CATO SPTO CSJA ANHU
BEWR AMCR GRHE WAVI ALHU CATH NRWS BASW COYE PHAI LEGO CAKI RTHA WWPE WESTERN TOAD
WESTERN FENCE LIZARD**

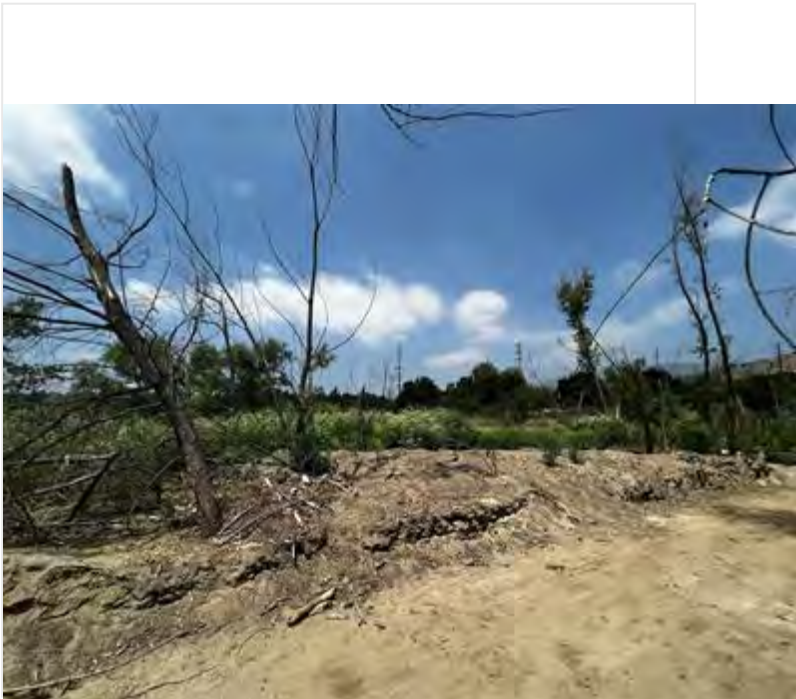
Did You observe any Non-Compliance Issues?

No

Log Entry

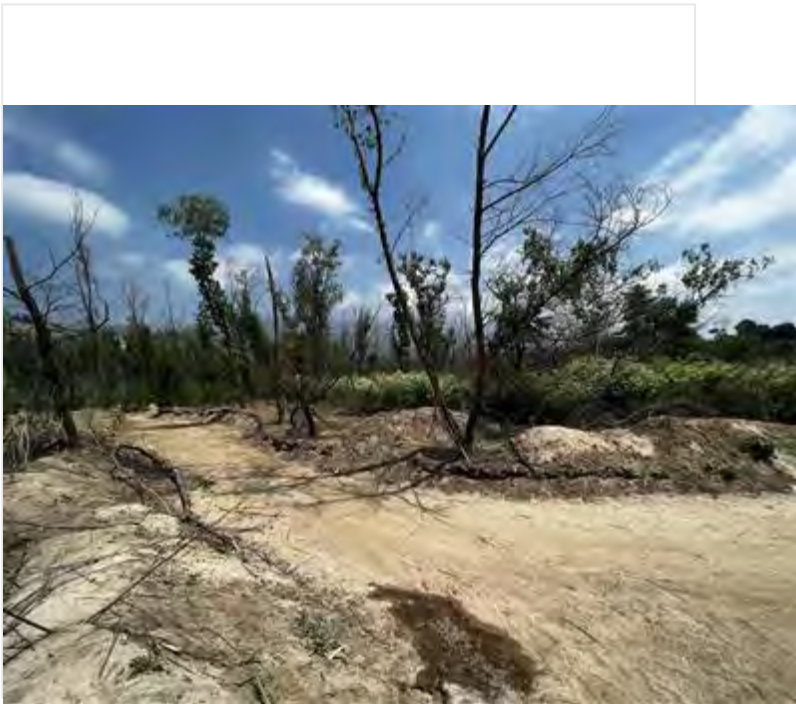
0630 pulled vegetation from yesterdays site "primrose area" DG-4A was loaded and cleared. Then crew moved to channel area along DG-4WOUS connections and began hand clearing brush in this area at 0720. They continued to clear brush along this channel to a buffer of 15-18 ft along both sides of the channel. The crew took breaks/ lunch at 0800 1100 and 1300. No nesting birds, or listed species were encountered.

Photo 1



Veg clearing_channel_after facing N.jpg

Photo 2



Veg clearing_after_ facing S.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:44

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

A mature willow trunk fell overnight into the area that was cleared yesterday, forgot before

Signature

A handwritten signature in black ink, appearing to be 'Z. G. / #', enclosed in a thin black rectangular border.

signature-20220517-205850.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 17, 2022, 1:57:16 PM

Date of Log

May 17, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

0645 weeding crew with Daniel foreman, and 8 using hula hoes in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, SOSP, CALT,CATH, RCPA, HOFI,LEGO, CSJA, BHGR, BEWR, BUSH, CAQU, ANHU, PHAI, WTSW, NRWS, BARS,COYE, WWPE,

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 continue weeding in same area as yesterday, weeding 5` tall hemlock and mustard. 0700 MODO still on the nest at the end of the channel. 1000 Daniel moves crew south (photo 4) to keep MODO buffer intact. I hang flag for CAQU buffer. continued in this area for the rest of the afternoon. 1130 moved just south of staked area to continue pulling weeds. no new nests found but lots of bird activity. Nice fog cover till 1200. crew stops pulling about 1345 and hauls weeds to dumpster.

Photo 1



photo_1 example of native wildflower growth on west reservoir...

Photo 2



photo2 pre-weeding looking NE.jpg

Photo 3



photo3 post-weeding looking NE.jpg

Photo 4



photo4 weeding restoration area stakes and weed removal lo...

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

No

Ending Time

14:00

Ending Temperature (°F)

71

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

4 western whiptails seen in this area, enjoying the cleared sandy ground. 1 western toad. 1 YEWA at the end of the day, whisper singing and foraging. In willows for about 20min.

Signature

A handwritten signature in black ink, appearing to read "R. Davis", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220517-203206.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 18, 2022, 12:24:41 PM

Date of Log

May 17, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools, two line trimmers.**
- 3. Gothic Landscaping. Crew of 9 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO RTHA SPTO
COYE SWFL MALL CAGO SPSA EGGE BARS BASW RUDU RTHA**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad, tree frog

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on eastern side slopes targeting smartweed, curly dock, pepper weed, lambs quarters and mustard. There are hundreds of newly metamorphosed western toads in the work area and the crew is advised to work slowly and carefully around them.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

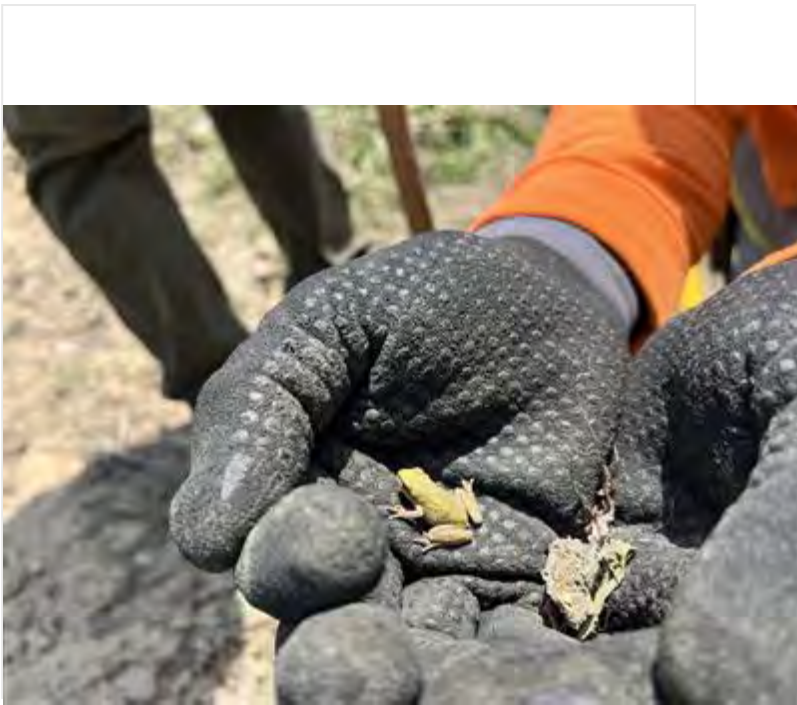
1500: Crew stops work for the day.

Photo 1



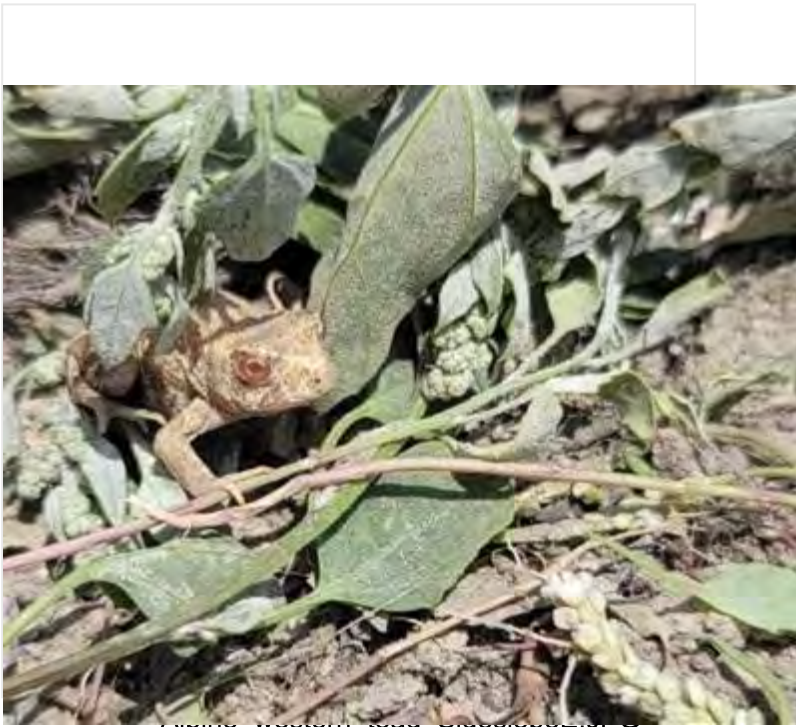
Eastern_sideslope_crew_facingS.JPG

Photo 2



Tree_frog_eastern_sideslope.JPG

Photo 3



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

74


Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

15

Signature

A handwritten signature in black ink, reading "John Updike". The signature is written in a cursive style with a large, prominent "J" and "U". The signature is centered within a white rectangular box.

signature-20220517-195219.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 19, 2022, 3:30:02 PM

Date of Log

May 18, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

09:00

Starting Temperature (°F)

55

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7. Hand pulling weeds in DG4 WOUS connections.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SCJA, CATO, coastal whiptail, western fence lizard, CAQU, western toad, BEWR.

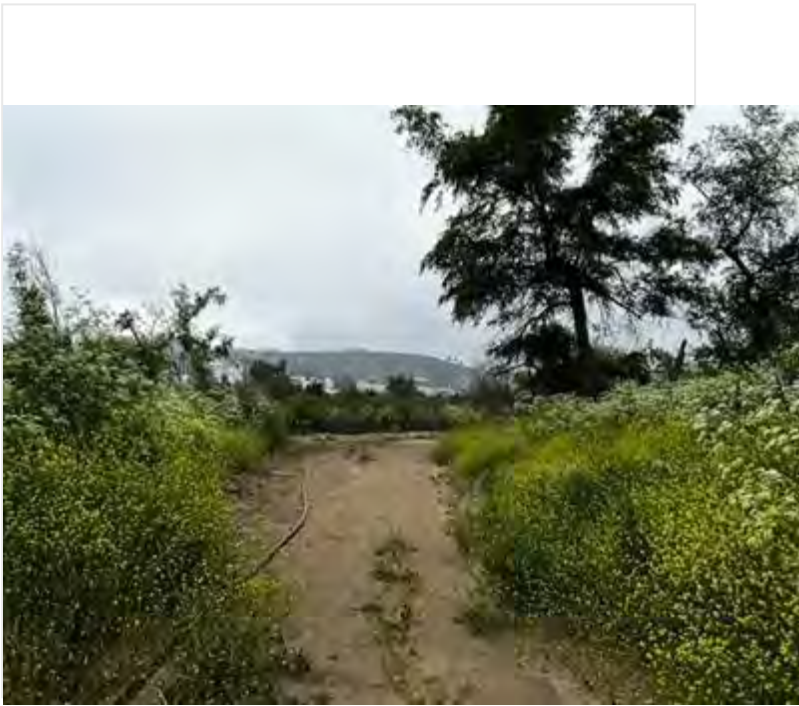
Did You observe any Non-Compliance Issues?

No

Log Entry

0900: received WEEP training from Mike Walsh. 0940 received a site tour from Mike Walsh. 1150 monitored crews doing non-native plant removal. Primary targets were conium and mustard along the sides of the horse trail. 1345 half the crew began hauling away the removed vegetation and raking the area. 1400 crew stopped pulling veg.

Photo 1



photo_1-20220519-152459.jpg

Photo 2

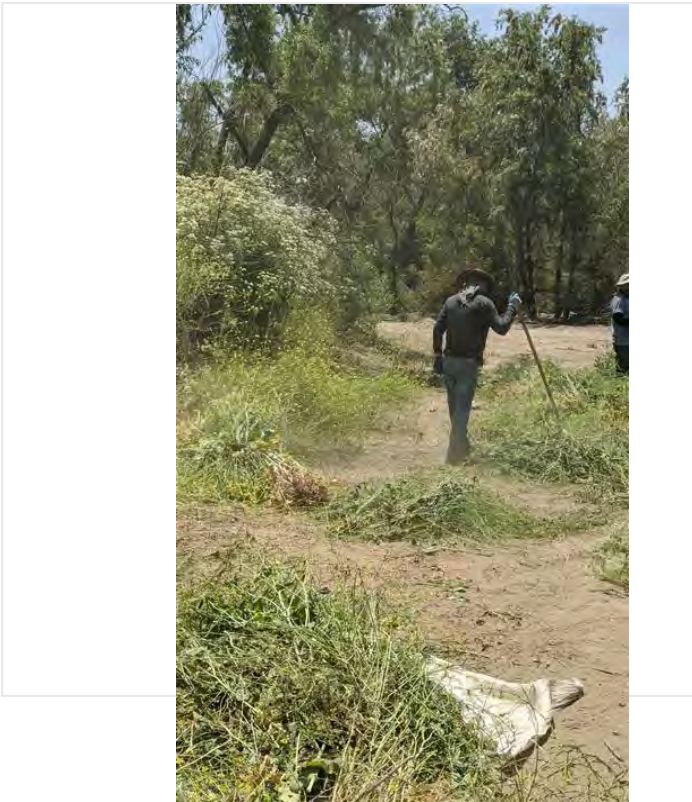


Photo 3



Photo 4



VegRemoval_After_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

76

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "J. C. [unclear]", written within a rectangular box.

signature-20220519-222939.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 18, 2022, 2:51:34 PM

Date of Log

May 18, 2022

Monitor/Biologist

Cooper walton

Company

Stillwater

Starting Time

06:45

Starting Temperature (°F)

56

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Hand clearing of vegetation, 7 person crew consisting of 4 natures image employees and two labor finder temp employees and a crew lead. Hand tools including shovels and hoes. Working in DG-4 WOUS, DG-4

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**CATO NOMO MODO CAQU BEWR CASJ CATH ALHU WWPE NRWS RCPA NUWO ACWO BHGR SOSP LEGO
CANG KILL ANHU ATFL CAKI BTPI CORA Scelephorous sp., coastal whiptail, Cottontail, CA ground squirrel**

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 monitored hand vegetation clearing of are within DG-4 no nesting birds or other compliance issues were encountered. After the lunch break Alec took over on nest monitoring for the vegetation clearing. I checked in on multiple previous nests. I determined that nests BUSH-04, CAQU-05, and SPTO-02 were all inactive and I pulled their flagging. I was unable to make a determination on the status of nest BUSH-14 so it was presumed active and the flagging was left up.

Photo 1



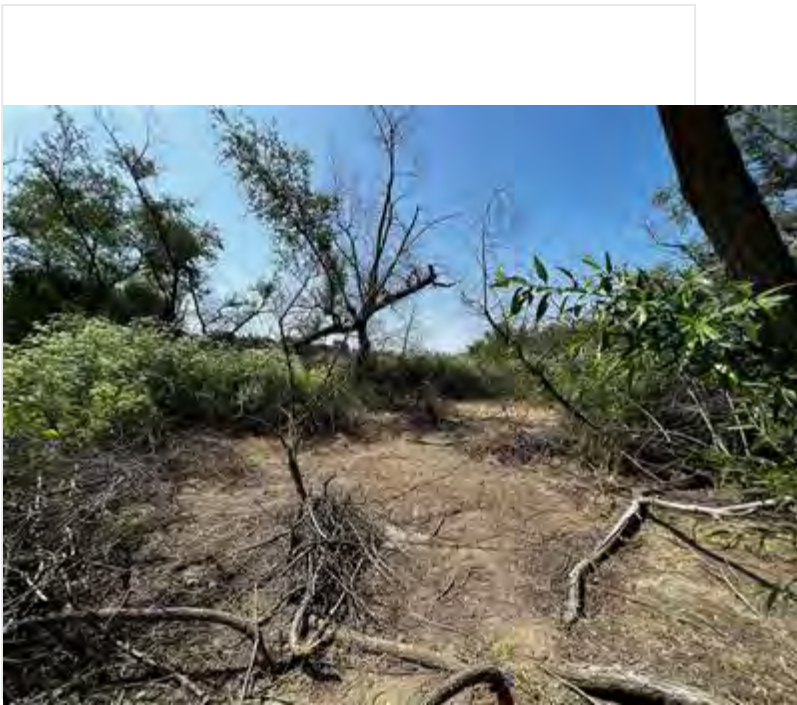
Veg clearing_before_ facing S.jpg

Photo 2



Veg clearing_before_facing SW.jpg

Photo 3



Veg clearing _ before _ facing SW.jpg

Photo 4



photo_4-20220518-144730.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

80

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several fluid, overlapping strokes. The signature is contained within a rectangular frame.

signature-20220518-215057.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 19, 2022, 1:29:18 PM

Date of Log

May 18, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 8 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO SPTO COYE
MALL CAGO SPSA BARS CLSW RTHA ACWO PHAI**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on eastern side slopes targeting smartweed, curly dock, pepper weed, lambs quarters and mustard.

0900: Crew takes a break.

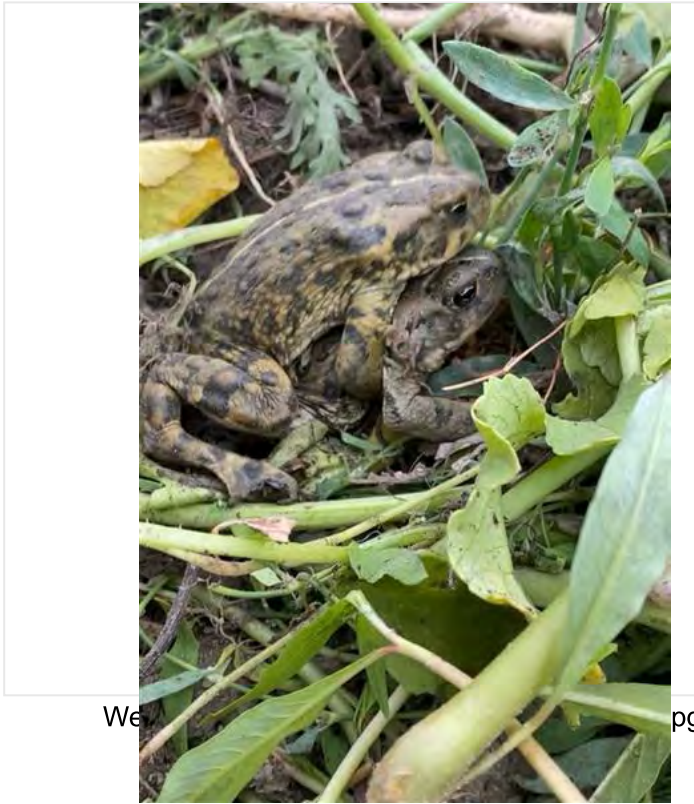
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



We pg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

80

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail identified

Signature

A handwritten signature in black ink, appearing to read "L. Halpern", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L" and a long, sweeping underline.

signature-20220518-201243.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 19, 2022, 3:23:38 PM

Date of Log

May 19, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:40

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 6 hand pulling weeds in DG-W-2

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

TRSW, MODO, CASI, CATO, BUSH, BEWR, NOMO, CATH, YEWA, CAQU.

Did You observe any Non-Compliance Issues?

No

Log Entry

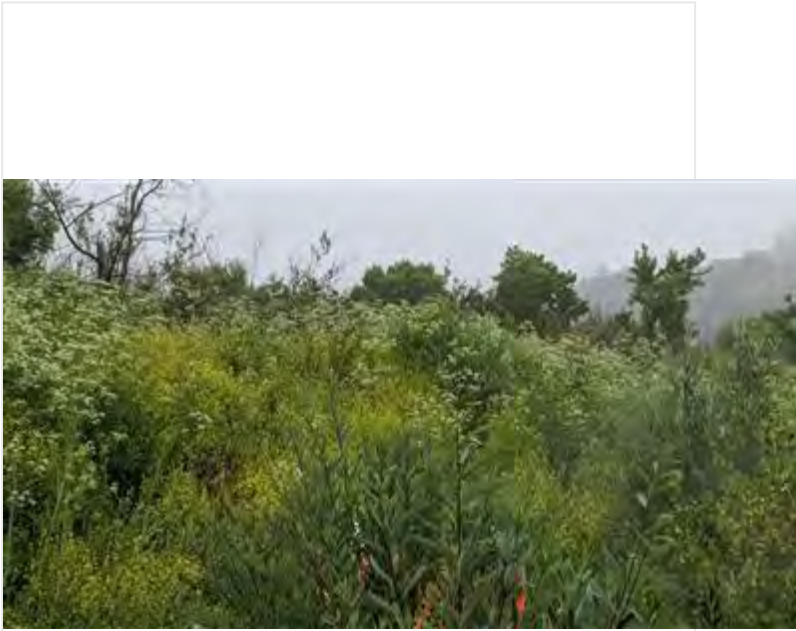
0700 monitored vegetation clearing. Crew removing mustard and hemlock in the stream bed and banks. 0930 crew moved to the mining pit to join the other crew in vegetation removal. Mostly hemlock removed from site. 1350 crew uncovered a quail nest after removing hemlock. Work was stopped in the area and nest re-surrounded with some vegetation.

Photo 1



VegRemoval_before_facingE.jpg

Photo 2



VegRemoval_Before_FacingW.jpg

Photo 3



photo_3-20220519-162844.jpg

Photo 4



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:23

Ending Temperature (°F)

73

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "A. Heath". The signature is written in a cursive style with a large initial "A" and a stylized "H".

signature-20220519-222259.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 19, 2022, 2:26:46 PM

Date of Log

May 19, 2022

Monitor/Biologist

Cooper walton

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image and temp crews of 7 hand pulling weeds in the mining pit DG-W-2

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**NOMO CATO SPTO MODO NUWO SOSB BEWR CATH RCPA WWPE ATFL RTHA BUOR NRWS OATI LEGO
BHGR HOFI WAVI ATFL CASJ BUSH CAQU BLPH AMCO AMCR MALL COASTAL WHIPTAIL SCELEPHOROUS
SP. CA GROUND SQUIRREL WESTERN TOAD**

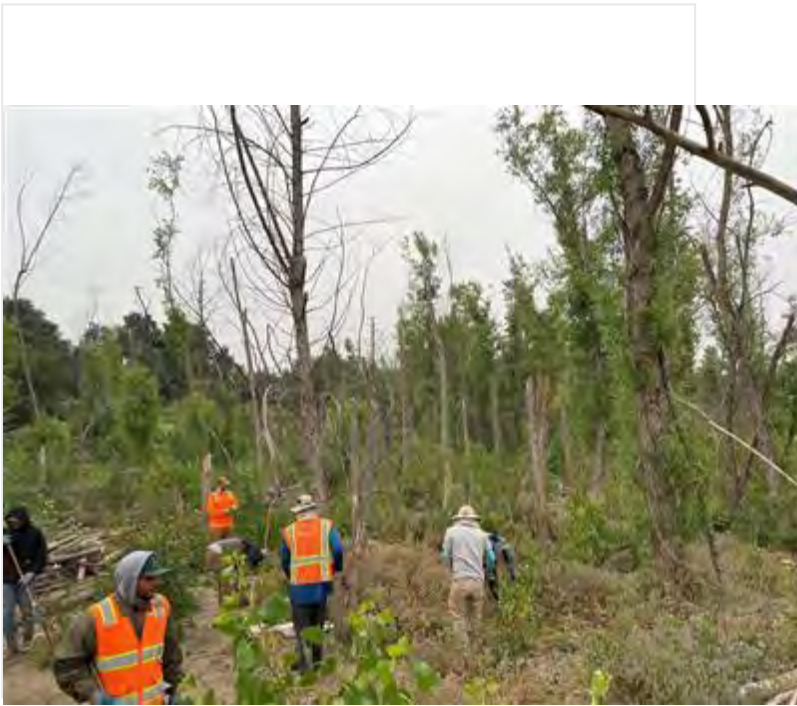
Did You observe any Non-Compliance Issues?

No

Log Entry

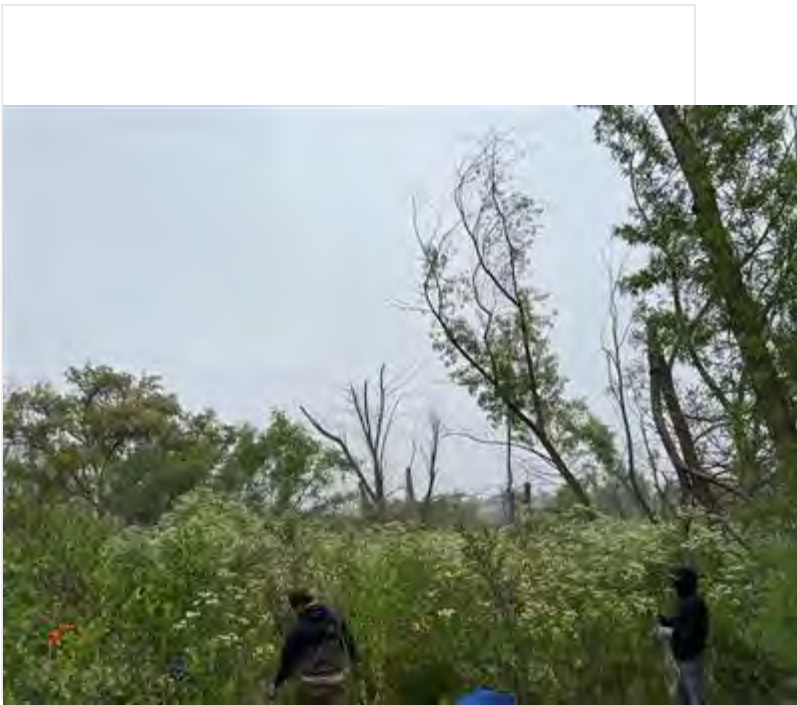
0650 I cleared the mining pit area west of the channel and crews started hand pulling weeds in this area. I spent the next 20 minutes or so watching the crew and observing the CALT nest just east of the channel. After no sign of CALT activity I approached the nest, deemed it inactive and removed the buffer. Crews then moved across the channel and began pulling weeds on the East side of the channel in the mining pit in the area that had previously been within the buffer at roughly 0720. At 0915 the other crew joined the crew I was with to take over the hand pulling, at this point Alec took over the weeding monitoring and I performed nest checks. I removed the buffer from CSJA-7 and updated CALT-07 that the nest was probably inactive but I would wait to remove the buffer. I also found an active nuttall's woodpecker nest (feeding young) that I put on the map and flagged a buffer for NUWO-2. I then went back to monitoring pulling of weeds. I ended the day checking on toads on the south end of the reservoir. They are still present in wet areas near the waters edge but the slope is fine to be hydroseeded.

Photo 1



Vegetation clearing_ mining pit_ before_ facing N x NW.jpg

Photo 2



Vegetation clearing before_ mining pit_ facing NE.jpg

Photo 3



Veg clearing after_mining pit_facing ExNE.jpg

Photo 4



Veg clearing after mining pit facing N_N end of area.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:25

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "T. W. L.", is centered within a rectangular box. The signature is written in a cursive style with several distinct strokes.

signature-20220519-212523.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 19, 2022, 4:18:18 PM

Date of Log

May 19, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO SPTO MALL
CAGO NRWS RTHA ACWO RUDU**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on eastern side slopes targeting smartweed, curly dock, pepper weed, lambs quarters and mustard. Crew works spread out with minimal tools to avoid impacts to western toads.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Sideslope_crew_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela Upm...". The signature is written in a cursive style with a large initial 'L' and a long, sweeping tail.

signature-20220519-203346.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 20, 2022, 1:53:47 PM

Date of Log

May 20, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

07:00

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 10 hand pulling weeds in DG-W-2.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**ACWO, CATO, SPTO, CATR, SOSP
gopher snake, ANHU, YEWA, Western toad, MODO.**

Did You observe any Non-Compliance Issues?

No

Log Entry

0700: surveyed work area. 0720 monitored vegetation removal. The area was in a nest buffer. Area was cleared before work began. No nest or nesting activity discovered. Crew removed hemlock and mustard. 1330 most of the crew began cleanup with 3 people still pulling.

Photo 1



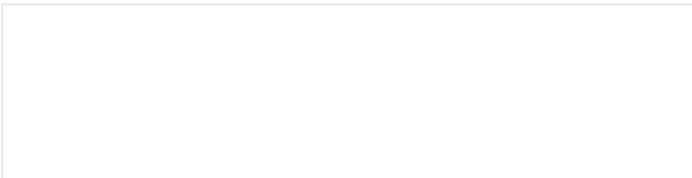
photo_1-20220520-141843.jpg

Photo 2



VegRemoval_after_FacingE.jpg

Photo 3



VegRemoval_before_facingN.jpg

Photo 4



VegRemoval_after_FacingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

61

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

100

Signature

A handwritten signature in black ink, appearing to read "A. [unclear]". The signature is written in a cursive style with a large initial "A" and a horizontal line across the middle.

signature-20220520-205314.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 20, 2022, 2:16:35 PM

Date of Log

May 20, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

53

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Weed abatement/vegetation clearing**
- 2. Hand tools**
- 3. Crew of 12 + Scott**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds:

CALT, SPTO, AMCR, BEWR, VGSW, BASW, NRWS, MALL, SOSP, KILL, AMCO, BUSH, HOFI, CASJ, HOSP, CAGO, BTPI, Parakeet sp., ALHU, ANHU, NUWO, PHAI, ACWO, WIWA, CAQU, COHA, OATI, CATH, PSFL, MODO, RTHA, NOMO, CORA

Herps:

Western toad

Mammals:

Ground squirrel, Audubon's cottontail, Coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0830 Went to update old nests

0845 Crew broke for break

0930 Heard a COHA on upper edge of trail where I had observed individuals flying into before; unsure if it is a popular foraging spot, or if there may be a nest. Searched for a nest previously with no luck; however the angle of the slope makes looking into the trees difficult, and if there were a nest it would be well outside of the project area

1050 observed new ACWO nests

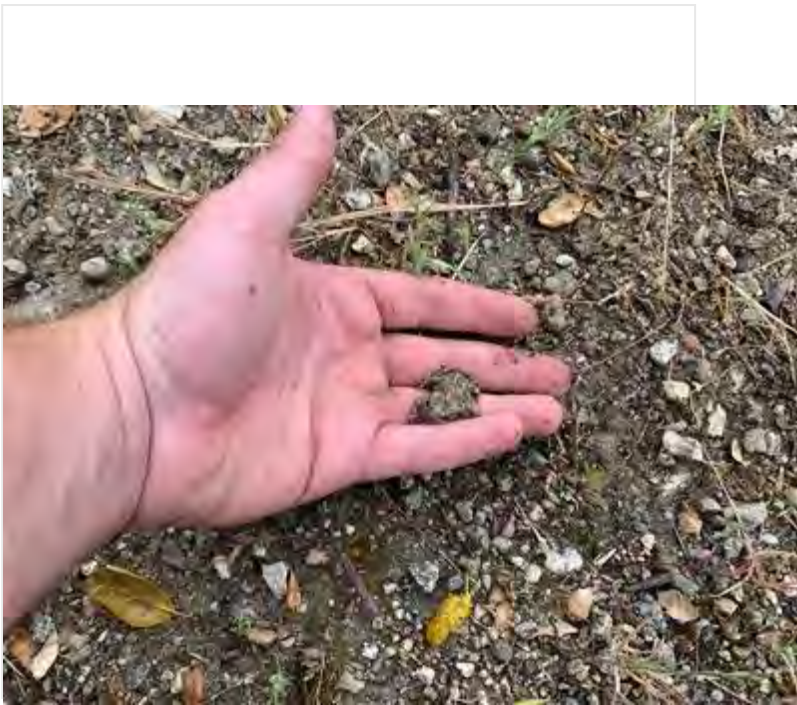
1120 observed new CALT nest

Photo 1



Crews_clearing_SE_bank_facingS.jpg

Photo 2



Small_western_toadlet.jpg

Photo 3



Mother_coyote_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

61

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)


100

Additional Comments

There was an abundance of recently metamorphosed western toads all over the site. This paired with the cool and misty weather made it so that activity levels of the toads was high even during the peak of the day. I advised the crew to work with caution, but the sheer number and the minute size of many of the toadlets made it impossible to not have some number of accidental casualties.

Scott saw 5 coyote pups while walking near Johnson Field. Confirming that the den I had noted weeks prior actually was active. I later saw the mother nearby and placed a 50 ft buffer around the den location.

Signature

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke, enclosed in a thin black rectangular border.

signature-20220520-211613.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 24, 2022, 12:53:03 PM

Date of Log

May 23, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

51

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO SPTO MALL
CAGO NRWS RTHA ACWO CAKI PHAI**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-1 targeting dodder, mustard, plantain and Erodium.

0710: Biologist finds a pair of MODO constructing a nest in DG-1.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



MODO_nest_location_DG-1_facingW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

72

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed.

Signature

A handwritten signature in black ink, appearing to read "John V. [unclear]", enclosed within a thin black rectangular border.

signature-20220523-201731.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 23, 2022, 7:56:20 PM

Date of Log

May 23, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 14 hand pulling weeds in DG-W-2 mining pit and DG-W-2 mining pit outlet channel.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Southwestern willow flycatcher**
- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

SPTO, NOMO, CALT, MODO, CASJ, LEGO, OATI, CATH, ACWO, ANHU, COYE, NUWO, WBNU, RCPA, RTHA, GBHE, CAQU, ATFL, AMCR, KILL, PUFU, WIFL (unsure of subspecies), YEWA, HOOR, HOFI, BTPI, western toad, common side blotched lizard, desert cottontail, western fence lizard, California ground squirrel, coastal whiptail, CAKI,

Did You observe any Non-Compliance Issues?

No

Log Entry

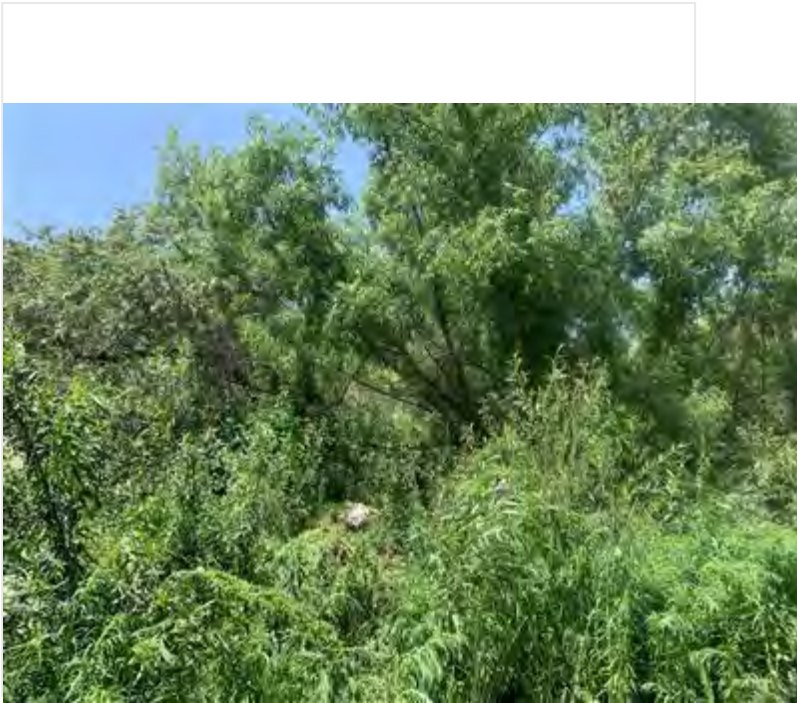
0630: surveyed work area. Found COYE nest. Cleared crew to work north of nest. 0650: monitored vegetation removal in mining pit. Targets were Mustard, Sonchus sp, and Conium. 1030: observed WIFL. Moved crew to mining pit channels. 1100: found MODO nest in palm tree NW of site. 1130: moved crew back to mining pit, monitored. 1300: checked for toads on west basin slope; dispersal has been minimal. 1330: detected WIFL again. Observed no nesting behavior. 2 countersinging. 1430: crew wrapped up pulling while I inspected site.

Photo 1



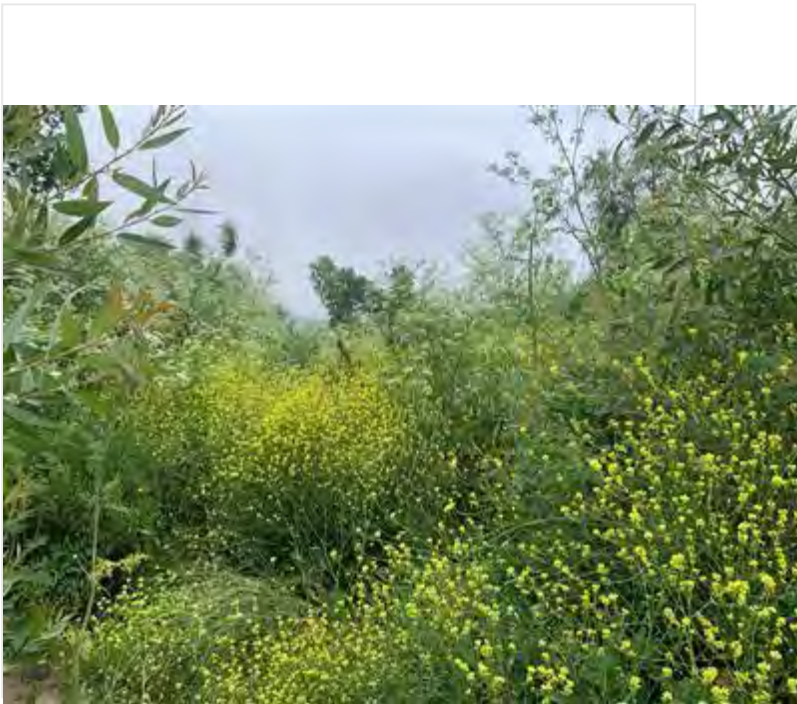
photo_1-20220523-pre_weeding_facingN.jpg

Photo 2



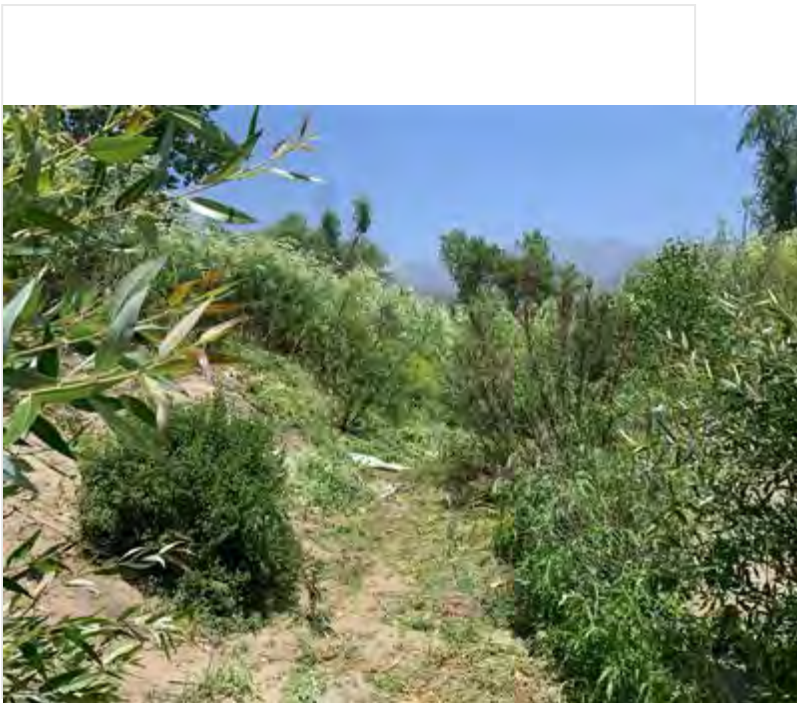
photo_2-20220523-post_weeding_facingN.jpg

Photo 3



photo_3-20220523-pre_weeding_facingN.jpg

Photo 4



photo_4-20220523-post_weeding_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

No

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

72

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "MILWAUKEE", is centered within a white rectangular box. The signature is written in a cursive, stylized font with some overlapping letters.

signature-20220523-195357.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 25, 2022, 1:27:06 PM

Date of Log

May 24, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU NUWO SPTO RTHA
ACWO CAKI PHAI**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-1 targeting dodder, mustard, plantain and Erodium.

0900: Crew takes a break.

0915: Crew returns to work.

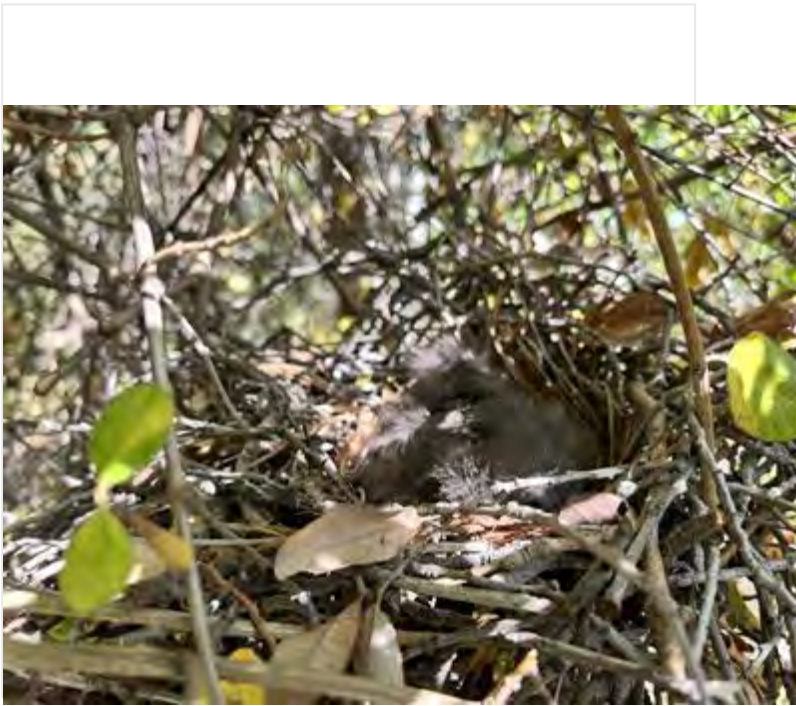
0930: Biologist finds a CATH nest east of DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



CATH-03_nest_west_of_DG-1.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

84

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, appearing to be 'John M.', is centered within a white rectangular box. The signature is written in a cursive style with a prominent vertical stroke in the middle.

signature-20220524-195750.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 24, 2022, 4:01:06 PM

Date of Log

May 24, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

55

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 13 weeding in DG-W-2 mining pit with hand tools.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, NOMO, CALT, SOSp, BUSH, BHGR, BEWR, CATH, NRWS, LEGO, HOFI, CAQU, CAKI, OATI, CASJ, MODO, HOWR, NUWO, DCCO, AMCR, MALL, KILL, AMCO, ATFL, ANHU, BGGN, WBNU, SPTO, western toad, desert cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

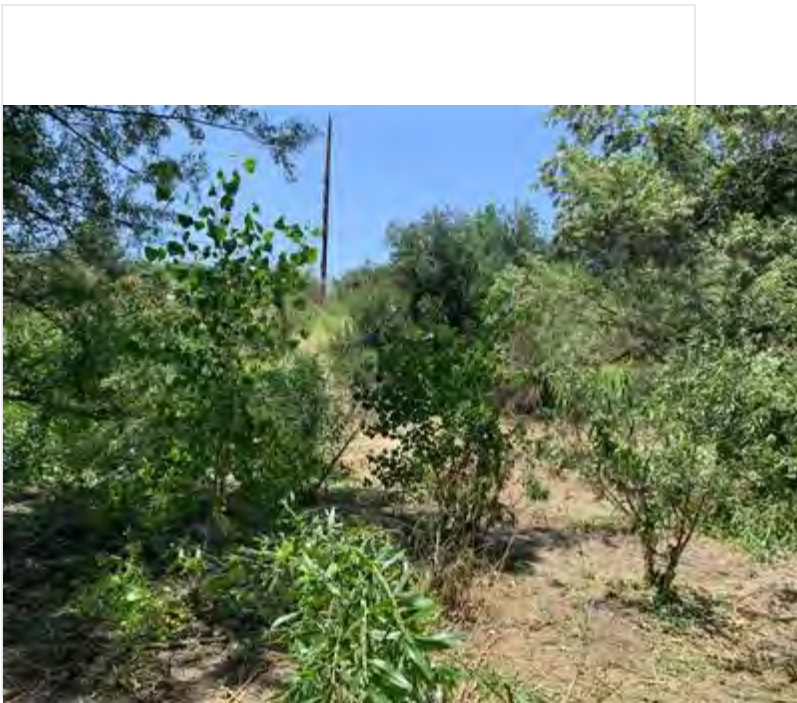
0630: surveyed work area, DG-W-2 mining pit, the north half. Cleared crew to work. 0650: monitored weeding. Primary targets were Conium, Mustard, and Rumex sp. lots of bird activity in area, but it appeared to just be birds that were following crew to forage on grubs (CALT, CASJ, SOSp). An old CASJ nest from 2021 is visible on the NE edge of the mining pit, still mostly intact but dilapidated. 0800: removed buffer from COYE_1 due to inactivity; nest appears abandoned. 1130: checked nearby CATH/CASJ nests just east of crew. Both had fledged, buffers were removed. 1300: surveyed tomorrow's work area, the SE pocket of the mining pit. Found a defunct nest next to a planting cage that appeared to have been vacant several months. 1450: crew began wrapping up while I surveyed the site.

Photo 1



photo_1-pre_weeding_mining_pit_facingW.jpg

Photo 2



photo_2-post_weeding_mining_pit_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "NICK WILSON", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220524-155955.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 26, 2022, 10:37:55 AM

Date of Log

May 25, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

58

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA MALL CAGO CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU
NUWO SPTO RTHA ACWO CAKI LEGO**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-3A and DG-3B targeting mustard, pepperweed and Poison hemlock.

0900: Crew takes a break.

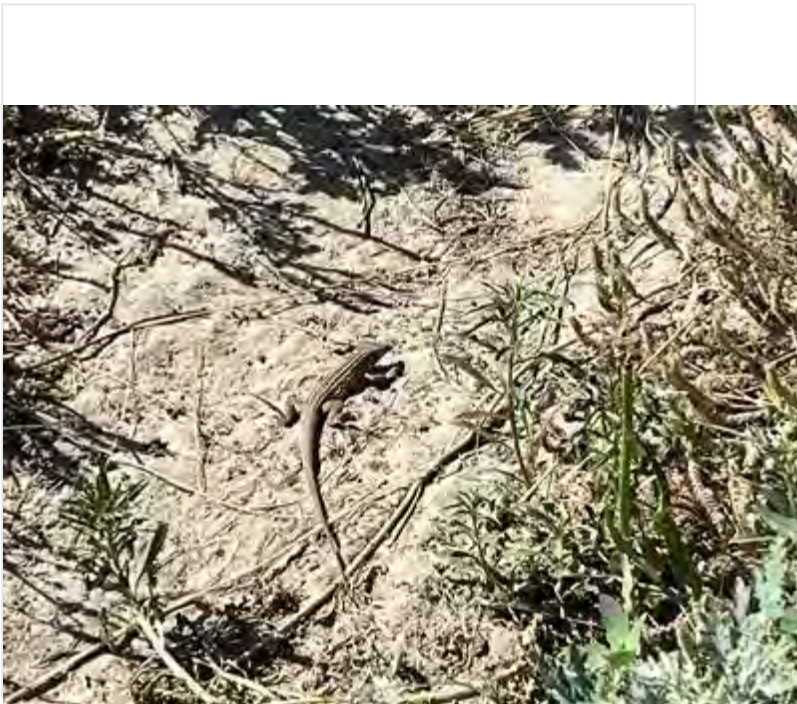
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Coastal_whiptail_sideslopeE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

83

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, appearing to read "Lehman", is centered within a white rectangular box. The signature is written in a cursive style with a horizontal line at the end.

signature-20220525-203229.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 25, 2022, 5:05:52 PM

Date of Log

May 25, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 10 hand pulling invasive weeds in DG-W-2 mining pit and mining pit outlet.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BUSH, SOSP, CALT, HOFI, CASJ, CATH, NUWO, ACWO, BEWR, SPTO, NOMO, COYE, HOWR, BHGR, WTSW, WEWP, OATI, YEWA, NRWS, western toad, common side blotched lizard, deer mouse, BGGN, California ground squirrel, WEBL, western fence lizard.

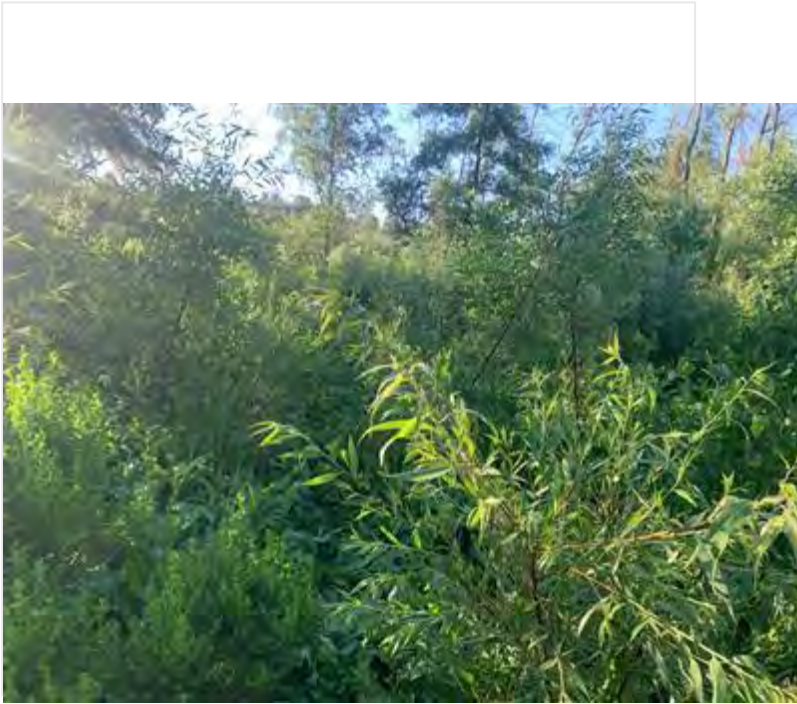
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area, DG-W-2 mining pit. Still numerous SOSP/CATH/CASJ foraging on open dirt left by crew, no nesting activity. 0650: cleared crew to work. Monitored weeding in the mining pit just north of the treeline. Primary targets were Conium and Rumex sp. area was also covered with a lot of cocklebur; had crew remove so that it doesn't choke out our container plants. 0730: went over to DG-4 sheetflow to survey, found that ACWO-1 was now active. Updated collector and flagged off a 50 foot buffer. Noticed a lot of toadlets in the 2-ft wide part of the channel, relocated them (~100) due to trampling risk a few hundred feet south in similar habitat. Area had steep walls so they could not disperse when crew eventually comes walking through. 0745: resumed monitoring weeding. 1020: found an irrigation valve that had come off fully. Crew fixed it. 1040: crew member uncovered a deer mouse burrow that was underground beneath a plant they hand pulled, 6-8 Pinkies and an adult. Built a shelter around and over what remained of the nest using pulled Rumex. Spread a full tarp's worth of veg around area, flagged off, and instructed crew not to pull veg near this area (15 foot buffer). Noticed that the mother was grabbing the offspring one by one to move them elsewhere. 1130: crew was about done in previous area; moved to mining pit outlet channel to pull mustard and Conium. 1200: crew finished the patch they were working in, moved further south into the channel portion of the sheetflow area (still same polygon). 1300: did photo points task on east side.

Photo 1



photo_1-20220525-pre_weeding_mining_pit_facingW.jpg

Photo 2



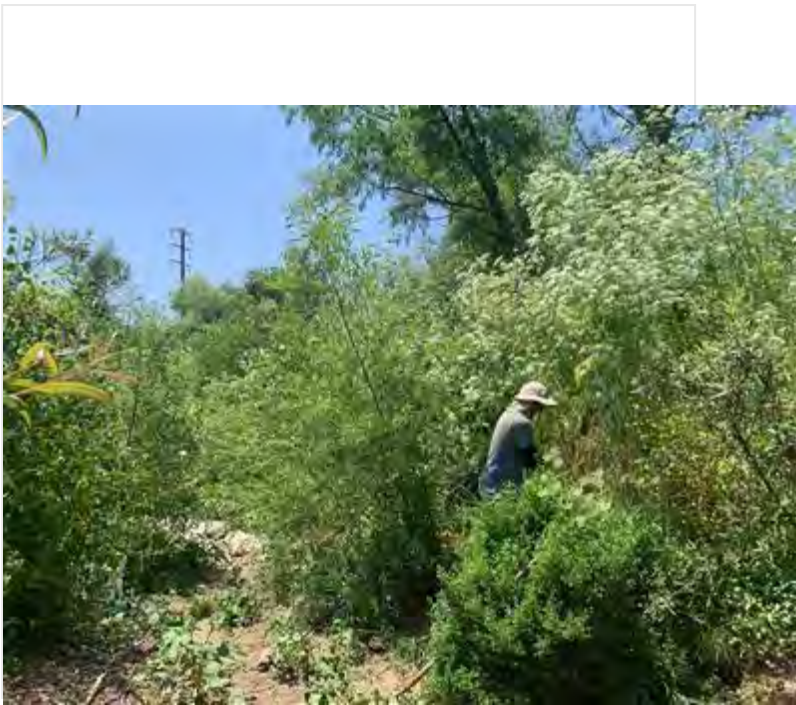
photo_2-20220525-post_weeding_mining_pit_facingW.jpg

Photo 3



photo_3-20220525-broken_valve_facingN.jpg

Photo 4



photo_4-20220525-crew_weeding_mining_pit_channel_facing...

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

79

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several vertical and diagonal strokes, followed by a horizontal line that extends to the right.

signature-20220525-170335.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 27, 2022, 7:19:06 AM

Date of Log

May 26, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

A crew of 4 worked in the DG-4 drainage area pulling vegetation.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CAQU, ACWO, YEWA, SPTO, COYE, CASJ, parrots, western toad.

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 monitored vegetation clearing in DG-4 drainage area. Observed many western toads. The crew was very aware of the toads and allowed them to move out of the way while working. I moved ahead and pushed toads out of the work path.

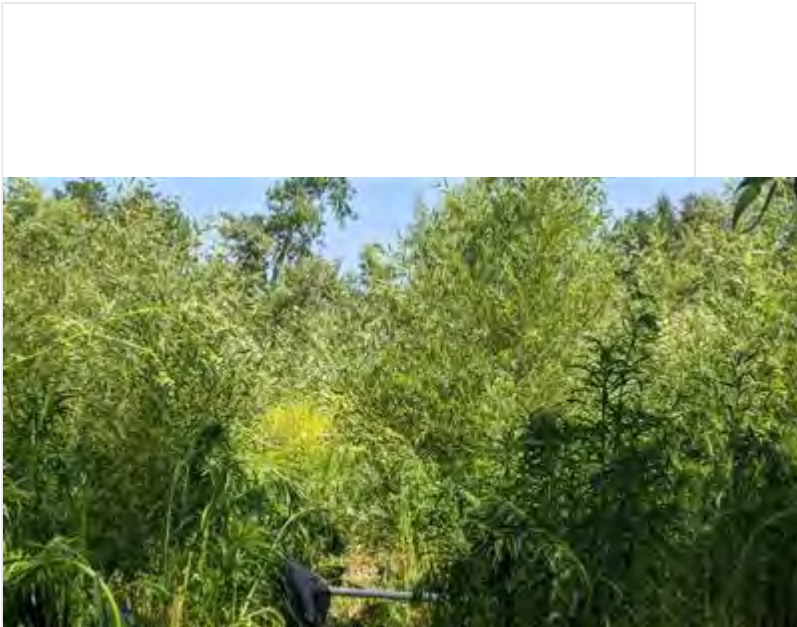
11:50 crew began pulling on the edges and banks of the drainage area. 1400 crew finished pulling and began cleanup.

Photo 1



photo_1-20220526-142859.jpg

Photo 2



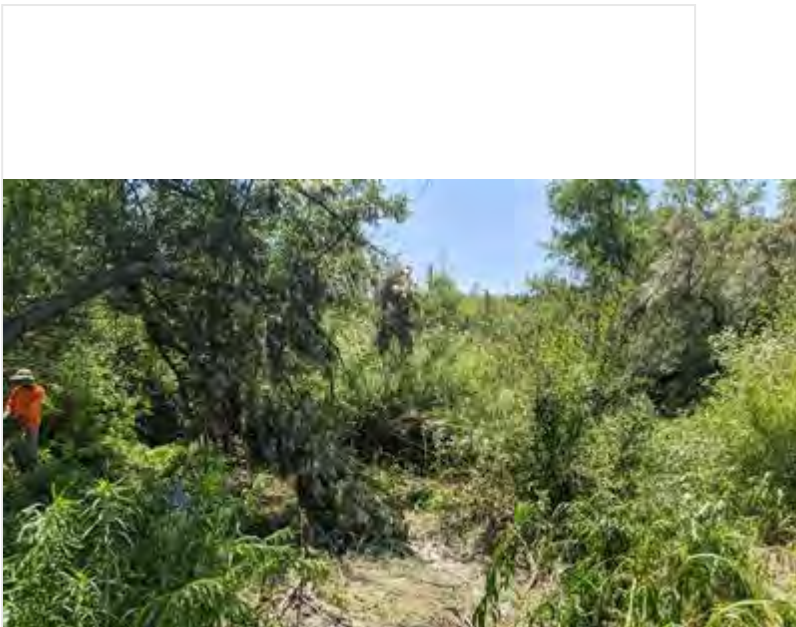
VegRemoval_after.jpg

Photo 3



VegRemoval_during_facingN.jpg

Photo 4



photo_4-20220526-204702.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several stylized, overlapping strokes. The signature is contained within a rectangular box.

signature-20220527-141750.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 31, 2022, 9:21:42 AM

Date of Log

May 26, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Christian Diaz as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA MALL CAGO CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU ALHU
NUWO SPTO RTHA ACWO CAKI LEGO BLPH**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-3A and DG-3B targeting mustard, pepperweed and Poison hemlock.

0900: Crew takes a break.

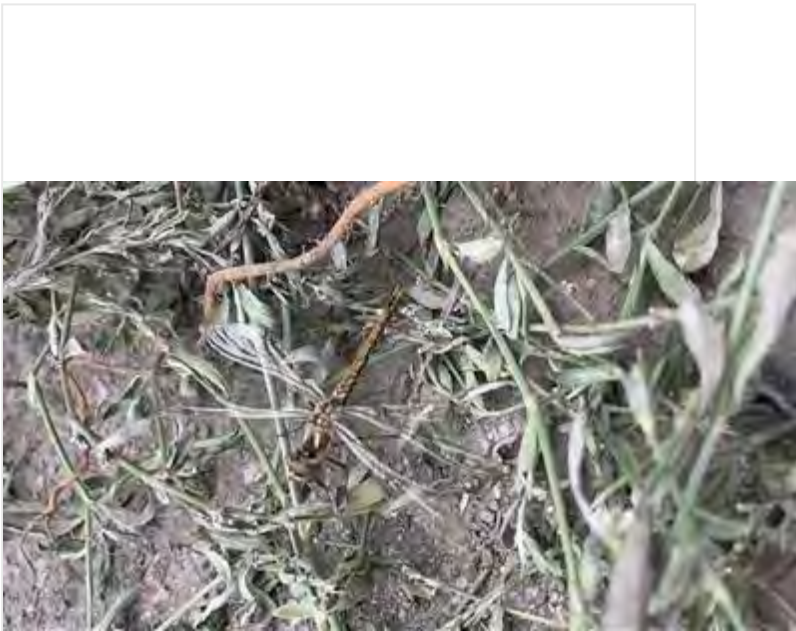
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Varigated_meadowhawk_DG-3A.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, appearing to read "John Upz", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220526-200841.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 27, 2022, 12:10:20 PM

Date of Log

May 27, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

58

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7 hand pulling non-native vegetation in DG-4.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATH, ACWO, CALT, SPTO, NOMO, COYE, HOFI, NUWO, BHGR, BUSH, TRSW, western toad, coastal whiptail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0700 crew began vegetation removal in DG-4 sheetflow up to nest boundary. 0900 the crew moved east pulling vegetation along DG-4 drainage area. 0940 a black-headed grosbeak nest was discovered in the work area and work stopped. Nest was not disturbed or uncovered. 0945 crew moved to DG-4A and began hand pulling mustard. Crew stopped pulling at 1208 and began clean up.

Photo 1



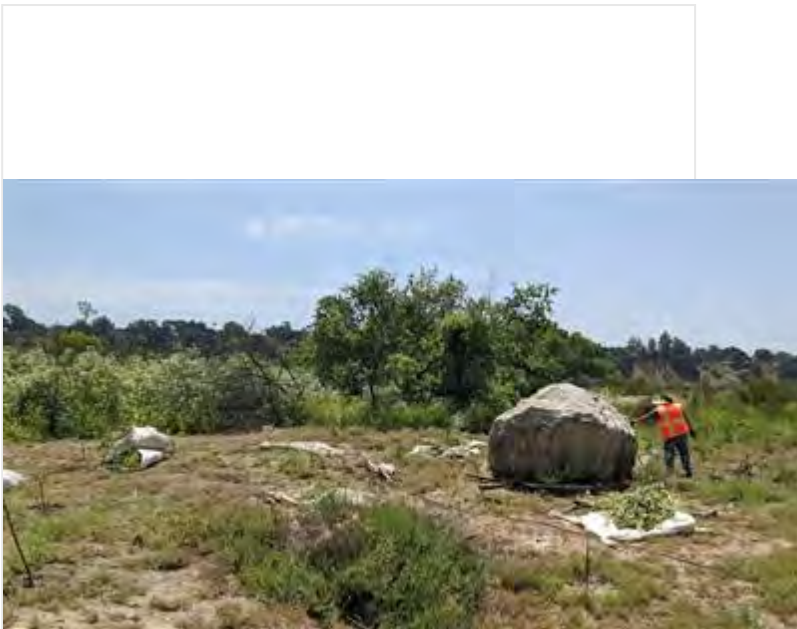
VegRemoval_before_facingS.jpg

Photo 2



VegRemoval_during_facingS.jpg

Photo 3



photo_3-20220527-184128.jpg

Photo 4



photo_4-20220527-190740.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

12:08

Ending Temperature (°F)

66

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'A. M.', enclosed in a thin black rectangular border. The signature is written in a cursive style with a horizontal line across the middle.

signature-20220527-190846.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 27, 2022, 1:37:59 PM

Date of Log

May 27, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement**
- 2. Hand tools/hand pulling**
- 3. Gothic crew of 9**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: SOSP, CALT, SPTO, CASJ, Parakeet sp., NRWS, KILL, MALL, AMCO, CAGO, CLSW, BASW, HOWR, NUWO, BUSH, CAQU, GREG, ACWO, NOMO, CATH, ALHU, ANHU, AMCR, MODO, HOFI, PHAI

Mammals: Ground Squirrel, Audubons Cottontail, Coyote

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You observe any Non-Compliance Issues?

No

Log Entry

0900 crew broke for break

1000 crew discovered a single broken egg near the NUWO nest adjacent to the trail; appears to have been predated on. No nearby work was being done at the time and original shell damage was indicative of non-human cause. Contents within the egg largely missing; few markings; unable to determine species.

1100 Crew moved to DG-2

1125 Observed a coastal whiptail in DG East Trail 3

1145 Crew took lunch

Photo 1



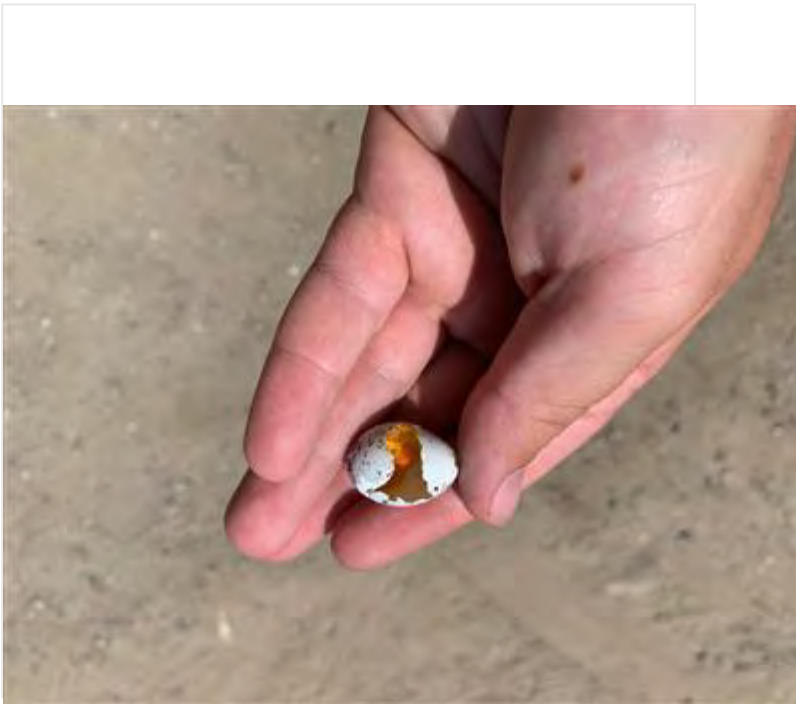
Crews_working_along_bank_facingSW.jpg

Photo 2



Crews_working_along_DG-3_facingW.jpg

Photo 3



Predated_egg_found_near_trail.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

72

Ending Wind Range (MPH)

0-3

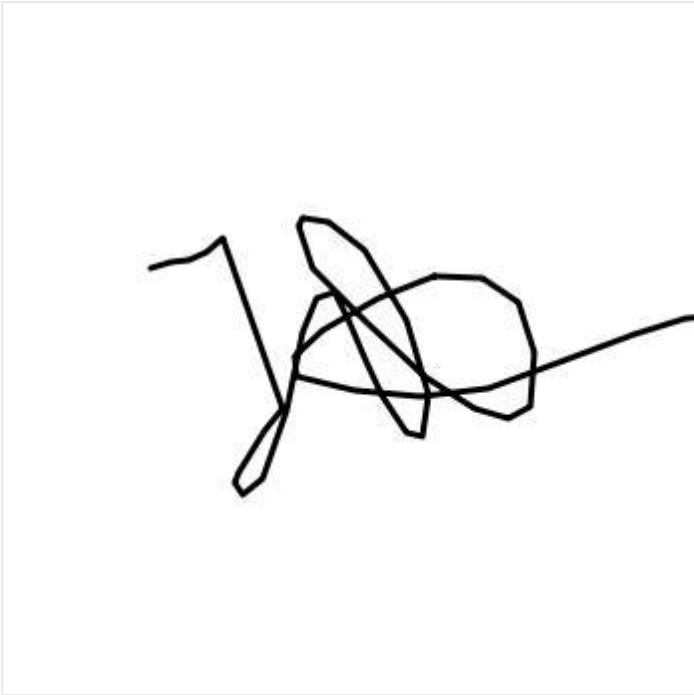
Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature



signature-20220527-203406.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: May 31, 2022, 4:42:23 PM

Date of Log

May 31, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

30

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CAQU LCPA MALL CAGO CALT CATH SOSP CASJ HOFI AMCR CORA HOWR NOMO ANHU NUWO SPTO
ACWO LEGO BLPH RTHA**

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on eastern side slopes targeting mustard, pepperweed and lambs quarters.

0830: Crew switches locations to work in Johnson Field, targeting mustard, marestail, pepperweed and poison hemlock.

0900: Crew takes a break.

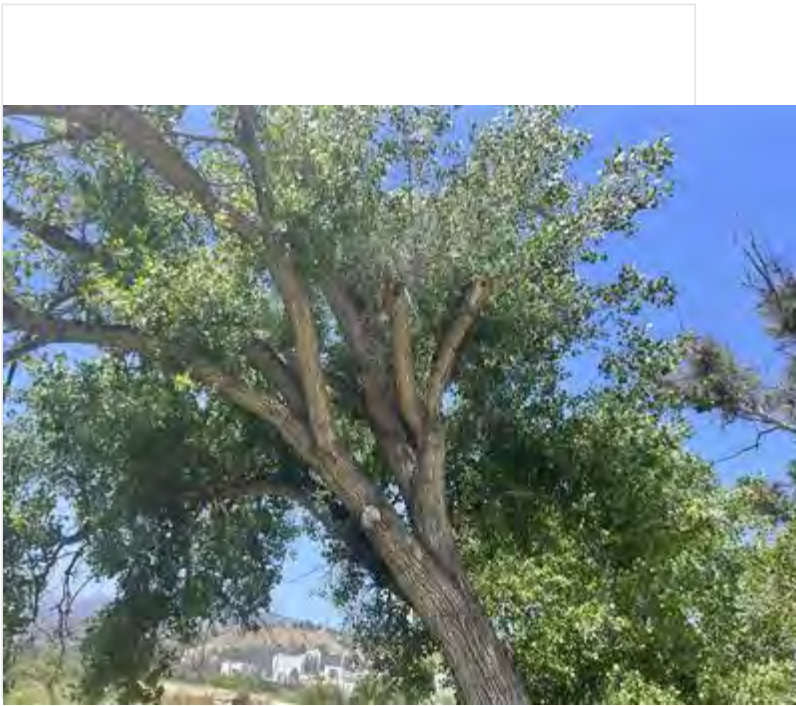
0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Tree_cavities_johnson_field_facingNW.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, reading "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L".

signature-20220531-202014.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: May 31, 2022, 2:13:18 PM

Date of Log

May 31, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

57

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 6 weeding in DG-4 sheetflow, DG-4 drainage and DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CATH, SPTO, CALT, CASJ, MODO, YEWA, LEGO, ACWO, BUSH, HOFI, NRWS, CAQU, BHGR, OATI, BEWR, NUWO, ALHU, WEBL, RTHA, CAKI, ATFL, KILL, GRHE, MALL, AMCO, CORA, YEWA, WBNU, DEJU, San Diego alligator lizard, desert cottontail, western fence lizard, western toad, California ground squirrel.

Did You observe any Non-Compliance Issues?

No

Log Entry

**0630: crew set up while I surveyed work area. Found SOSP_5 nest, flagged off and advised crew to avoid.
0650: crew began hand pulling weeds in DG-4 sheetflow area just west of the channel. Area was planted with Salix woodland alliance. Target weeds including poison hemlock and mustard. Lots of Erigeron canadensis in area. One crew member (Ed) assigned to running/checking irrigation for duration of workday. 0900: did some nest checks, closed down EUCD_1, ALHU_1, OATI_1, BUSH_2, CASJ_2, BUSH_3, RCPA_1, BUSH_9. 1030: found nest CALT_11 near crew, bird began to scold crew. Moved crew to other side of nearby treeline, adults continued feeding young. 1130: did more nest checks, removed buffers from BUSH_13, CALT_1. 1400: crew began wrapping up pulling while I inspected the site.**

Photo 1



photo_1-20220531-pre_weeding_facingW.jpg

Photo 2



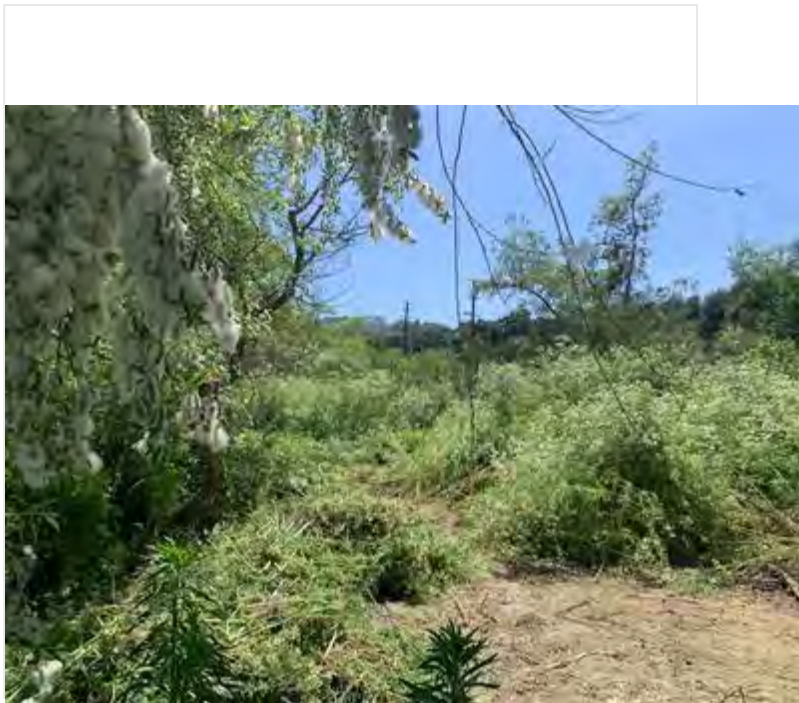
photo_2-20220531-post_weeding_facingW.jpg

Photo 3



photo_3-20220531-pre_weeding_facingS.jpg

Photo 4



photo_4-20220531-post_weeding_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:07

Ending Temperature (°F)

73

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "WILSON", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220531-140729.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 2, 2022, 1:03:29 PM

Date of Log

Jun 1, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

58

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

35

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO ACWO LEGO PHAI LEGO BUSH

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field, targeting mustard, marestail, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_Johnson_Field_facingSW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

78

Ending Wind Range (MPH)

4-6

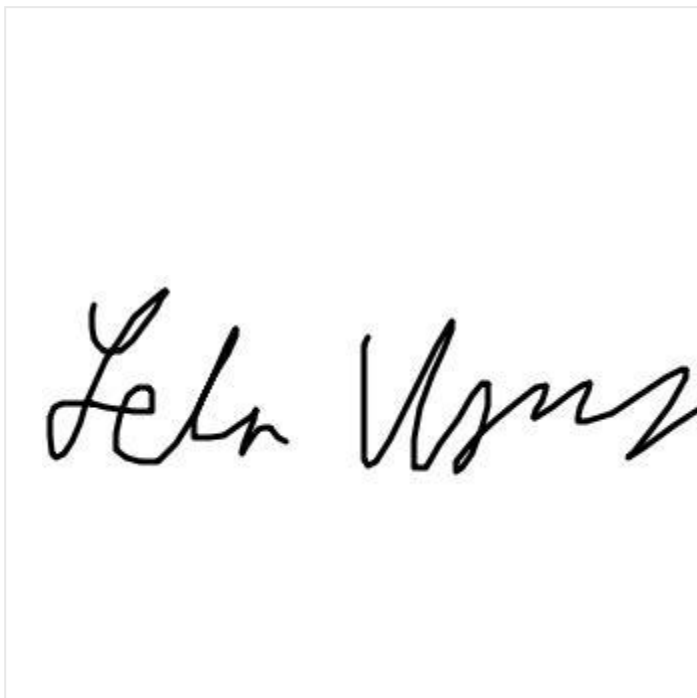
Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "John Adams".

signature-20220601-200448.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 1, 2022, 4:56:39 PM

Date of Log

Jun 1, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 6 weeding DG-4, DG-4A, and DG-4 sheetflow.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, CATH, RCPA, BEWR, YEWA, MODO, ACWO, NUWO, SPTO, HOFI, CAQU, NRWS, BUSH, AMCR, OATI, WEBL, BGGN, BHCO, COHA, ANHU, DCCO, MALL, SOSP, COYE, CORA, KILL, GREG, desert cottontail, western toad, western fence lizard, common side blotched lizard.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0650: monitored weeding in the sheetflow area, on the west and south side of the large patch of trees in the area. Primary targets were poison hemlock and mustard. There was a cluster of container plants in the area that the crew focused on weeding around. 0800: Found an inactive CASJ nest, juvenile had just fledged and was still following its parents around for food. 0840: a crew member showed me the location of 4 irrigation valve boxes that had beehives in them, new as of this week. Put them in collector and advised crew to avoid. 1130: did nest checks in area. 1300: preemptively surveyed the far southern end of the site. Logged a nest on collector (UNK_02) which is likely inactive, but biologist will check again in AM to ensure bird isn't just hunkered down due to high temps (~85). 1330: crew wrapped up pulling while I inspected the area. A lot more veg was pulled than usual so they took more time to load it into dumpster.

Photo 1



photo_1-20220601-pre_weeding_facingS.jpg

Photo 2



photo_2-20220601-post_weeding_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

85

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "W. H. N. A. S.", enclosed in a rectangular box.

signature-20220601-165457.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 2, 2022, 2:32:54 PM

Date of Log

Jun 2, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

62

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 5 doing vegetation clearing.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

LEGO, OATI, ANHU, BLPH, COHA, KIDE, SNEG, COYE, SPTO, CATO, HOFI, YEWA.

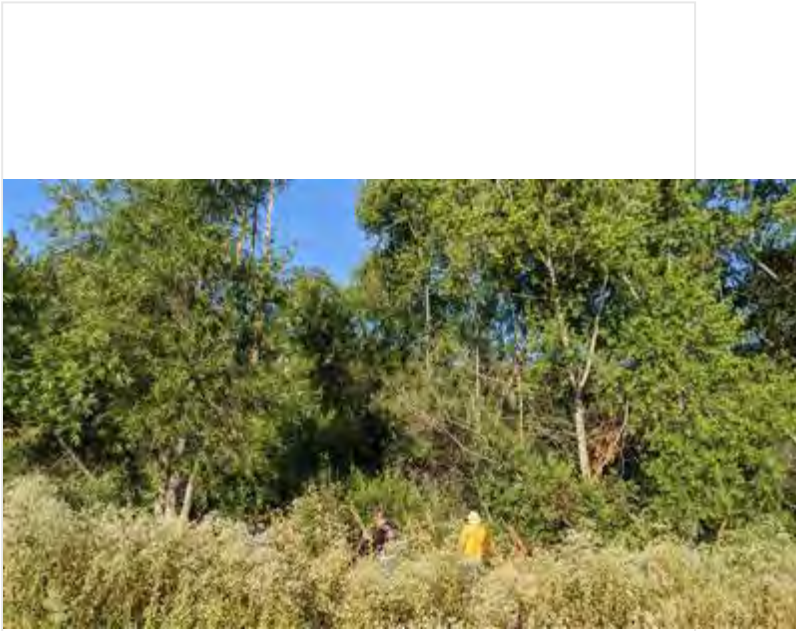
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0715 monitored vegetation clearing in DG-4 at the far South end. primary targets included mustard and perennial pepperweed. 1345: crew began wrapping up pulling while I inspected the site.

Photo 1



photo_1-20220602_pre_weeding_facingN.jpg

Photo 2



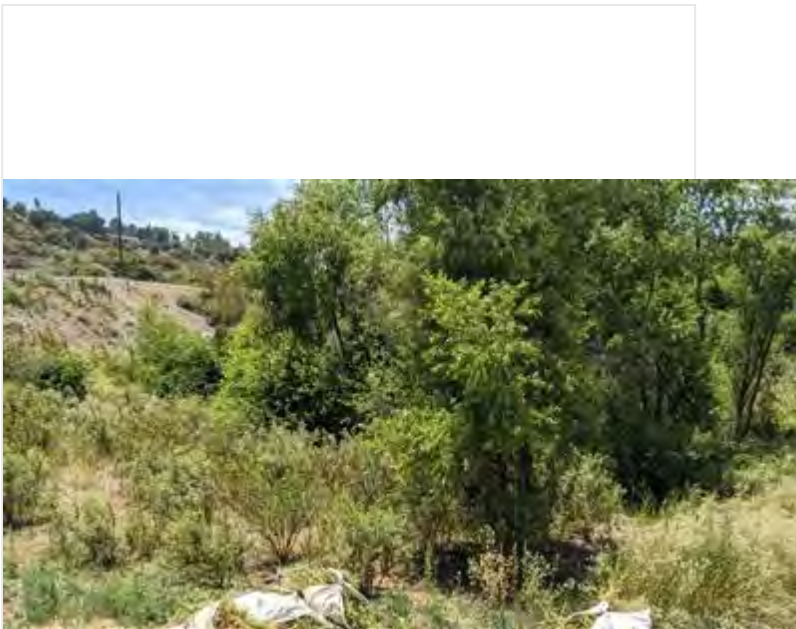
photo_2-20220602-crew_weeding_facingW.jpg

Photo 3



photo_3-20220602-post_weeding_facingN.jpg

Photo 4



photo_4-20220602-post_weeding_facingW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

85

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "J. M. O.", is written inside a rectangular box. The signature is stylized with a large initial 'J' and a horizontal line extending to the right.

signature-20220602-213208.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 2, 2022, 3:00:26 PM

Date of Log

Jun 2, 2022

Monitor/Biologist

Lela Updegrave

Starting Time

06:30

Starting Temperature (°F)

56

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

20

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO ACWO LEGO PHAI BUSH

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field, targeting mustard, marestail, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1115: Biologist finds MODO nest in DG-1

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



MODO_nest_DG-1_facingSE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

82

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

10

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, appearing to read "John W. Brown", is centered within a white rectangular box. The signature is written in a cursive style with a large initial "J" and a long, sweeping tail.

signature-20220602-200635.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 3, 2022, 4:35:35 PM

Date of Log

Jun 3, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

62

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 5, hand pulling vegetation and 2 people working on irrigation.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

LEGO, SPTO, SCJA, BUTI, SOSP, CORA, REHA, COYE.

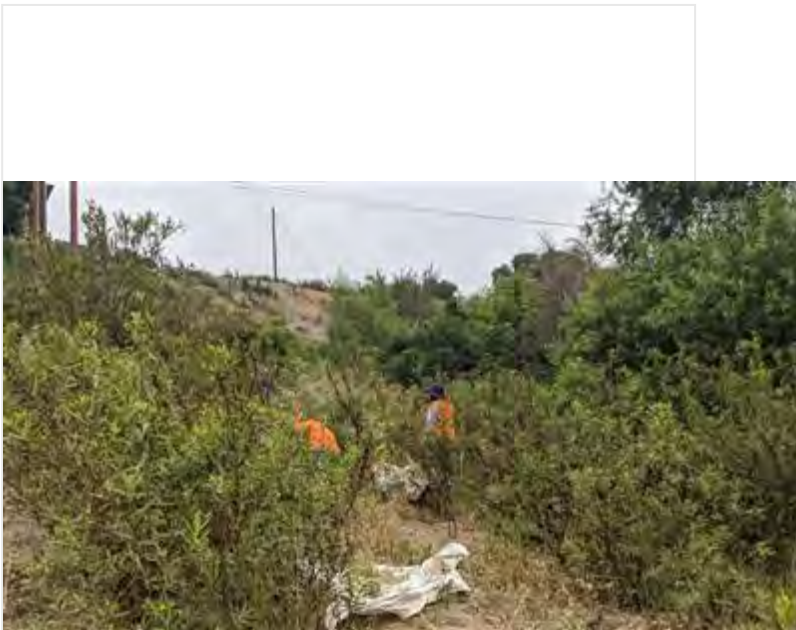
Did You observe any Non-Compliance Issues?

No

Log Entry

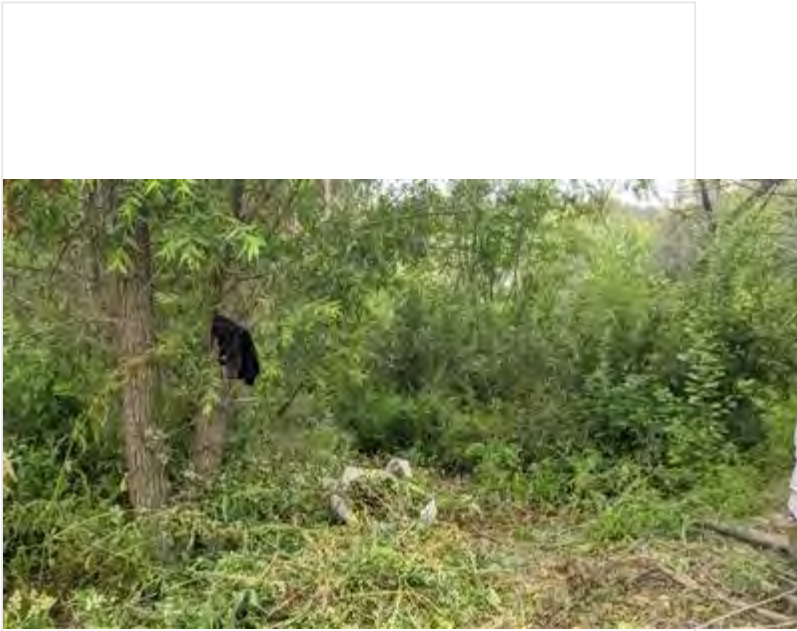
0630: surveyed work area while crew set up. 0700: monitored vegetation clearing. primary targets were mustard and perennial pepperweed. 1345 crew stopped pulling vegetation and began cleanup.

Photo 1



photo_1-20220603-crew_weeding_facingW.jpg

Photo 2



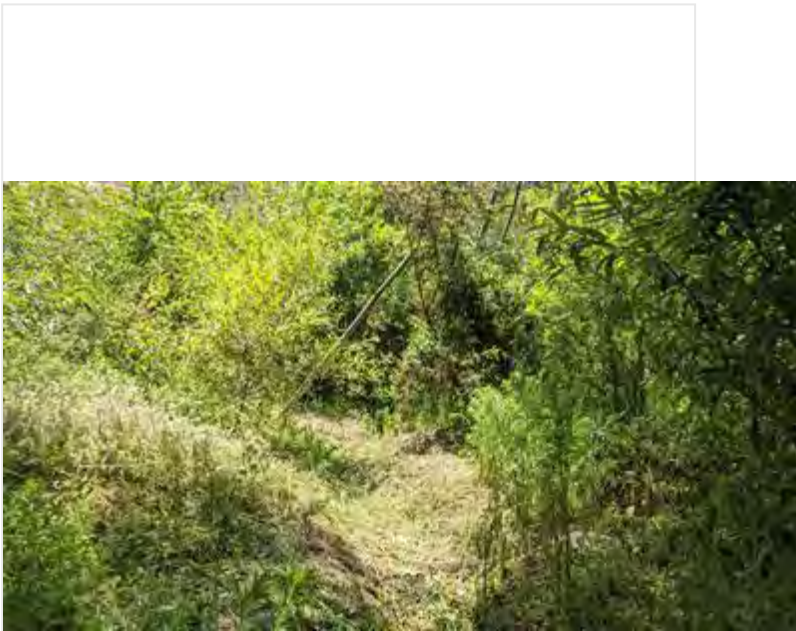
photo_2-20220603-pre_weeding_facingW.jpg

Photo 3



photo_3-20220603-post_weeding_facingW.jpg

Photo 4



photo_4-20220603-post_weeding_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

No

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

75

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink on a white background. The signature is cursive and appears to read "Heath". It features a large, stylized 'H' at the beginning, followed by 'e', 'a', 't', and 'h'. A horizontal line is drawn across the middle of the letters, and a curved line underlines the entire signature.

signature-20220603-233458.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 3, 2022, 3:29:03 PM

Date of Log

Jun 3, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

07:24

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement**
- 2. Hand tools**
- 3. Gothic crew of 8 + Caesar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: California Towhee, Cedar Waxwing, Song Sparrow, American Crow, Parakeet sp., Spotted Towhee, Lesser Goldfinch, Bewicks Wren, California Scrubjay, Acorn Woodpecker, Nuttals Woodpecker, California Quail, Annas Hummingbird, Northern Mockingbird, Allens Hummingbird, Northern Rough-winged Swallow, Snowy Egret, Green Heron, American Coot, Common Raven, Mallard, Killdeer, Black Phoebe, Barn Swallow, Phainopepla, House Finch, Mourning Dove, Cliff Swallow, House Wren, California Thrasher

Herps: Western Toad, Coast Whiptail, Western Fence Lizard, Side-blotched Lizard

Mammals: Ground Squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630 crews left to start work in DG-W-1

0700 cleared/updated old quail nests near the work area

0800 keyed the flowering/seeding erigeron to bonariensis

0900 crew broke for break

1110 discovered NUWO nest (away from work area)

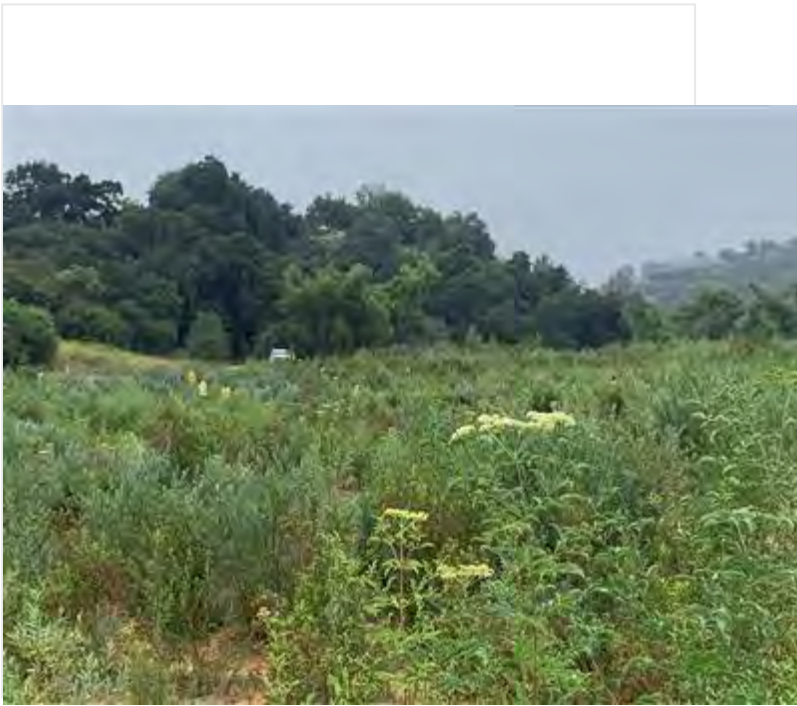
1125 observed Coastal Whiptail

1135 found some clothing and a meth/crack pipe in wash near DG-1

1140 crew broke for lunch

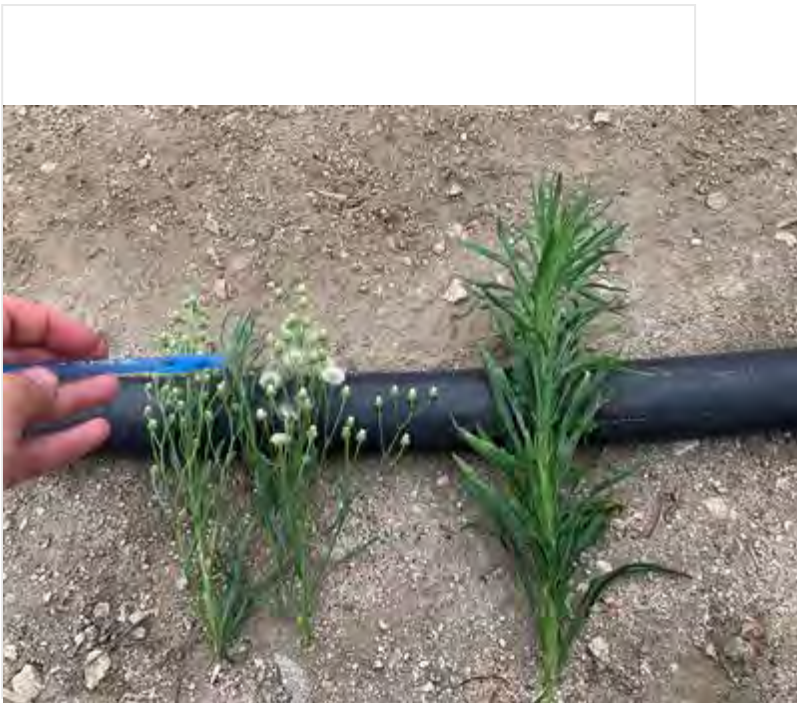
1145 discovered a HOWR nest on other side of the trail from DG-2

Photo 1



Crews_working_DG-W-1_facingS.jpg

Photo 2



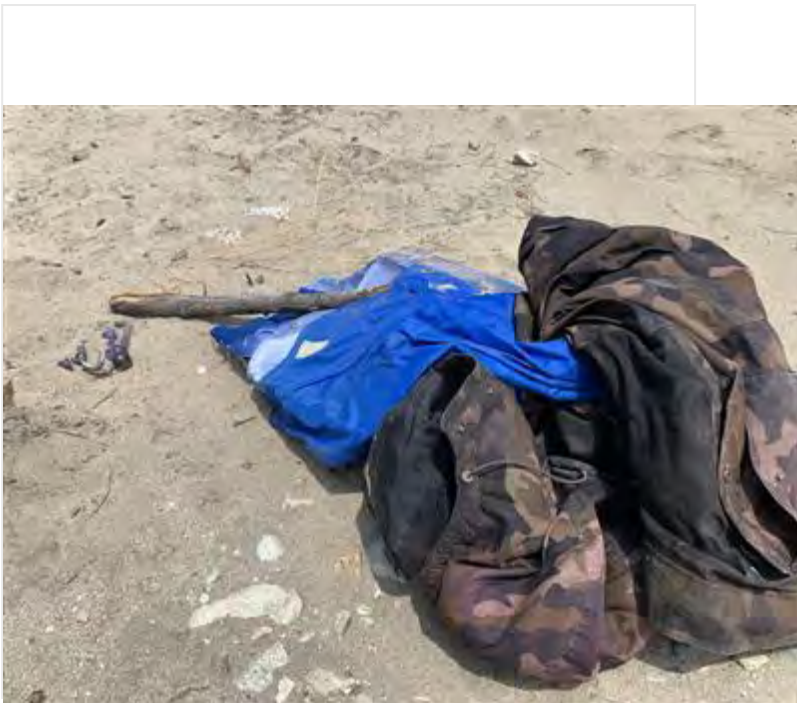
E_bonariensis_and_E_sp.jpg

Photo 3



ChenopodiumMustard_dominating_bank_facingN.jpg

Photo 4



Drug_paraphernalia_and_trash_washnearDG1.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:42

Ending Temperature (°F)

75

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

10

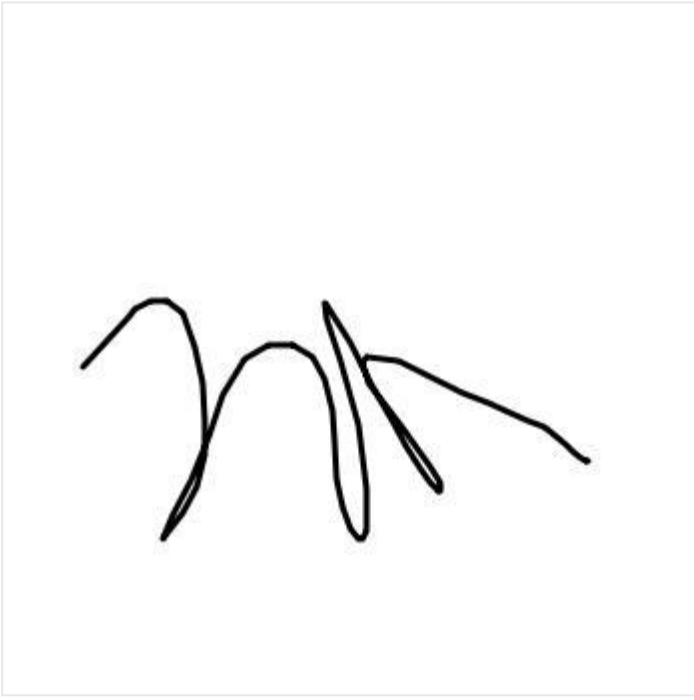
Additional Comments

The IDs of the erigeron species on site has largely been assumed during the weeding due to lack of inflorescences/ability to key. One of the erigeron species present, that I previously thought to be canadensis (native), I have keyed out to E. bonariensis (invasive) partly due to the seed heads exceeding 5mm in length and the distal branches overtopping the central stem. The other erigeron species present in large quantities particularly in and adjacent to the Johnson Field restoration area is not yet flowering, though its large size, leaf shape, and lack of distal growth leads me to believe it may be E. sumatrensis (invasive). This raises the question as to how much E. canadensis is even present on site, and suggests crews should be removing all erigerons suspected to be invasive.

The bank on the southern end of the site near DG-3B is in dire need of weeding. Hirshfeldia and Chenopodium make up almost the entire slope and are reaching a stage of maturity in which they will be producing seed soon, having negative implications for the surrounding areas. The area was recently hydroseeded; however, it is my opinion that removal of the mature invasive plants should take precedence over any attempt at germinating new natives. I communicated this opinion to Caesar.

Discovered a meth/crack pipe, two jackets, and some other misc items near the edge of DG1 in the wash. Returned with a trash bag and used my snake hook and tongs to safely put the items in the bag and dispose of them. No sign of the user; will keep a watchful eye for any individuals in the area in the future.

Signature



signature-20220603-222830.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 10, 2022, 7:22:41 PM

Date of Log

Jun 6, 2022

Monitor/Biologist

David Torfeh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

63

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image regular crew of 7 (Foreman Daniel Holmes) and crew of 6 from Hemet area (Foreman Lalo) weeding by hand in DG-4 and DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NRWS, MODO, RCPA, BUSH, BEWR, NUWO, YEWA, juvenile western toads, SPTO, SOSP, COYE, ALHU, CALT, LEGO, unidentified hairstreak butterfly (silvery underside, band of small black dots, red spot near "Tails" on hind wings), OATI, AMCR, PSFL, ANHU, HOFI, umber skipper, cabbage white, CLSW, MALL, mournful dusky wing, gulf fritillary, western fence lizard, lorquin's admiral, Mourning cloak, coastal whiptail, western tiger swallowtail, BLPH, CASJ, ATFL, Orange sulphur, DEJU, painted lady, desert cottontail, COHA.

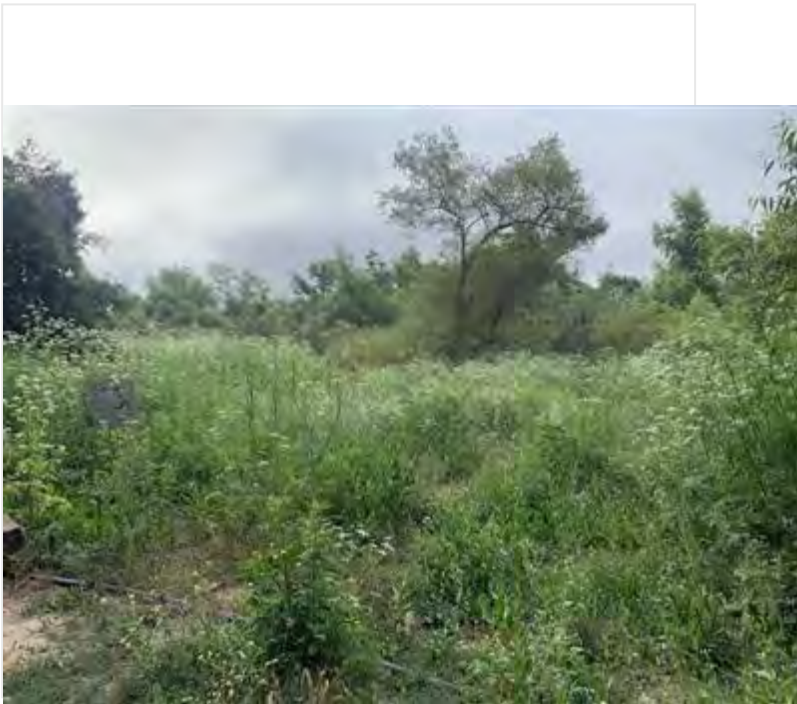
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed south end of DG-4 while crew set up. 0655: cleared crew to work and continued looking for nests. Crew was working at the far south end of DG-4 near the truck trail. Advised crew members that *Ambrosia acanthicarpa* is native. 0720: surveyed primrose area (DG-4A), where Lalo was planning to move his crew. No sensitive species or nests found. Area has very high poison hemlock, will continue to check for nests as they progressed north. Advised crew to avoid pulling *Oenothera hookeri* (possibly *boothii*) that doesn't have flowers yet. 0820: moved back to DG-4 site. Switched between both crews for the remainder of the day to sweep in front of them. 1355: crew began wrapping up pulling.

Photo 1



photo_1-20220610-pre_weeding_facingE.JPG

Photo 2



photo_2-20220610-post_weeding_facingE.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:00

Ending Temperature (°F)

86

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

This log was originally filled out on paper by David Torfeh and then transferred into Survey123 by Michael Walsh due to technical issues with using Survey123 in the field.

Signature

A handwritten signature in black ink, appearing to read "Michael Walsh", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220610-192157.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 6, 2022, 5:17:50 PM

Date of Log

Jun 6, 2022

Monitor/Biologist

Lela Updegrave

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

15

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO ACWO LEGO PHAI RTHA COHA MODO

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field, targeting mustard, marestail, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Johnson_field_crew_facingN.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, reading "John Updike". The signature is written in a cursive style with a large, prominent initial "J". The name is contained within a thin black rectangular border.

signature-20220606-210225.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 8, 2022, 10:06:04 AM

Date of Log

Jun 7, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 6 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: CAQU LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO ACWO LEGO PHAI RTHA COYE MODO KILL

Reptiles: Western fence lizard, side blotch lizard, gopher snake

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work in Johnson Field, targeting mustard, marestalk, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

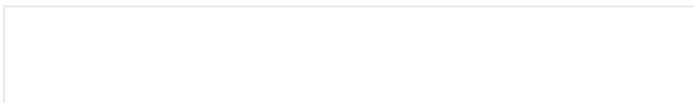
1100: Biologist finds CALT nest in DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Coastal_whiptail_Johnson_Field.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

82

Ending Wind Range (MPH)

0-3


Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail observed

Signature

A handwritten signature in black ink, appearing to read "L. V. ...", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal stroke at the end.

signature-20220607-200519.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 7, 2022, 2:15:10 PM

Date of Log

Jun 7, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

NI crew of 12 hand pulling weeds in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, OATI, NRWS, MODO, CAKI, ACWO, CAQU, CALT, CASJ, SPTO, NUWO, BHGR, HOFI, BEWR, HOWR, BGGN, BUSH, PSFL, SOSP, COYE, LEGO, YEWA, AMCR, CATH, KILL, COHA, MALL, BARS, CORA, SNEG, ANHU, AMRO, ALHU, PUF, western toad, western fence lizard, southern pacific rattlesnake, California chorus frog, coastal whiptail, common side blotched lizard, California ground squirrel, EUST,

Did You observe any Non-Compliance Issues?

No

Log Entry

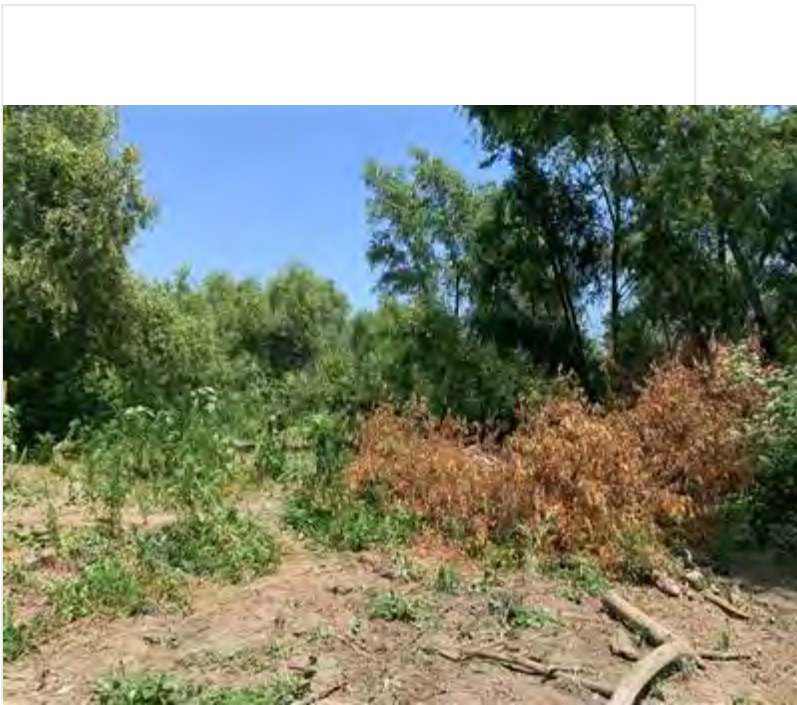
0630: surveyed work area for day. 0650: cleared crew to work in DG-4A (primrose). 2 small crews nearby were removing 6-ft tall Conium, Raphanus, mustard, and pepperweed. Numerous YEWA in treeline nearby. 0740: found COYE_02 nest in path of crew, roughly 150 feet East. Flagged off buffer and advised crew to avoid. 1000: surveyed for nests a few hundred feet S of crew under the treeline where there was a lot of YEWA activity. While there, updated several nests: SOSP-4, ANHU-5, ANHU-7, LEGO-4. 1030: found HOFI_02 nest. Added to collector and advised crew to avoid. 1050: found SPTO_04 nest. Added to collector and advised crew to avoid. 1400: crew wrapped up pulling while I inspected the site and took photos.

Photo 1



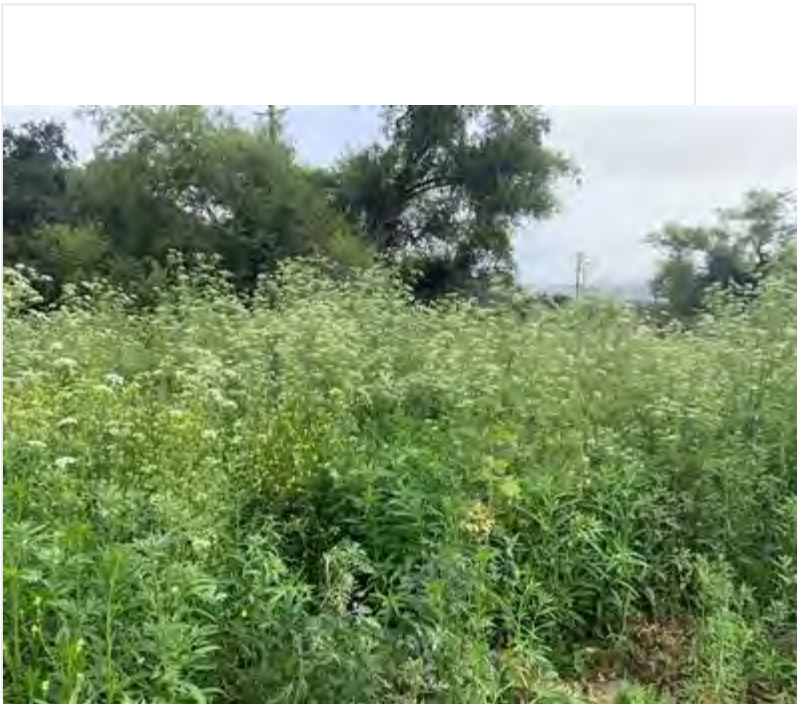
photo_1-20220607-pre_weeding_facingE.jpg

Photo 2



photo_2-20220607-post_weeding_facingE.jpg

Photo 3



photo_3-20220607-pre_weeding_facingN.jpg

Photo 4



photo_4-20220607-post_weeding_facingN.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

No

Log Completed?

Yes

Ending Time

14:12

Ending Temperature (°F)

84

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "M. J. [unclear]", written in a cursive style within a rectangular box.

signature-20220607-140712.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 8, 2022, 3:57:28 PM

Date of Log

Jun 8, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

90

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 8 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO ACWO LEGO PHAI
KILL RTHA COYE MODO**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail rabbit

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on the western side slopes, targeting mustard, lambs quarters, marestail, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_sideslopeW_facingNE.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

87

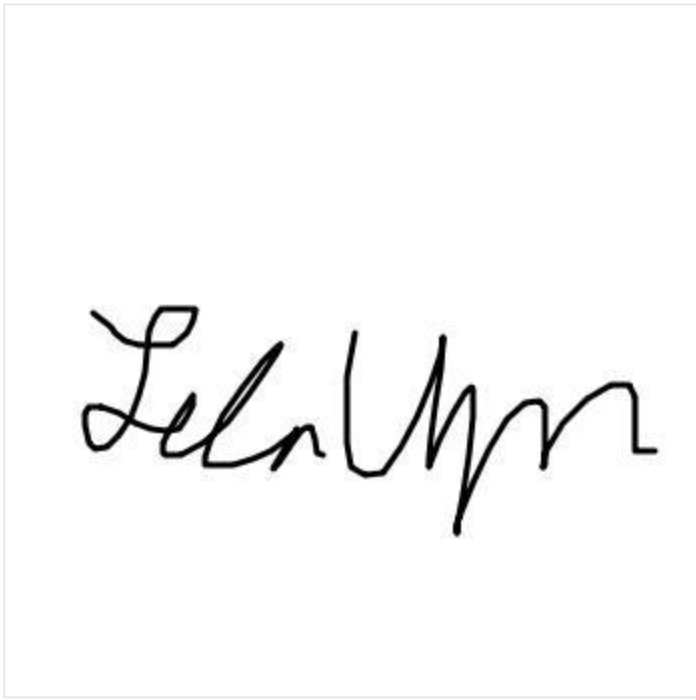
Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela Lynn", is centered within a white rectangular box. The signature is written in a cursive style with a loop at the end.

signature-20220608-200628.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 8, 2022, 4:20:49 PM

Date of Log

Jun 8, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

NI crew of 7 weeding in DG-4A with hand tools

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

RCPA, CATH, SPTO, AMCR, LEGO, BEWR, CALT, OCWA, YEWA, HOFI, COYE, PSFL, ANHU, SOSP, KILL, KILL, MALL, BARS, CLSW, AMCO, CAKI, BUSH, BLPH, MODO, NUWO, GREG, GBHE, ACWO, western toad, coastal whiptail, California ground squirrel, western fence lizard.

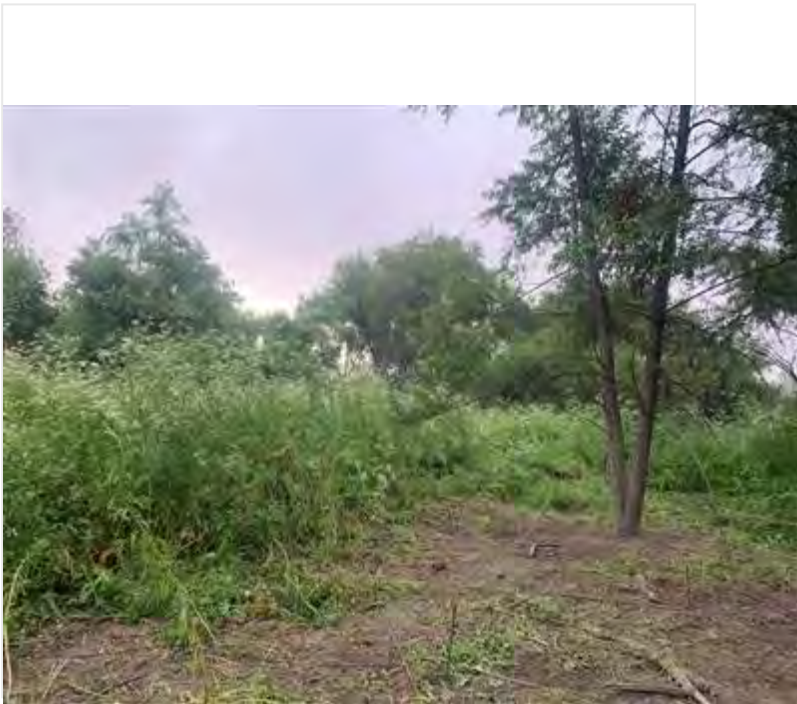
Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area, DG-4A (primrose). Lots of YEWA behind nearby treeline, all in previously recorded territories. 0650: monitored weeding in DG-4A. Area was overgrown with poison hemlock and Rumex, with stakes in between and scattered Erigeron canadensis that the crew was instructed to leave behind. Crew progressed east through the field they were in up to the COYE 2 buffer. 1300: crew began wrapping up while I took the bi-weekly photo points.

Photo 1



photo_1-20220608-pre_weeding_facingE.jpg

Photo 2



photo_2-20220608-post_weeding_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

84

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. M. A. K. A.", is centered within a white rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220608-161918.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 10, 2022, 6:52:15 AM

Date of Log

Jun 9, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

63

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 6 hand pulling vegetation.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CATO, CASC, CAQU, NOMO, BEWR, COHA, REHA, CATH, SOSP, HOFI, LEGO, EUST, AMRO, ACWO, NUWO, SPTO, western toad.

Did You observe any Non-Compliance Issues?

No

Log Entry

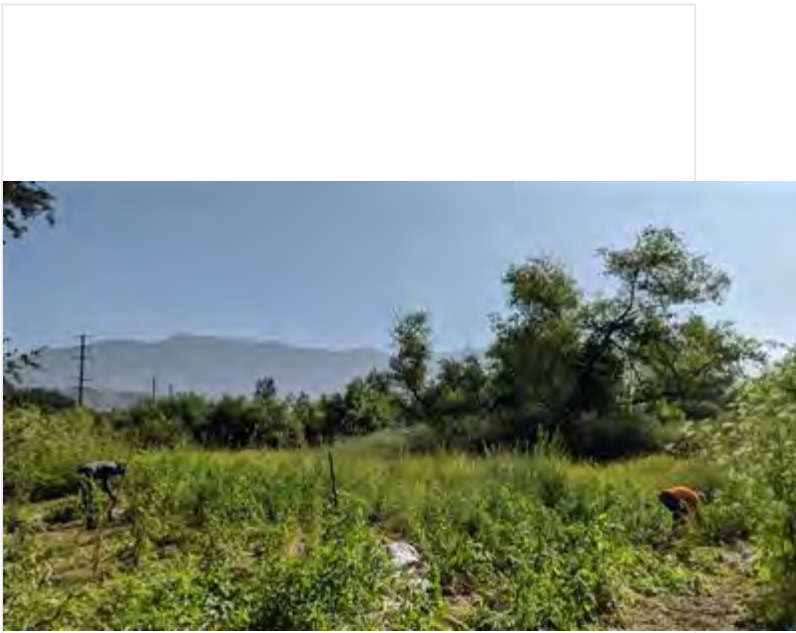
0630: surveyed work area for nests and sensitive species. 0700 monitored vegetation removal in DG4A primrose area. crew progressed north, targeting poison hemlock, mustard, and wild radish. 1400 crew stopped pulling and began cleanup.

Photo 1



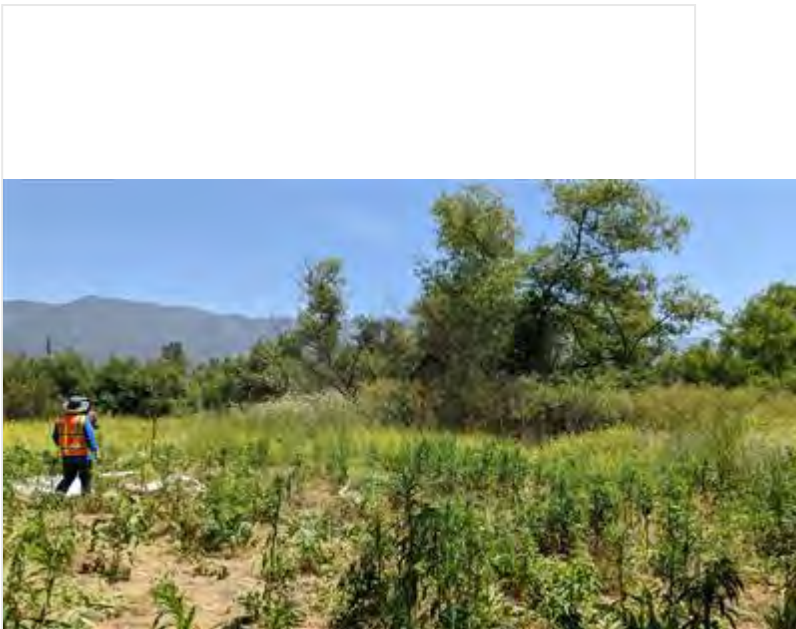
Veg_Removal_before_facingE_1-20220609-143959.jpg

Photo 2



Veg_Removal_during_facingE_2-20220609-155600.jpg

Photo 3



Veg_Removal_during_facingE_photo_3-20220609-184206.jpg

Photo 4



VegRemoval_after_facingE_4-20220609-210955.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

02:00

Ending Temperature (°F)

89

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

15

Additional Comments

N/A

Signature



signature-20220610-135109.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 10, 2022, 10:45:37 AM

Date of Log

Jun 9, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

95

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU NUWO SPTO KILL RTHA COYE
MODO MALL BARS NRWS**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad, tree frog

Mammals: California ground squirrel, cottontail rabbit

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on the western side slopes, targeting mustard, lambs quarters, marestail, star thistle, pepperweed and poison hemlock.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_sideslopeW_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

85

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in cursive script, appearing to read "John Y. [unclear]". The signature is written in black ink on a white background within a rectangular frame.

signature-20220609-200039.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 11, 2022, 4:35:30 PM

Date of Log

Jun 10, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

67

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 5 doing vegetation clearing in DG4A primrose area.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

OATI, CATO, CATH, AMCR, ACWO, LEGO, AMRO.

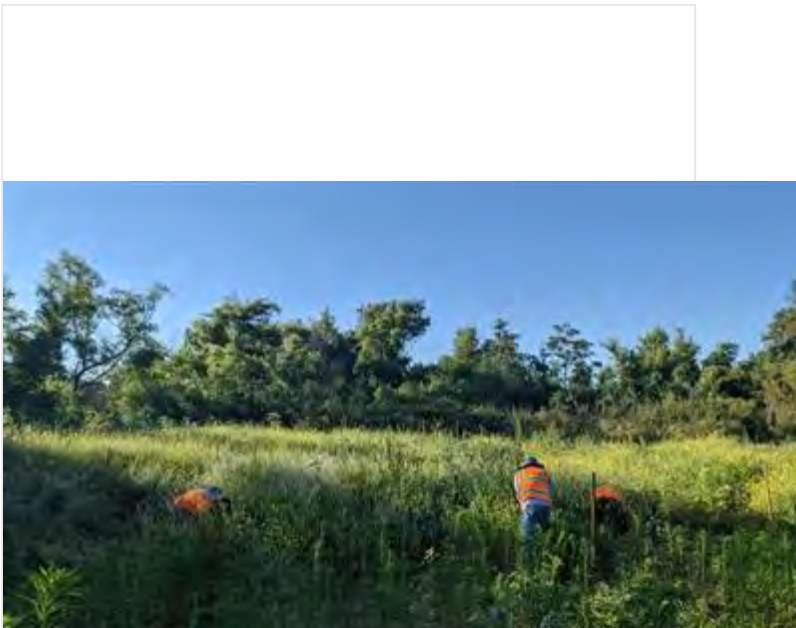
Did You observe any Non-Compliance Issues?

No

Log Entry

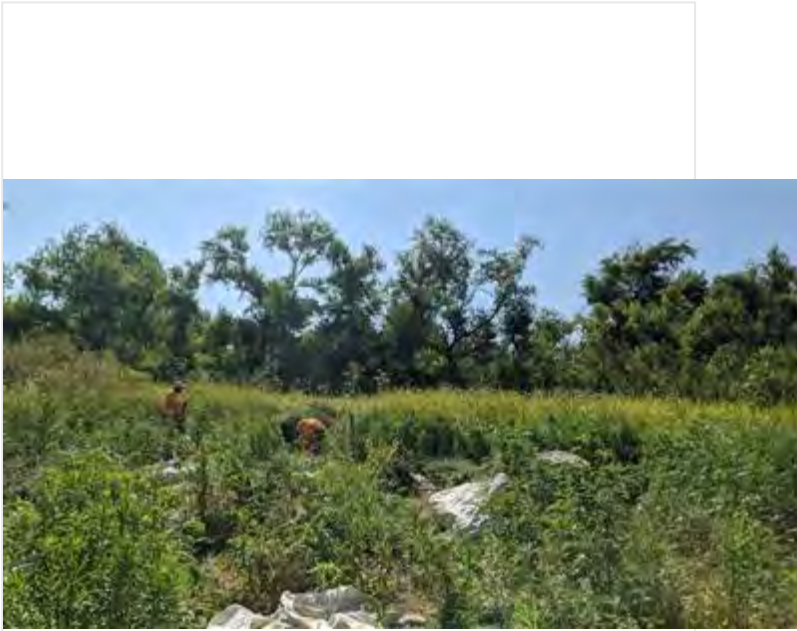
0630: surveyed work area while crew set up. 0700 monitored vegetation removal. crew continued north in primrose field targeting poison hemlock and mustard. 1330 the crew stopped pulling and began cleanup.

Photo 1



VegRemoval_before_facingS_1-20220610-141617.jpg

Photo 2



VegRemoval_during_facingS_2-20220610-162451.jpg

Photo 3



VegRemoval_during_facingS_3-20220610-190645.jpg

Photo 4



VegRemoval_after_facingS_4-20220610-193013.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

90

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'A. K. M.', enclosed in a thin black rectangular border.

signature-20220611-233320.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 10, 2022, 3:12:35 PM

Date of Log

Jun 10, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

15

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ANHU NUWO SPTO KILL RTHA GREG MALL
BARS NRWS**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad, tree frog

Mammals: cottontail rabbit

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on the western side slopes, targeting mustard, lambs quarters, marestail and, pepperweed.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_sideslopesW_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

89

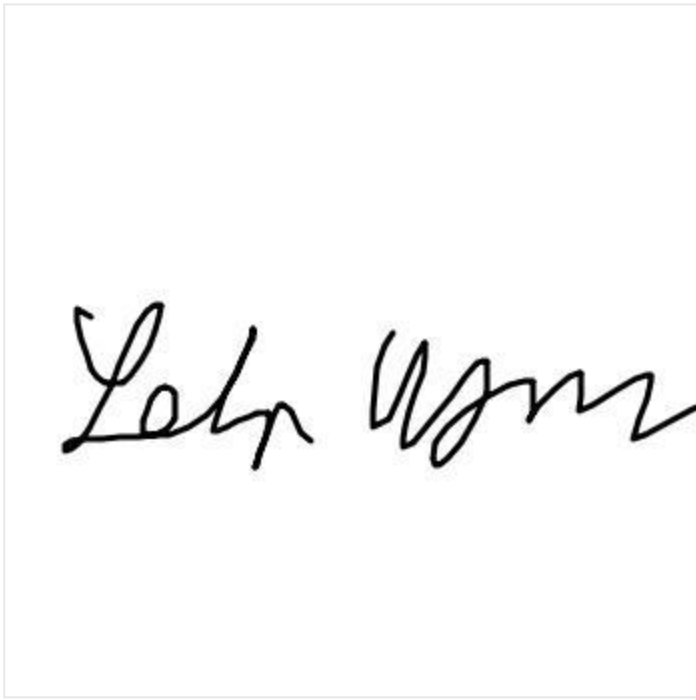
Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A rectangular box containing a handwritten signature in black ink. The signature is written in a cursive style and appears to read "John W. Smith".

signature-20220610-221223.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 14, 2022, 7:14:35 AM

Date of Log

Jun 13, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU NUWO SPTO KILL RTHA GBHE MALL
BARS NRWS BLPH**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: cottontail rabbit, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on the western side slopes, targeting mustard, lambs quarters, marestail and, pepperweed.

0830: KILL start displaying as if there is a nest in ther area. Biologist moves crew away from area.

0900: Crew takes a break.

0915: Crew returns to work.

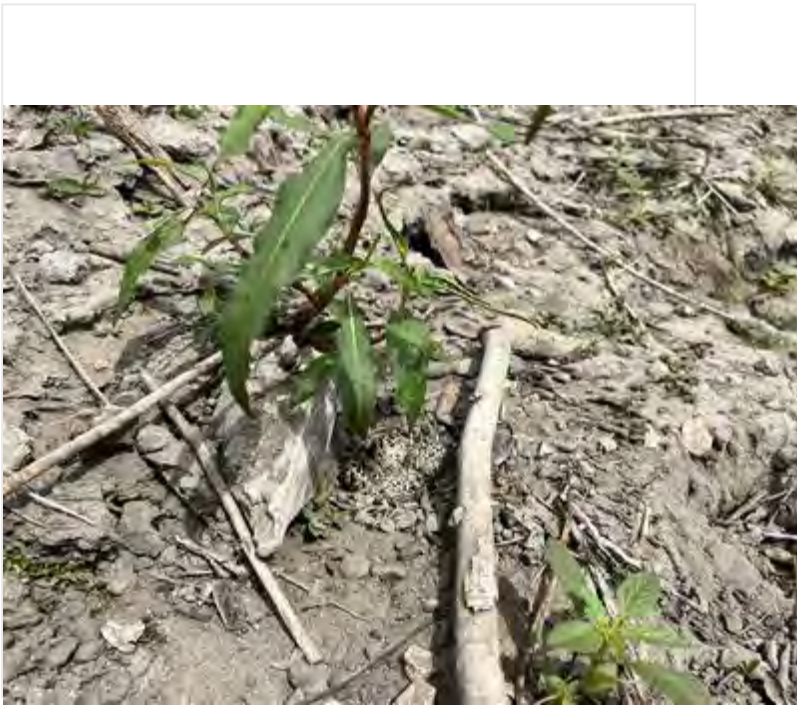
1030: Biologist finds KILL-03 nest.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



KILL-03_nest_sideslopeW.JPG

Photo 2



Coastal_whiptail_sideslopeW.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

79

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

75

Additional Comments

Coastal whiptail detected

Signature

A handwritten signature in black ink, appearing to read "L. A. Under", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal stroke at the end.

signature-20220613-204058.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 13, 2022, 3:14:22 PM

Date of Log

Jun 13, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

63

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 6 hand pulling weeds in DG-4A.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

ACWO, MODO, CAKI, RCPA, BUSH, HOFI, NRWS, CALT, SPTO, ALHU, CATH, SOSP, YEWA, LEGO, AMCR, MALL, HOWR, BGGN, WTSW, ATFL, CEDW, BEWR, southern pacific rattlesnake, desert cottontail, western toad, western fence lizard, coastal whiptail, common side blotched lizard, California ground squirrel, RTHA, PSFL, COHA, CORA.

Did You observe any Non-Compliance Issues?

No

Log Entry

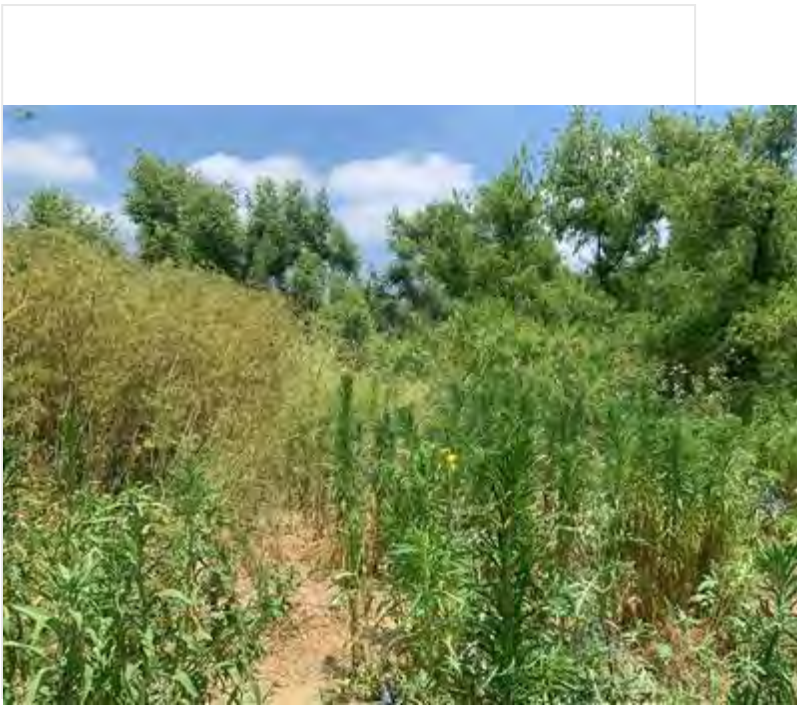
0630: surveyed work area (DG-4A), in the primrose field. Noted another new beehive in an irrigation box. 0650: monitored weeding in aforementioned area. Crew began day in open areas of field, targeting poison hemlock, mustard and Raphanus. 0930: updated nearby nests in DG-4 WOUS. 1000: resumed monitoring. 2 crew members assigned to run irrigation in WOUS area. 1130: crew moved to shaded edges of DG-4A. 1330: crew began wrapping up pulling while I inspected the site. Looked at basin slope- it appears that most of the western toads have dispersed.

Photo 1



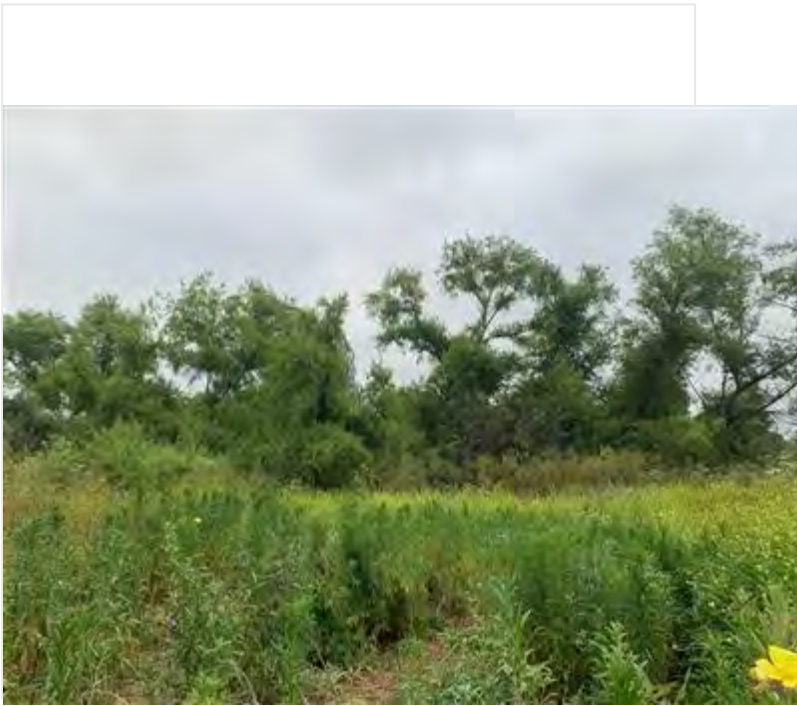
photo_1-pre_weeding_facingN.jpg

Photo 2



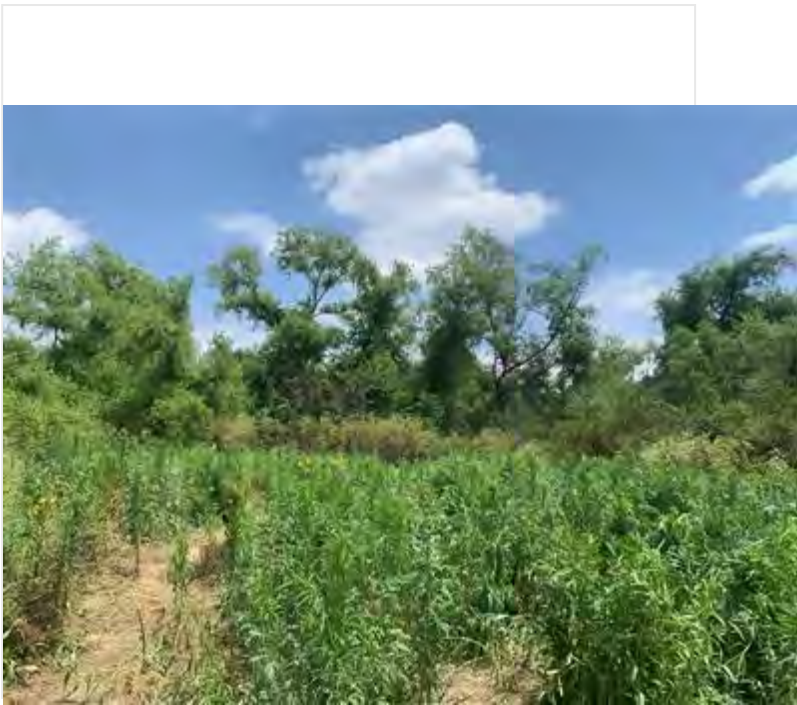
photo_2-20220613-post_weeding_facingN.jpg

Photo 3



photo_3-20220613-pre_weeding_facingE.jpg

Photo 4



photo_4-20220613-post_weeding_facingE.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:45

Ending Temperature (°F)

75

Ending Wind Range (MPH)

7-9


Ending Cloud Cover (%)

10

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "N. H. H.", is centered within a white rectangular box. The signature is stylized and somewhat illegible due to the cursive nature of the writing.

signature-20220613-151222.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 15, 2022, 10:54:53 AM

Date of Log

Jun 14, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU SPTO KILL RTHA GBHE MALL
BARS NRWS BLPH PBGR COHA**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: cottontail rabbit, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on the western side slopes, targeting mustard, lambs quarters, maretail and, pepperweed. Biologist designates a 30 ft buffer around KILL nest to avoid impacts.

0900: Crew finishes western side slopes. Crew takes a break.

0915: Crew returns to work in DG-2 and DG-2B, targeting pepperweed, mustard and poison hemlock.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Willow_dodder_removal_DG-2_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

81

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Lela Updegraff", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal flourish at the end.

signature-20220614-211454.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 14, 2022, 8:52:20 PM

Date of Log

Jun 14, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7 hand pulling weeds in DG-4A

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Yellow warbler**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, EUCD, SPTO, CAKI, LEGO, CALT, RCPA, DEJU, CASJ, HOFI, ACWO, OATI, BEWR, NRWS, MALL, BUSH TSW, KILL, YEWA, GRHE, BGGN, California ground squirrel, desert cottontail, western toad, western fence lizard, coastal whiptail.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area. 0645: cleared crew to work. monitored vegetation clearing in DG4A just south of DG-5 (primrose). Primary targets for the day were mustard and Chenopodium album. 0800: found an ACWO nest, cavity is just outside of restoration area. 1400: crew moved into NE area of primrose field to follow shade, continued pulling. 1500: crew wrapped up for the day after finishing most of the remaining DG-4A (primrose).

Photo 1



photo_1-20220614-pre_weeding_facingN.jpg

Photo 2



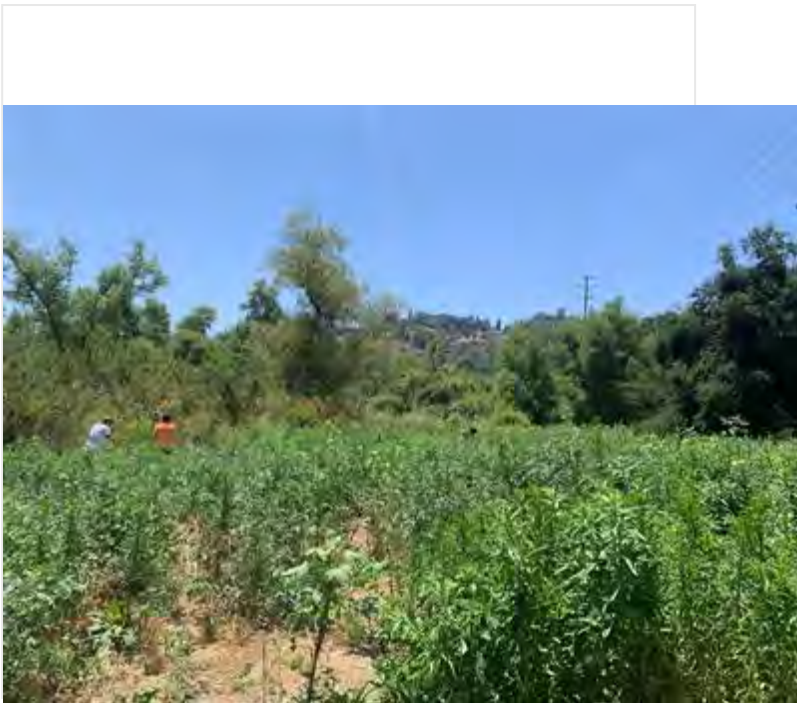
photo_2-20220614-post_weeding_facingN.jpg

Photo 3



photo_3-20220614-pre_weeding_facingS.jpg

Photo 4



photo_4-20220614-post_weeding_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:58

Ending Temperature (°F)

81

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'M. T. W. A. J.', is centered within a white rectangular box. The signature is stylized and somewhat cursive.

signature-20220614-205141.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 15, 2022, 4:32:20 PM

Date of Log

Jun 15, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Vegetation removal/weed abatement**
- 2. Hand tools**
- 3. Gothic crew of 11 + Ceasar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: Parakeet sp., Spotted Towhee, California Scrub Jay, American Crow, Northern Rough-winged Swallow, Lesser Goldfinch, Killdeer, Mallard, Song Sparrow, Black Phoebe, American Coot, Cliff Swallow, Common Raven, Pied-billed Grebe, California Thrasher, Annas Hummingbird, Bushtit, Acorn Woodpecker, Nuttalls Woodpecker, Allens Hummingbird, Lesser Goldfinch, House Finch, Red-tailed Hawk, Great Blue Heron, Great Egret, Bewicks Wren

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Southern Pacific Rattlesnake,

Mammals: Audubons Cottontail, Ground Squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0830 crew broke for break

0930 observed a Southern Pacific Rattlesnake curled on the trail running along the bank. Ushered it into the nearby vegetation so as to avoid anybody stepping on or near it

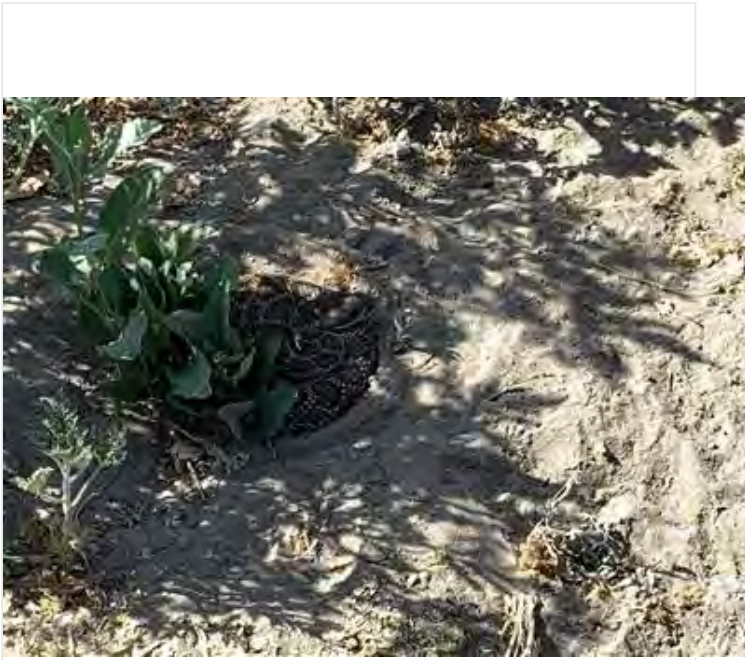
1145 crew broke for lunch

Photo 1



Crews_working_in_DG-2_facingNE.jpg

Photo 2



photo_2-20220615-163003.JPG



SP_Rattlesnake_on_bank_trail.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

90

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several loops and a final flourish, enclosed in a rectangular box.

signature-20220615-233053.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 19, 2022, 10:59:06 AM

Date of Log

Jun 15, 2022

Monitor/Biologist

Michael Walsh

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

61

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 7 hand pulling weeds in DG-4 and DG-4 WOUS

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CALT, MODO, RCPA, CAKI, NRWS, NOMO, BEWR, CASJ, CATH, CORA, WTSW, BUSH, HOFI, SPTO, GREG, BHGR.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0650: cleared crew to work in DG-4/DG-4 WOUS. Crew was weaving through the Salix/Bacharris woodland alliance removing 7-ft tall Conium maculatum. Crew began piling pulled veg on tarps as they went to avoid having a large cleanup effort at end of day. 1500: crew began wrapping up for day; left veg piles on tarps to be picked up later in the week. Can confirm that all seeds etc. were within the footprint of the tarps.

Photo 1



photo_1-20220615-pre_weeding_facingSE.jpg

Photo 2



photo_2-20220615-post_weeding_facingSE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

90

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be "D. H. [unclear]". The signature is contained within a rectangular box.

signature-20220619-105753.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 18, 2022, 11:35:15 AM

Date of Log

Jun 16, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

62

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 5 pulling vegetation in DG-4 WOUS. 2 crew members working on irrigation.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BUSH, WEKI, CASJ, CAQU, CALT, HOFI, BLPH, BEWR, ACWO, NRWS, MODO, OATI.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Surveyed work area while crew set up. 0700: monitored weeding in DG-4 WOUS. crew picked up where they had left off on Wednesday heading South through the area of Bacharris/Salix woodland alliance interspersed with Conium maculatum. 1415: crew began wrapping up while I inspected site/ picked up trash etc.

Photo 1



photo_1-20220616-after_weeding_facingS.jpg

Photo 2



VegRemoval_during_facingE_2-20220616-171240.jpg

Photo 3



VegRemoval_after_facingE_3-20220616-210125.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

89

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'A. H. M.', is written within a rectangular box. The signature is stylized and slanted to the right.

signature-20220618-183452.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 16, 2022, 4:25:14 PM

Date of Log

Jun 16, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA HOWR ALHU ANHU SPTO RTHA MALL BLPH PHAI
COHA**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: cottontail rabbit, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-2 targeting poison hemlock, pepperweed and mustard.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

84

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

Form keeps crashing when I try to upload photo.

Signature

A handwritten signature in black ink, appearing to read "L. A. W.", is centered within a white rectangular box. The signature is fluid and cursive, with a horizontal line extending to the right from the end of the word.

signature-20220616-232333.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 18, 2022, 11:42:38 AM

Date of Log

Jun 17, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

62

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 5 hand pulling weeds in DG-4 WOUS.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

BUOR, RTHA, COHA, AMRO, BUSH, CAQU, HOFI, SPTO, SOSP.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0645: monitored vegetation clearing. The area was not too dense with weeds so crew spread out and covered a large area. Primary targets included mustard and Conium maculatum. 1405: crew began wrapping up while I inspected site/picked up trash etc.

Photo 1



VegRem_before_facingS_1-20220617-135129.jpg

Photo 2



VegRem_after_facingS_2-20220617-164509.jpg

Photo 3



VegRem_during_facingE_3-20220617-164559.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

74

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'A. [unclear]', is centered within a white rectangular box. The signature is written in a cursive style with a prominent vertical stroke on the left.

signature-20220618-184223.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 20, 2022, 7:00:51 AM

Date of Log

Jun 17, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

54

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA ALHU ANHU SPTO RTHA MALL BLPH PHAI MODO
ACWO KILL LEGO**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: cottontail rabbit, California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-2 targeting poison hemlock, pepperweed and mustard.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Johnson_field_facingS.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

74

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink on a white background. The signature is written in a cursive style and appears to read "Lela Yeh". The letters are connected and fluid, with a long, sweeping tail on the final letter.

signature-20220617-202129.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 21, 2022, 7:04:25 AM

Date of Log

Jun 20, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

65

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4 WOUS & DG-4

Hand tools (shovels, tarps)

Four crew members includes: Nature's Image main crew, temp crew.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, BHGR, SOSP, BEWR, CATH, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, WTSW, LEGO, ANHU, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, BLGR, WREN, BHGR, COYE, western toad (over 30 juveniles), rattlesnake, coyote(chased by dog off leash)

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

6:45: bio conducted precon survey in area identified to work by crew lead (Oscar). No nests obs. CATH and CASC fledglings begging and being fed by their respective adults. So says that a couple nests in this range were successful.

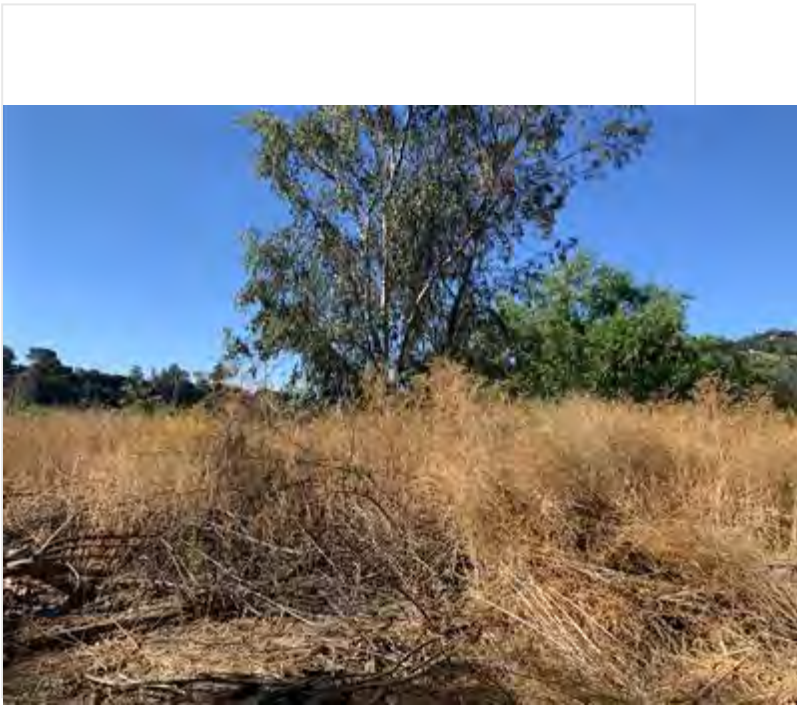
900: Large rattlesnake obs by crew under a big pile of sticks/woodrat house. The snake's presence did not appear to interfere with the restoration work, so the bio monitored it closely and left it alone.

930: many large whiptail lizards moving throughout the site as well as numerous juvenile western roads. All avoided by crew.

1200: the crew notified bio that they plan to move to a different more shaded location to work, since the day was heating up. Bio conducted a precon survey in this new location.

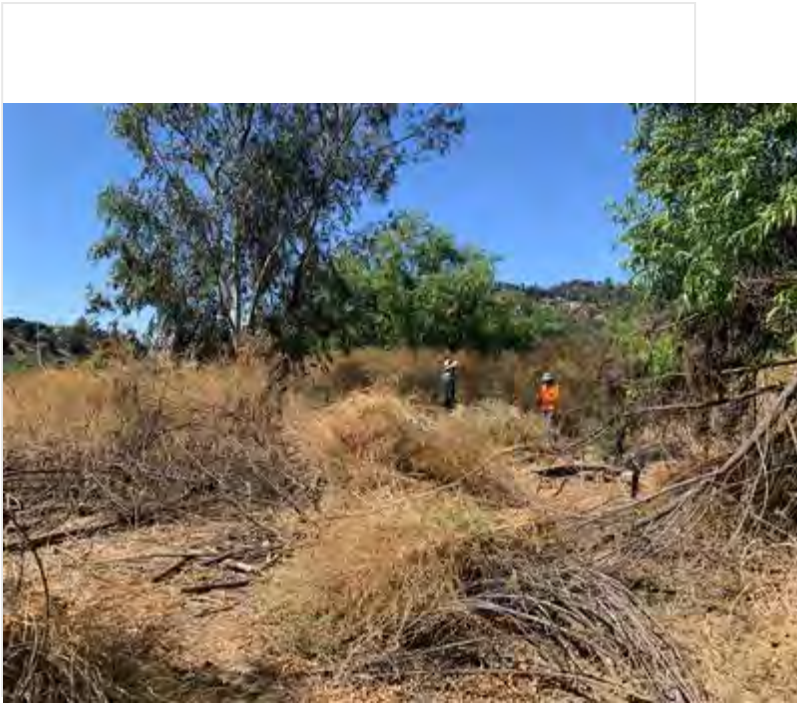
1430-1500: crew stopped pulling non-natives and tarped and cleaned up site. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



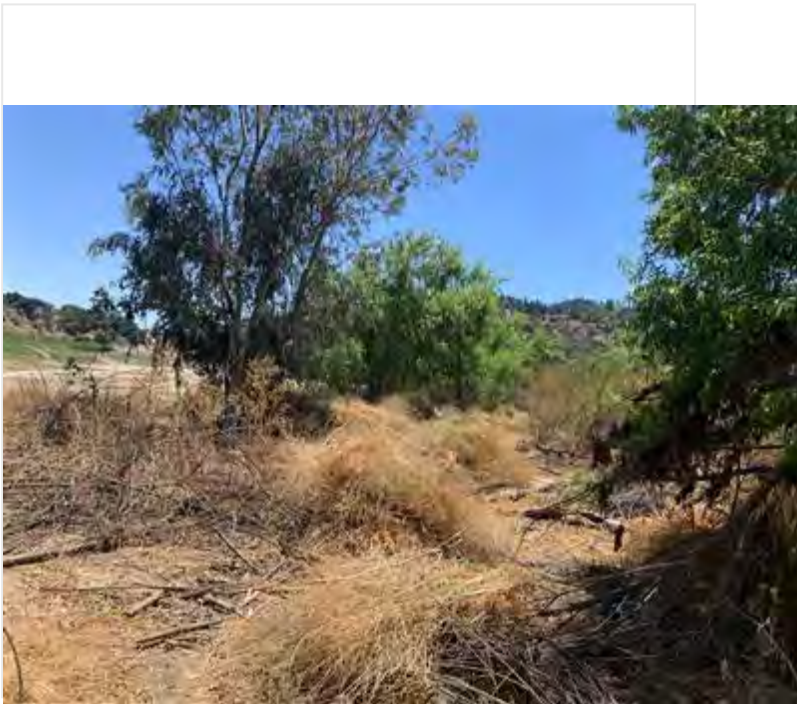
VegClear_before_facingS.jpg

Photo 2



Veg_during_facingS.jpg

Photo 3



Removed_Veg_piles_after_facingS.jpg

Photo 4



Single_pile_during_facing NW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

95

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "Anthony [unclear]", enclosed within a thin black rectangular border.

signature-20220620-210144.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 20, 2022, 7:56:24 PM

Date of Log

Jun 20, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

59

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 9 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA ALHU ANHU SPTO COHA RTHA MALL BLPH PHAI
MODO ACWO NUWO KILL LEGO**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-2 targeting poison hemlock, pepperweed and mustard.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



Crew_DG-2-facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

94


Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink on a white background. The signature is written in a cursive, flowing script. The first part of the signature is 'LeLa', followed by 'Verheyen'. The 'V' is particularly large and stylized, with a long, sweeping tail that extends to the right. The overall appearance is that of a personal, handwritten signature.

signature-20220620-204215.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 21, 2022, 2:29:50 PM

Date of Log

Jun 21, 2022

Monitor/Biologist

Amy Plesetz

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

65

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Veg clearing in DG-4 WOUS & DG-4

Hand tools (shovels, tarps)

Four crew members includes: Nature's Image main crew, temp crew.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

CASJ, OATI, RTHA, ACWO, COHA, BHGR, SOSP, BEWR, CATH, RCPA, CALT, MODO, CORA, BUSH, SPTO, YRWA, WCSP, AMCR, HOFI, WTSW, LEGO, CLSW, ANHU, NOFL, CAQU, NUWO, ECDO, ALHU, TUVU, WREN, BHGR, COYE, western toad (over 30 juveniles), coyote(adults and possibly pups!)

Did You observe any Non-Compliance Issues?

No

Log Entry

6:30-6:45 bio and crew arrived onsite for tailboard with foreman Daniel.

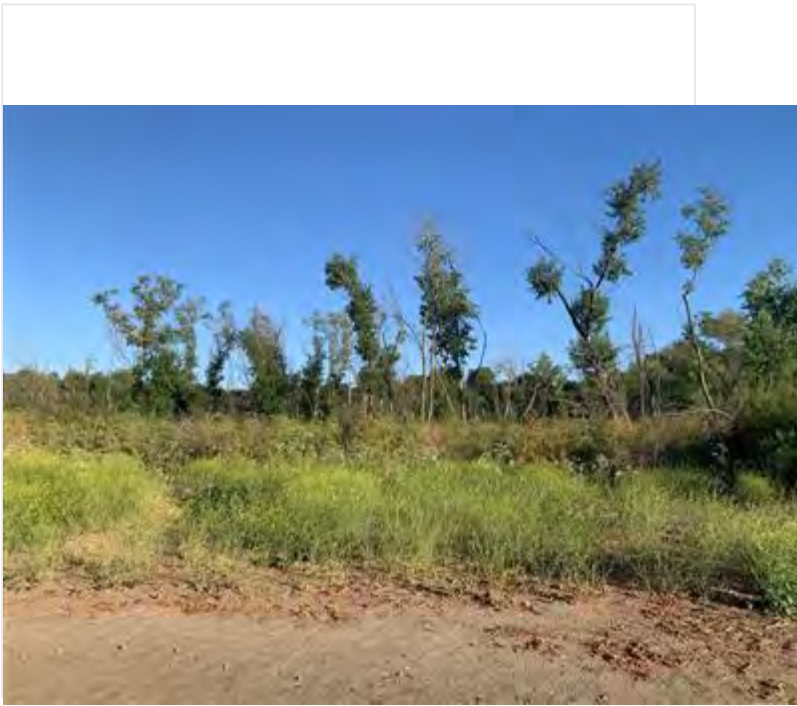
6:45: bio conducted precon survey in area identified to work by crew lead (Oscar). No nests obs. A group of coyotes singing nearby, potentially pups as well! Notified crew that site was cleared. Majority of the veg was dead hemlock and mustard. Biomass remains, which would be good for mulch since most has set seed already?

930: many large whiptail lizards moving throughout the site as well as numerous juvenile western roads.

1000: bio asked the crew where they plan to move when the weather heats up later in day. Bio conducted a precon survey in this new shaded location. Similar plants to be removed in this location as well. No nests observed here. CALT fledgling being fed by adult.

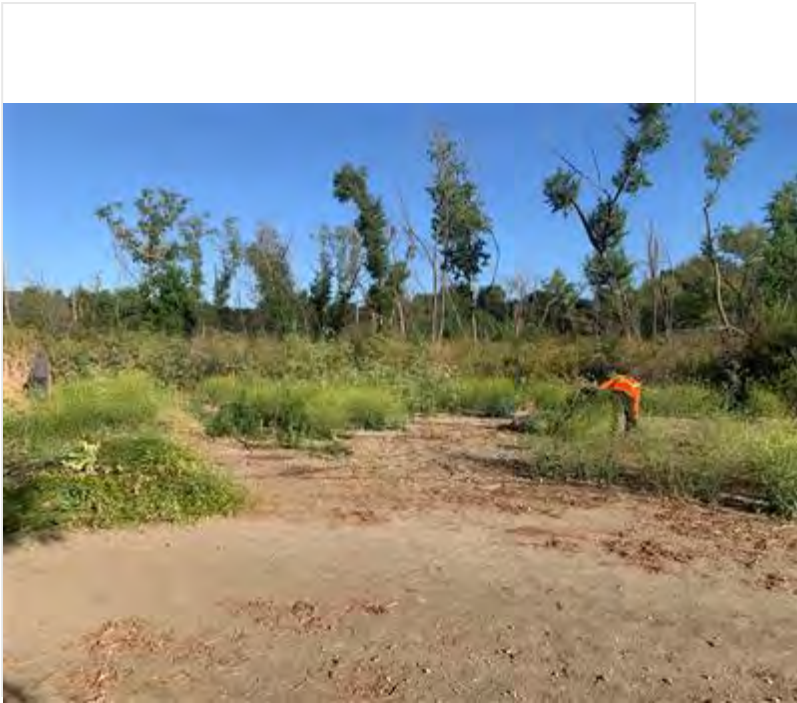
1430-1500: crew stopped pulling non-natives and tarped and cleaned up site. Full tarps were left onsite to be picked up tomorrow. Biologist checked to make sure trash was removed, completed report, and left site.

Photo 1



Veg_before_facingW.jpg

Photo 2



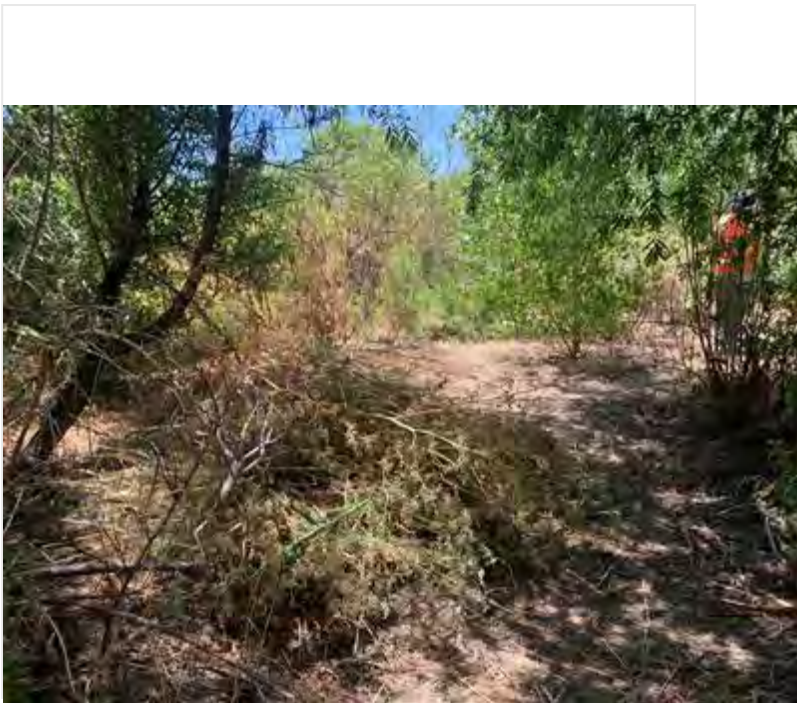
Veg_during_facingW.jpg

Photo 3



Veg_after_facingW.jpg

Photo 4



New_loc_with_veg_pile_during_facingSW.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

88

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "August 1924", enclosed in a thin black rectangular border. The signature is written in a cursive style with some straight lines for the numbers.

signature-20220621-194635.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 21, 2022, 10:25:45 PM

Date of Log

Jun 21, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA ALHU SPTO COHA RTHA BLPH PHAI MODO ACWO
KILL LEGO CAQU**

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work on DG-2 targeting poison hemlock, pepperweed and mustard.

0800: Half the crew works in Johnson Field.

0900: Crew takes a break.

0915: Crew returns to work in DG-2 and Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

90

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Signature

A handwritten signature in black ink, appearing to read "L. H. Yarn", is centered within a white rectangular box. The signature is written in a cursive style with a long horizontal flourish at the end.

signature-20220621-205803.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 24, 2022, 11:01:03 AM

Date of Log

Jun 22, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

69

Starting Wind Range (MPH)

4-6

Starting Cloud Cover (%)

80

Construction Activity and Personnel

Natures image crew of 6 hand pulling weeds in DG-4.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, WEKI, ACWO, BUTI

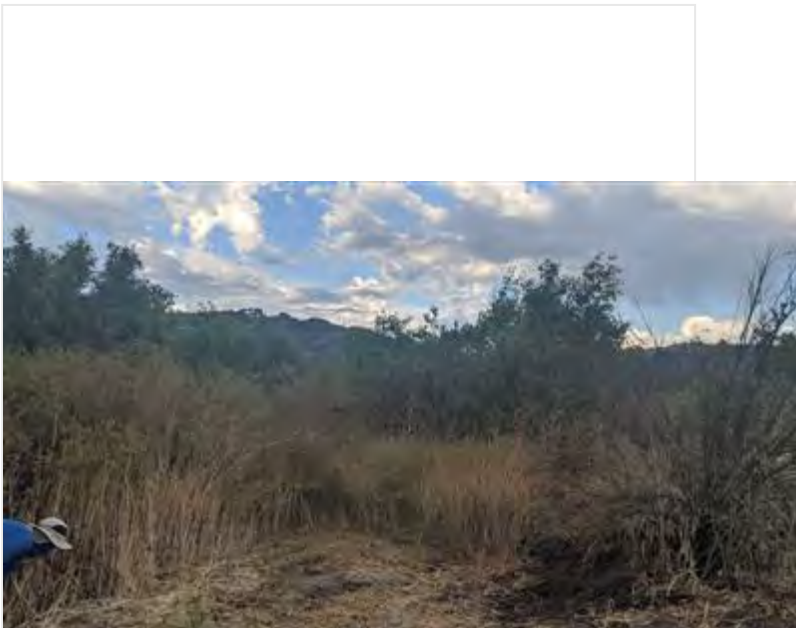
Did You observe any Non-Compliance Issues?

No

Log Entry

0645 monitored vegetation clearing. 0745 stopped work due to rain and lightning. 0830 rain and lightning picked up with lightning directly overhead so crew was sent home for the day. No after photo taken due lighting.

Photo 1



VegRem_before_facingW.jpg

Photo 2



photo_2-20220622-pre_weeding_facingN.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

09:30

Ending Temperature (°F)

70

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

100

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "A. K. A.", enclosed within a thin black rectangular border. The signature is stylized with a large initial 'A' and a circular flourish at the end.

signature-20220624-180041.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 22, 2022, 6:08:40 PM

Date of Log

Jun 22, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

50

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement and basin clearing/deepening**
- 2. Hand tools; 10+ hoes and other tools**
- 3. Gothic crew of 12 + Caesar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

Yes

Covered Species Observed

- **Loggerhead shrike**

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: Bewick's Wren, Lesser Goldfinch, Mourning Dove, Loggerhead Shrike, Northern Rough-winged Swallow, Killdeer, Black Phoebe, California Towhee, House Finch, American Crow, Parakeet sp., Mallard, California Scrub Jay, Song Sparrow, Acorn Woodpecker, Spotted Towhee, Nuttall's Woodpecker, Phainopepla, Anna's Hummingbird, Allen's Hummingbird, Common Raven

Mammals: Ground Squirrel, Audubon's Cottontail

Herps: Western Fence Lizard, Western Toad, Southern Alligator Lizard, Side-blotched Lizard, Coastal Whiptail

Did You observe any Non-Compliance Issues?

No

Log Entry

0745 Started pouring on-and-off

0818 COHA observed flying overhead

0830 Crew went on break to avoid the rain

0930 Weather started to clear and normal work was able to be resumed

1015 light rain started to resume and lasted approximately 15 minutes

1135 crew broke for lunch

1140 observed a Loggerhead Shrike perched in the middle of the wash

1338 observed a Coastal Whiptail basking along the footpath in DG-2 WOUS

Photo 1



photo_1-20220622-180643.JPG



Loggerhead_Shrike_facingW.JPG

Photo 2



Crews_working_throughoutDG2_to_improve_basins_facingS.j...

Photo 3



Basin_cleared_and_improved.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

88

Ending Wind Range (MPH)

4-6

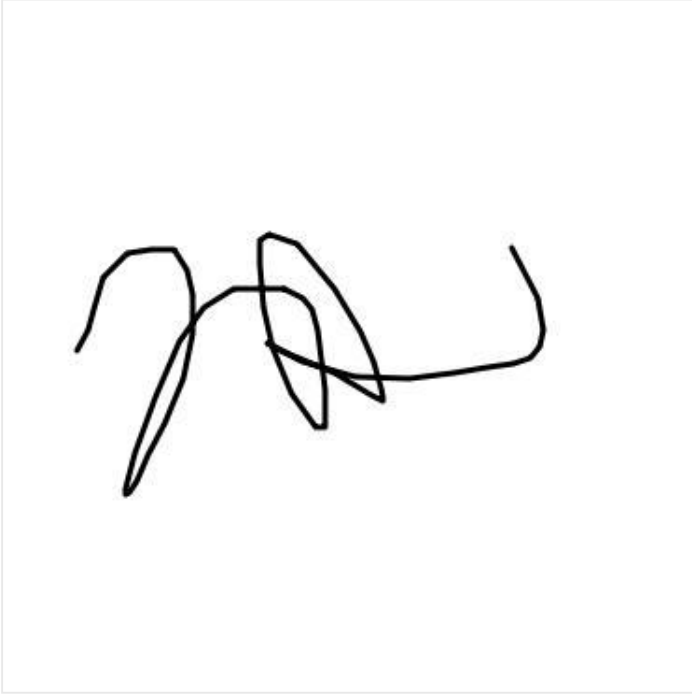
Ending Cloud Cover (%)

50

Additional Comments

Early on in the day, the weather was volatile with dramatic shifts in wind and bursts of rain. During this time the crew repeatedly took shelter under the trees from bouts of rain. Only a small amount of work was performed during this time. As the weather cleared around 0930, work was able to be resumed as normal.

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke extending to the right.

signature-20220623-010751.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 24, 2022, 5:27:37 PM

Date of Log

Jun 23, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

70

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 7 hand pulling vegetation in DG-4A and DG-4 mining pit.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO, SPTO, BUTI, BUOR, ACWO.

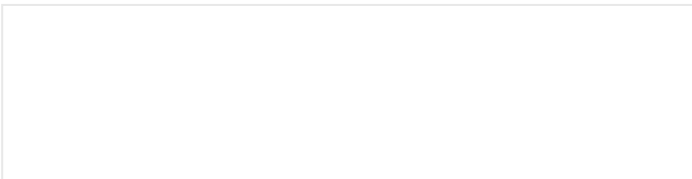
Did You observe any Non-Compliance Issues?

No

Log Entry

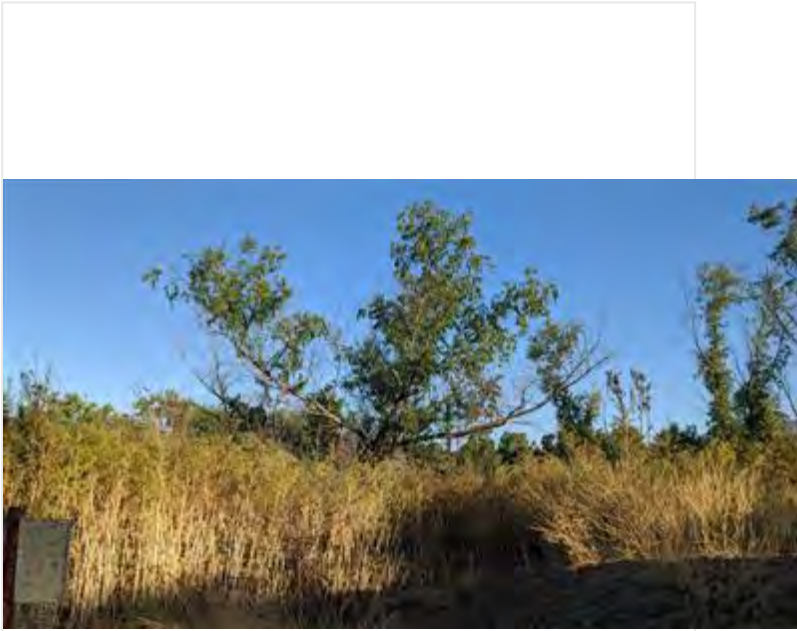
0630: surveyed work area while crew set up. 0645 crew picked up where they left off yesterday in DG-4 pulling in multiple spots in the area. 1400 crew moved north a bit to DG-4 mining pit to finish off the day.

Photo 1



VegRem_before_facing_E.jpg

Photo 2



photo_2-20220623-vegrem_after_facingE.jpg

Photo 3



photo_3-20220623-pre_weeding_facingE.jpg

Photo 4



photo_4-20220623-_weeding_facingE.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:40

Ending Temperature (°F)

91

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'A. M.', enclosed in a thin black rectangular border. The signature is stylized with a large initial 'A' and a series of loops and a long horizontal stroke.

signature-20220625-002720.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 23, 2022, 9:28:00 PM

Date of Log

Jun 23, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

66

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI AMCR CORA ALHU SPTO COHA RTHA BLPH PHAI MODO ACWO
KILL LEGO CAQU BNST AMCO**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Half the crew begins work on DG-2 targeting poison hemlock, pepperweed and mustard and the other half works in Johnson Field.

0900: Crew takes a break.

0915: Crew returns to work in DG-2 and Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1245: Half the crew starts working on eastern sideslope.

1500: Crew stops work for the day.

Photo 1



SideslopeE_crew_facingNW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

92

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail seen.

Signature

A handwritten signature in black ink, appearing to read "John W. ...", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "J" and a long, sweeping tail.

signature-20220623-210402.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 24, 2022, 5:26:44 PM

Date of Log

Jun 24, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

68

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Natures image crew of 7 hand pulling and weed whacking mustard in the upland coastal scrub (DG-4A).

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

COHA, BUOR, CASC, CATH, MODO, ACWO, NOMO.

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: surveyed work area while crew set up. 0700 monitored vegetation clearing of mostly mustard. Crew hand pulled until 0900 and then 3 members switched to weed wacking to remove mustard plants. This work continued until the end of the day.

Photo 1



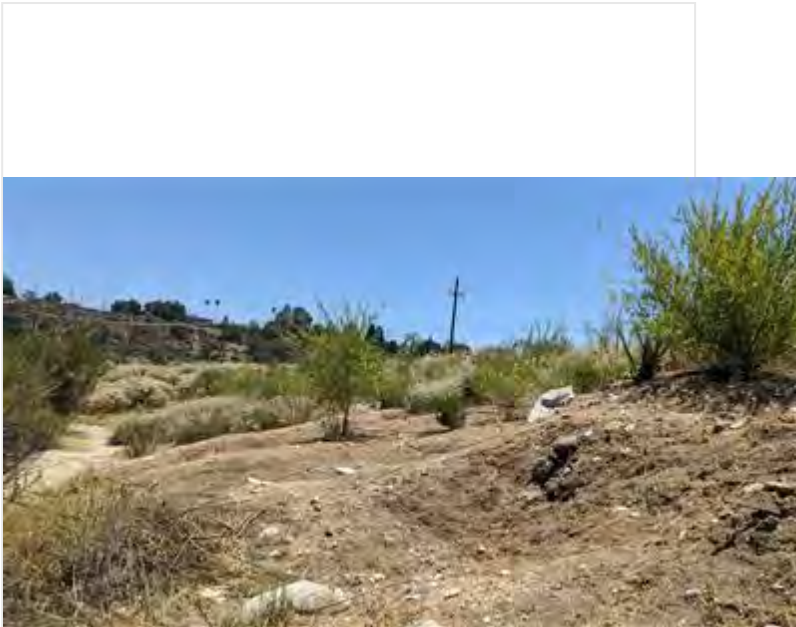
VegRem_Before_facingS.jpg

Photo 2



VegRem_during_facingS.jpg

Photo 3



VegRem_after_facingS.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:20

Ending Temperature (°F)

91

Ending Wind Range (MPH)

10-12

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of a large capital letter 'A' followed by a stylized, cursive-like flourish that loops around and ends in a horizontal stroke.

signature-20220625-002627.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 24, 2022, 5:23:34 PM

Date of Log

Jun 24, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

66

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement**
- 2. Primarily hand pulling, some areas hand tools (hoes) were used**
- 3. Gothic crew of 10 + Cesar Olmos + Scott**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: Black-necked Stilt, Northern Rough-winged Swallow, Mallard, Parakeet sp., Pied-billed Grebe, Double-crested Cormorant, Black Phoebe, Song Sparrow, California Scrub Jay, Nuttall's Woodpecker, California Towhee, Allen's Hummingbird, House Finch, Spotted Towhee, Acorn Woodpecker, White-throated Swift, Bewick's Wren, Dark-eyed Junco, Anna's Hummingbird, Cassin's Kingbird, Mourning Dove, Northern Mockingbird, Lesser Goldfinch, Copper's Hawk, Great Blue Heron, Black-headed Grosbeak

Mammals: Audubon's Cottontail, Ground Squirrel, Fox Squirrel

Herps: Western Toad, Western Fence Lizard, Coastal Whiptail, Side-blotched Lizard

Did You observe any Non-Compliance Issues?

No

Log Entry

0720 observed a YEWA vocalizing in the baccharis grove along the southern end of the bank

0800 walked over to the western portion of the site

0845 observed numerous Coastal Whiptails in the sage scrub habitat of DG-4

0930 crew broke for break

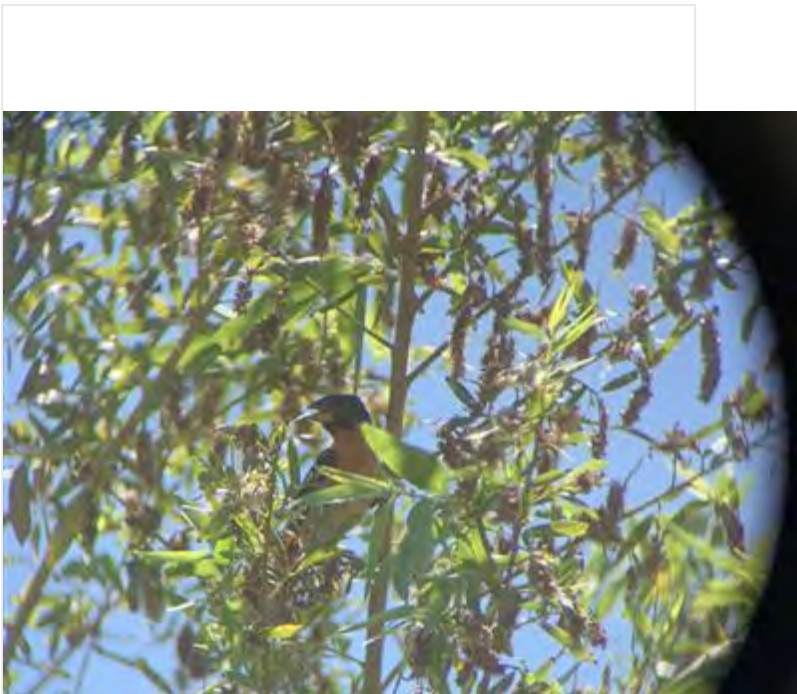
0940 observed a COHA foraging/perched in a eucalyptus near DG-1

Photo 1



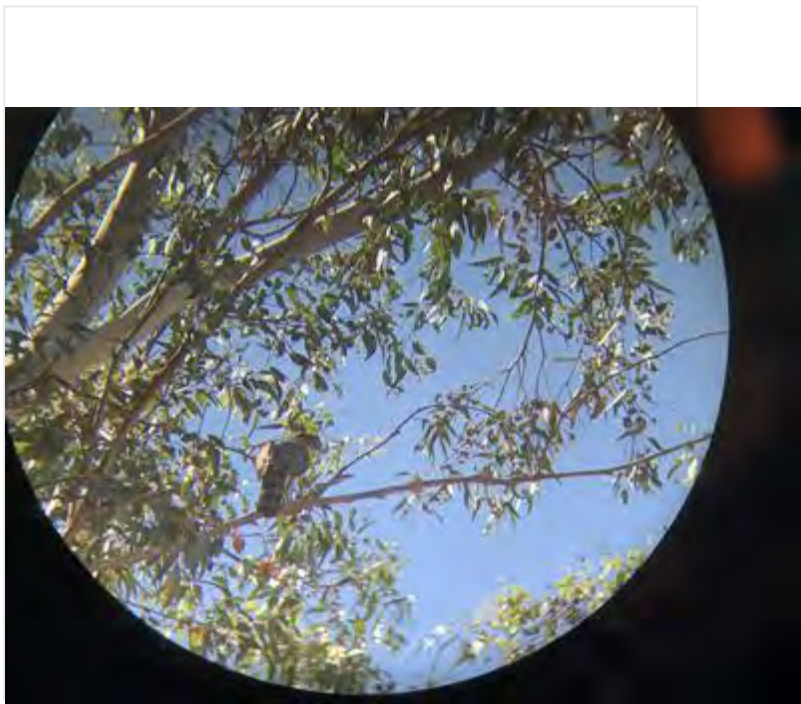
Crew_weeding_along_bank_facingN.jpg

Photo 3



Black-headed_Grosbeak_singing.JPG

Photo 4



Coopers_Hawk_perched_eucalyptus.JPG

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:30

Ending Temperature (°F)

91

Ending Wind Range (MPH)

4-6

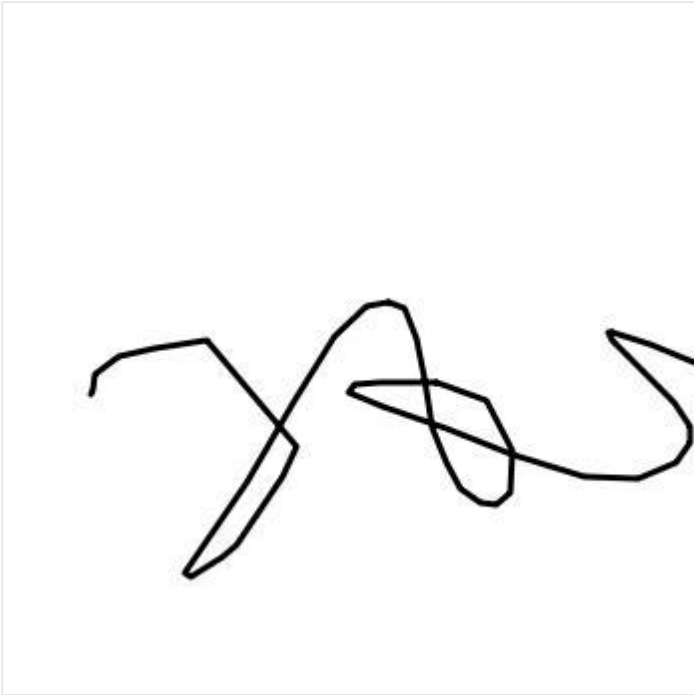
Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature



signature-20220625-002225.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 27, 2022, 5:27:41 PM

Date of Log

Jun 27, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

71

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

Daniel with NI, 6 crew. weedwhackers and hand tools.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

New species onsite for me, singing male BLGR, and fledglings of CAKI, CSJA, LEGO, BUSH, PHAI, HOFI, NUWO. Others YEWA, COYE, BHGR, HOOR, MODO, ECDO, WBNU, NOMO, OATI, ACWO, RTHA, RCPA, NRWS, BARS, RWBL. BNST, AMCO, MALL (and many ducklings), and GBHE in reservoir. Many western fence and side-blotched lizards, some whiptails and alligator lizards.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 crew picks up dead piles of weeds all along. DG-WOUS (Photos 1+2), until dumpster is full. I monitor for potential nesting birds in old weed piles and snakes. There are Western toadlets everywhere, about 1" long now. 830 move to NE, DG4 site for weeding and weedwhacking for the rest of the day (Photo 3). Many bees and butterflies, pollinators on megablooming buckwheat (photo 4). Removed buffer flags from old nests. Crew working hard in the heat.

Photo 1



Photo1_pile_pickup_facing_south.jpg

Photo 2



photo_2_piles_waiting_for_pickup.jpg

Photo 3



photo_3_weedwhacking_through_dead_mustard_facingW.jpg

Photo 4



photo4_example_of_buckwheat_bloom_NEend.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:15

Ending Temperature (°F)

96

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

I called a couple of Bee removal experts because several of the irrigation boxes are now occupied by bees. Gave information to Daniel (NI foreman)

Signature

A handwritten signature in black ink, appearing to read "D. Nie", is centered within a rectangular box. The signature is written in a cursive, somewhat stylized font.

signature-20220628-002709.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 27, 2022, 3:44:18 PM

Date of Log

Jun 27, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

66

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 10 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: LCPA CALT CATH SOSP CASJ HOFI CORA ALHU SPTO COHA RTHA BLPH MODO ACWO KILL LEGO
CAQU BNST AMCO GBHE DCCO**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the eastern side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1245: Half the crew starts working on eastern sideslope.

1500: Crew stops work for the day.

Photo 1



Crew_sideslope_facingW.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

95

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail seen.

Signature

A handwritten signature in black ink, appearing to read "L. A. V. ...", is centered within a white rectangular box. The signature is written in a cursive style with a prominent initial "L" and a long horizontal stroke at the end.

signature-20220627-202434.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jun 29, 2022, 2:48:31 PM

Date of Log

Jun 28, 2022

Monitor/Biologist

Dawn Garcia

Company

Stillwater

Starting Time

06:32

Starting Temperature (°F)

68

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

NI Daniel and Raul, and crew of 5, hand pulling and using shovels to remove roots of mustard and pepperweed. 2 crew with weedwackers. Weeding continues in the same area after lunch. Weedwhacking crew continued along the west perimeter above the mining pit.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

MODO,HOFI,SPTO, CAKI, BGGN,NUWO,WBNU, NOMO, HOOR,LEGO,STJA, CALT, CORA,RCPA, CATH,ANHU, ALHU, SOSP, BEWR, BHGR, WREN, COYE, COHA.YEWA, SB munia, BNST, GBHE,MALL, AMCO,EYGO in reservoir side-blotched, western and whiptail lizards. western toadlets.PSFL and several YEWA singing on south (forested) restoration site.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 back to DG-4 NE restoration area with 3 weedwackers and 4 handtools. Working east and south of disc golf area. Remove buffer flagging from CSJA nest buffer from 4/25/22. 0830 I walk to check for nesting, S toward reservoir. 940, weedwacking crew continues west around restoration perimeter for the rest of the day. At 1330 I walk south to check cowbird trap (with 2 CALT). Sam Ward resolves issue. I hear 1 or 2 juvenile COHA calling from original nest area! HOT, HOT HOT, temps. crew finishes up at 230.

Photo 1



photo_1_Edging_NE_perimeter(DG4)_of_weeds_with_weed...

Photo 2



photo_2_Exempl_of_weed_clearing_and_native_plant_retenti...

Photo 3



photo_3post-weedwhacking_west_perimeter_facingWr.jpg

Photo 4



photo_4_weed_removal_east_perimeter_along_reservoir.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:45

Ending Temperature (°F)

95

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

Many juveniles of CSJA, CALT, SPTO, LEGO, CAQU, ALHU, ANHU. Western toadlets to watch out for while walking and working with equipment. The many lizards tend to scurry away in front of you, or freeze on basking rocks. Checked on BHCO trap while at the south side. Heard 1 or 2 juvenile COHA in the area of the nest. think 2 because notes sounded different. Success!!!

Signature

A handwritten signature in black ink, consisting of two distinct parts. The first part is a stylized, cursive letter, possibly 'R' or 'D', with a loop and a vertical stroke. The second part is a more complex, cursive flourish that resembles a 'W' or 'M' with a large loop at the top and a tail that curves back.

signature-20220629-213822.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 28, 2022, 5:39:24 PM

Date of Log

Jun 28, 2022

Monitor/Biologist

Lela Updegrave

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

69

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Invasive weed removal.**
- 2. Hand pulling/hand tools.**
- 3. Gothic Landscaping. Crew of 11 plus Cesar Olmos as crew lead.**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

**Birds: CALT CATH SOSP CASJ HOFI CORA ALHU SPTO RTHA BLPH MODO ACWO KILL CAQU BNST AMCO
GBHE DCCO EGGO**

Reptiles: Western fence lizard, side blotch lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You observe any Non-Compliance Issues?

No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the eastern side slopes.

0900: Crew takes a break.

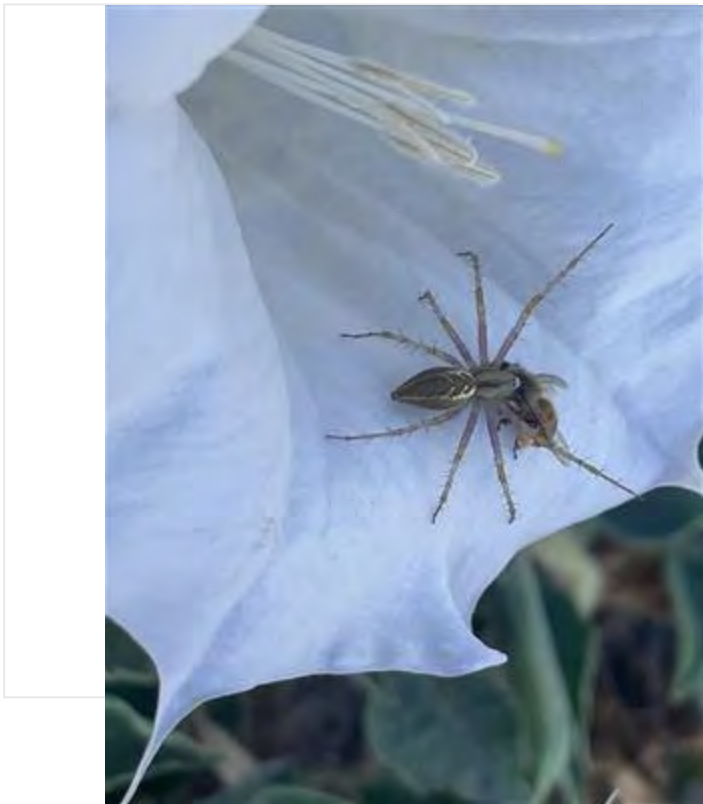
0915: Crew returns to work. Crew starts work on DG-3A.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Photo 1



!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

15:00

Ending Temperature (°F)

94

Ending Wind Range (MPH)

0-3

Ending Cloud Cover (%)

0

Additional Comments

Coastal whiptail seen.

Signature

A handwritten signature in black ink, appearing to read "Sha Upm" followed by a stylized flourish or initial. The signature is contained within a thin black rectangular border.

signature-20220629-003914.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jul 1, 2022, 6:37:07 AM

Date of Log

Jun 29, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

70

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 6 tarping up vegetation piles and taking off to the dumpster. No vegetation pulling was done today.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

REHA, SPTO, SOSP, BUTI, MODO, CAQU, CATH, CATO, ACWO, AMCR, CORA, OATI.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 monitored crews while they tarped old vegetation piles. I checked all piles for nesting birds and under piles/tarps for snakes. 1300 crew ended work early to finish HR training.

Photo 1



VegPiles_before_FacingE.jpg

Photo 2



VegPiles_after_FacingE.jpg

Photo 3



VegPiles_before_facingW_.jpg

Photo 4



VegPiles_after_facingW_.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

13:00

Ending Temperature (°F)

92

Ending Wind Range (MPH)

4-6

Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink on a white background. The signature is cursive and appears to read "Aie Ra". The first part "Aie" is written in a standard cursive style, while the second part "Ra" is more stylized, with a long horizontal stroke extending to the right from the top of the 'a'.

signature-20220701-133643.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 29, 2022, 7:07:55 PM

Date of Log

Jun 29, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

68

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

0

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement**
- 2. Hand tools (hoes) and hand pulling**
- 3. Gothic crew of 10 + Ceasar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: Black-necked Stilt, Mallard, American Coot, American Crow, Allen's Hummingbird, Killdeer, Black Phoebe, California Scrub Jay, House Finch, Northern Rough-winged Swallow, Song Sparrow, Parakeet sp., Cassin's Kingbird, California Towhee, Bewick's Wren, Nuttall's Woodpecker, Mourning Dove, Common Raven, Acorn Woodpecker, Lesser Goldfinch, Spotted Towhee, Red-tailed Hawk, California Thrasher, Hooded Oriole, Bushtit

Herps: Side-blotched Lizard, Coastal Whiptail, Western Fence Lizard, Western Toad

Mammals: Ground Squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0930 crew broke for break

0950 observed Coastal Whiptail foraging in Johnson Field

1140 crew broke for lunch

Photo 1



Crew_hand_weeding_along_bank_facingNW.jpg

Photo 2



Slope_near_DG-2_covered_in_Chenopodium.jpg

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

93

Ending Wind Range (MPH)

7-9

Ending Cloud Cover (%)

0

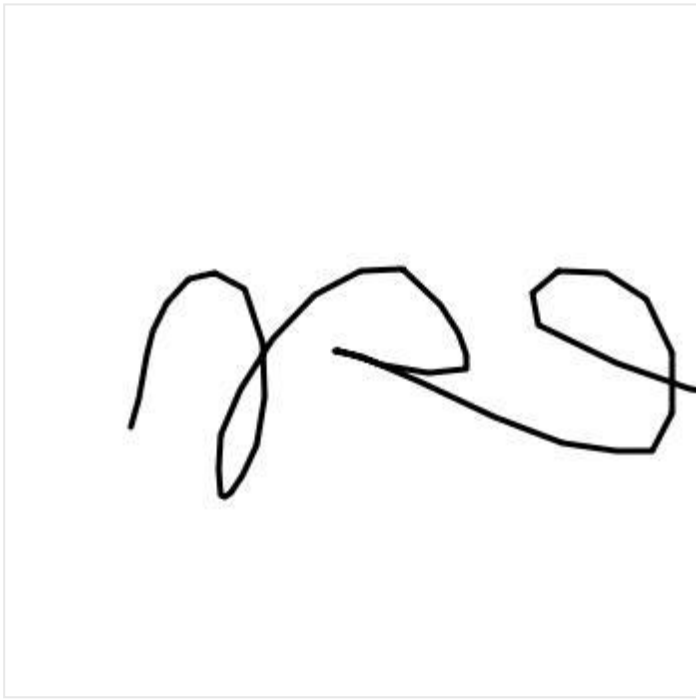
Additional Comments

The hydroseeded sections of the eastern slope are covered primarily in large Chenopodium that are in the process of flowering/seeding. Due to the hydroseeding, crews have been instructed not to work on the slope; however, this could do more harm than good due to the incredibly high density of invasives that will now be able to go to seed rather than be picked.

The temperature rose rapidly following 1000, leading to much lower levels of bird activity.

There remains a high presence of juvenile toads due to the moisture provided by the irrigation basins.

Signature



signature-20220630-020738.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: field_Stillwater

Submitted time: Jul 1, 2022, 9:33:44 AM

Date of Log

Jun 30, 2022

Monitor/Biologist

Alec Mang

Company

Stillwater

Starting Time

06:30

Starting Temperature (°F)

66

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

100

Construction Activity and Personnel

Natures image crew of 6 tarping up vegetation piles and taking them to the dumpster.

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

NOMO, SPTO, COHA, ANHU, CAQU, AMRO, MODO, BLPH, WEKI, coastal whiptail, western fence lizard.

Did You observe any Non-Compliance Issues?

No

Log Entry

0645 I monitored removal of vegetation piles. I checked all piles for nesting birds and under all piles to flush out any animals. 2 coastal whiptails were found under piles and I allowed them to disperse from the area before clearing the crew to remove those piles. 6 western fence lizards were also flushed out from under piles. No other species were found.

Photo 1



VegPiles_before_facingW.jpg

Photo 2



VegPiles_after_facingW.jpg

Photo 3



VegPiles_Before_facingS.jpg

Photo 4



TarpedVeg_during_facingS.jpg

!!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

89

Ending Wind Range (MPH)

4-6


Ending Cloud Cover (%)

0

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read "A. M. [unclear]", enclosed within a thin black rectangular border.

signature-20220701-163319.jpg

Devil's Gate Biological Monitoring Log Version 2

Submitted by: DevilsGateGuest

Submitted time: Jun 30, 2022, 2:40:43 PM

Date of Log

Jun 30, 2022

Monitor/Biologist

Cole Sutter

Company

ICF

Starting Time

06:30

Starting Temperature (°F)

64

Starting Wind Range (MPH)

0-3

Starting Cloud Cover (%)

60

Construction Activity and Personnel

- 1. Vegetation clearing/weed abatement**
- 2. Hand tools (hoes) and hand pulling**
- 3. Gothic crew of 9 + Ceasar Olmos**

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Did You Observe Any Special-Status Species?

No

Were any least Bell's Vireo detected?

No

Species Observed While Monitoring

Birds: Black-necked Stilt, Mallard, Song Sparrow, California Towhee, Spotted Towhee, House Finch, Killdeer, Parakeet sp., Yellow warbler, Northern Rough-winged Swallow, Common Raven, Double-crested Cormorant, Black Phoebe, Cliff Swallow, Anna's Hummingbird, Allen's Hummingbird, California Scrub Jay, Cassin's Kingbird, Mourning Dove, Great Blue Heron, Northern Mockingbird, Acorn Woodpecker, Lesser Goldfinch, Hooded Oriole, Red-tailed Hawk, Cooper's Hawk

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Mammals: Ground Squirrel

Did You observe any Non-Compliance Issues?

No

Log Entry

0800 spoke with Carla (Karla?), a biologist performing LBVI surveys; observed a YEWA on the east bank near the end of the driveway during this time

0840 crew broke for break

0900 spoke with restoration lead Carley Lancaster who informed me the crews could work on the hydroseeded slopes, but should exercise caution and avoid disturbing the seed too much when possible. I instructed the crew to work their way up from DG-3a towards those slopes since they had not been weeded in some time due to an apparent miscommunication regarding whether they could weed there or not.

1100 crew that had gone to dump trash informed me there were some younger kids driving a charger through the area. I went to see if they were still in the area and could not find them. They had presumably come in through an open gate on the north side that may have been left open by Pasadena water and power crews

1115 spoke with Pasadena water and power crew at one of the pump stations located just north of the dumpster, informed them of the potential intruders, and had a brief chat.

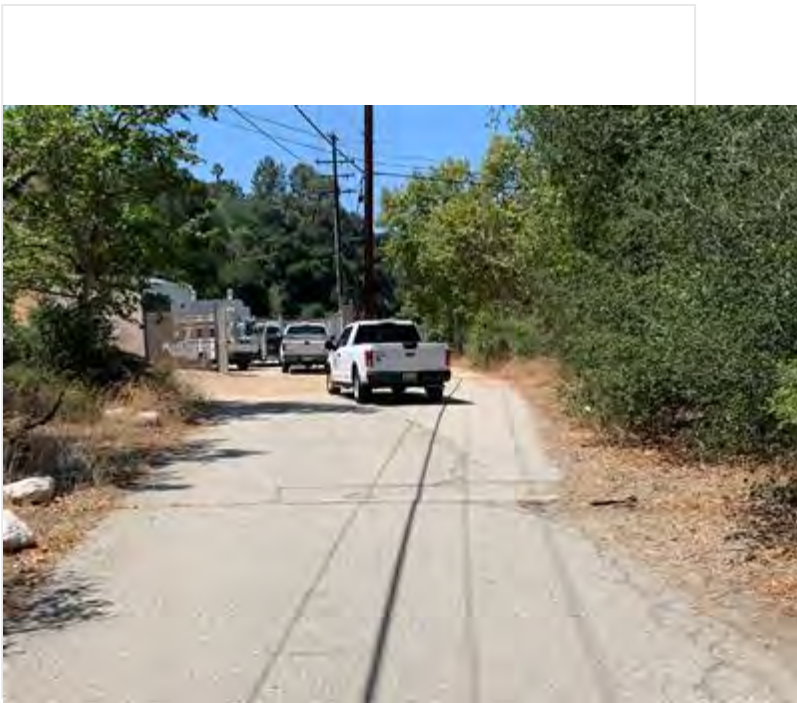
1140 crew broke for lunch

Photo 1



Crews_working_DG-3a_facingW.jpg

Photo 2



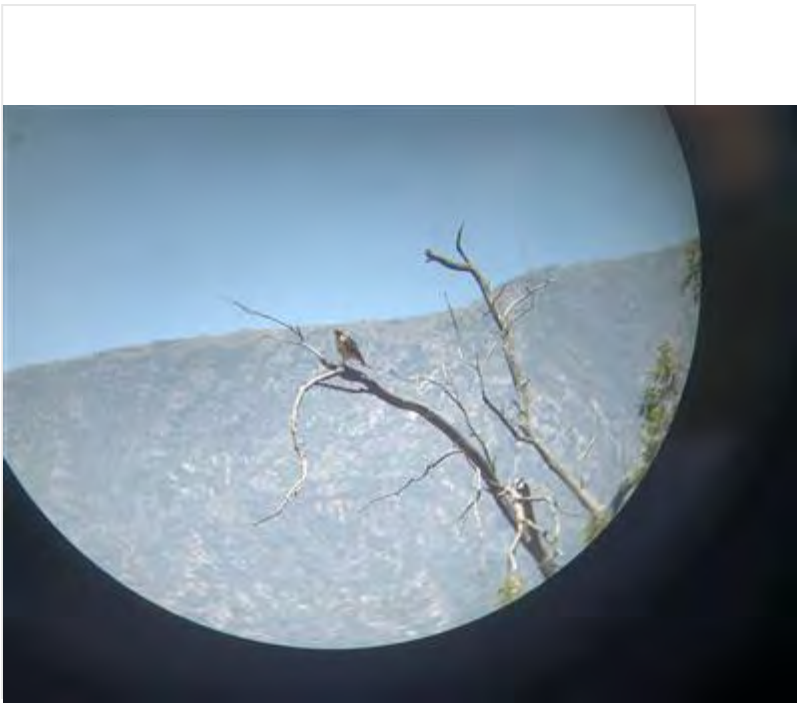
Pasadena_Water_and_Power_crews_facingS.jpg

Photo 3



Freshly_weeded_slope_facingN.jpg

Photo 4



Perched_RTHA_facingN.JPG

!IMPORTANT! Did you rename your photos with descriptive captions?

Yes

Log Completed?

Yes

Ending Time

14:30

Ending Temperature (°F)

88

Ending Wind Range (MPH)

4-6

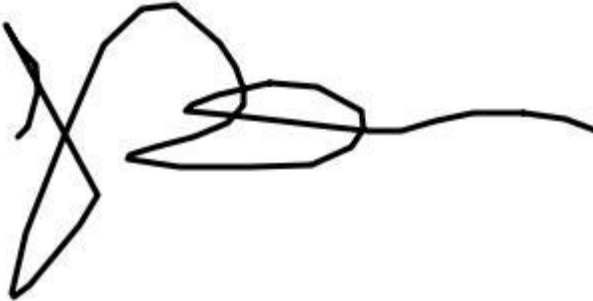
Ending Cloud Cover (%)

5

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke extending to the right.

signature-20220630-211329.jpg

**Devil's Gate Reservoir Restoration Project
Third Quarter Compliance Report
Activities Occurring Between July 2022 and
September 2022**

Submitted to:

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December 2022

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- Appendix D: Construction Monitoring Logs
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1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the third quarter of 2022 (July through September). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

"The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 6.6 into a Quarterly Compliance Report during time periods when Initial Sediment Removal and Habitat Restoration activities have occurred. Quarterly Compliance Reports and a copy of the MMRP table with notes showing the current implementation status of each mitigation measure shall be submitted to CDFW's Regional Representative and Headquarters CESA Program."

This is the sixteenth report (Quarterly Compliance Report Number 16) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between July 1 and September 30, 2022.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, if Covered Activities are proposed during the least Bell's vireo (*Vireo bellii pusillus*) breeding season (defined as March 1 to September 15) "the Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species." Habitat restoration activities are considered Covered Activities in the ITP.

Per Conservation Measure 11b of the USFWS Informal Section 7 Consultation, if sediment removal is conducted between March 15 and August 31 "twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

Annual maintenance activities (including site prep for sediment removal activities) were scheduled to begin on September 1, 2022 but were delayed until September 8, 2022. Sediment removal activities began on September 19, 2022, as such, weekly focused surveys continued during the third quarter 2022 reporting period through the end of the least Bell's vireo breeding season per the ITP (September 15). Additionally, due to the anticipated start date of September 1 for sediment removal activities,

preconstruction least Bell's vireo surveys were conducted in compliance with Condition 7.3.2 of the ITP and Conservation Measure 11a of the Section 7. A total of 13 focused breeding season and/or preconstruction least Bell's vireo surveys were conducted by Designated Biologists approved by CDFW and USFWS during the third quarter of 2022. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.	
Date	Designated Biologist
07/06/2022	Carla Marriner
07/13/2022	Carla Marriner
07/19/2022	Carla Marriner
07/26/2022	Carla Marriner
08/02/2022	Carla Marriner
08/09/2022	Carla Marriner
08/16/2022	Carla Marriner
08/23/2022	Carla Marriner
08/29/2022	Carla Marriner
08/30/2022	Carla Marriner
08/31/2022	Jill Coumoutso
09/08/2022	Carla Marriner
09/14/2022	Carla Marriner

No least Bell's vireos were documented on the Project site during the focused breeding season surveys during the third quarter of 2022. The least Bell's vireo preconstruction survey report is included in Appendix A and the breeding season survey reports for July, August, September 2022 are included in Appendix B.

After the 2022 breeding season survey period, one least Bell's vireo was observed foraging in willows on the Project site by a Designated Biologist during restoration monitoring on September 16, 2022. The observation of the least Bell's vireo individual was submitted to the California Natural Diversity Database (CNDDDB). Copies of the CNDDDB submissions are included as Appendix C in compliance with Condition 6.9 of the ITP.

No breeding least Bell's vireos were documented at the Project site during the 2022 season. Weekly focused breeding season surveys for least Bell's vireo will resume in March 2023 to support ongoing habitat restoration activities occurring at the Project site.

2.2 Biological Monitoring

Per Condition 6.6 in the ITP, "The Designated Biologist shall be on site daily when Covered Activities occur and when Covered Species are present, and weekly when Covered Species have potential to be present."

Per Condition 2.10a of the Streambed Alteration Agreement "...the Permittee shall have the Designated Biologist on site daily when protected species may be present to ensure that no impacts occur to protected species that are not authorized."

Per Conservation Measure 10 of the USFWS Informal Section 7 Consultation "If construction occurs between September 1 to March 14 (outside of the vireo breeding and nesting season), a designated construction monitor will conduct twice weekly inspections of the project site."

Construction related activities (including site preparation for sediment removal or sediment removal activities) began on September 1 (and were subsequently paused until resuming September 8). As such, construction monitoring activities began on September 1, 2022 and no construction monitoring or inspections occurred prior to that date. In accordance with Conservation Measure 10, a least Bell's vireo Designated Biologist served as a construction monitor twice weekly.

Daily biological monitoring of restoration activities occurred whenever non-native vegetation removal and/or plantings took place. Designated Biologists identified active bird nests on the Project site and implemented appropriate no-work buffers around said nests. Table 2 shows Project working dates and the biological monitors that were present on each date.

Date	Construction Monitors	Restoration Monitors
07/01/2022	No Construction Activities Occurred	Kristen Klinefelter, Alec Mang
07/04/2022		Holiday – No Work
07/05/2022		Kristen Klinefelter
07/06/2022		Alec Mang, Cole Sutter
07/07/2022		Alec Mang, Cole Sutter
07/08/2022		Alec Mang, Lela Updegrave
07/11/2022		Dawn Garcia, Lela Updegrave
07/12/2022		Dawn Garcia, Lela Updegrave
07/13/2022		Alec Mang, Lela Updegrave
07/14/2022		Cole Sutter
07/15/2022		Cole Sutter, Michael Walsh
07/18/2022		Lela Updegrave, Michael Walsh
07/19/2022		Lela Updegrave, Michael Walsh
07/20/2022		Cole Sutter, Michael Walsh
07/21/2022		Alec Mang, Lela Updegrave
07/22/2022		Alec Mang, Lela Updegrave
07/25/2022		Alec Mang, Lela Updegrave
07/26/2022		Alec Mang, Lela Updegrave
07/27/2022		Alec Mang, Lela Updegrave
07/28/2022		Dawn Garcia, Cole Sutter
07/29/2022		Dawn Garcia, Cole Sutter
08/01/2022		Alec Mang, Lela Updegrave
08/02/2022		Alec Mang, Lela Updegrave
08/03/2022		Alec Mang, Cole Sutter
08/04/2022		Alec Mang, Lela Updegrave
08/05/2022		Alec Mang, Lela Updegrave
08/08/2022		Jessica Medrano, Lela Updegrave
08/09/2022		Lela Updegrave, Michael Walsh
08/10/2022		Cole Sutter, Michael Walsh
08/11/2022		Alec Mang, Cole Sutter
08/12/2022		Alec Mang, Lela Updegrave
08/15/2022		Lela Updegrave, Michael Walsh
08/16/2022		Dawn Garcia, Lela Updegrave
08/17/2022		Alec Mang, Lela Updegrave, David Torfeh
08/18/2022	Alec Mang, Lela Updegrave, David Torfeh	

Table 2. Monitors Onsite During Work Days

Date	Construction Monitors	Restoration Monitors
08/19/2022		Alec Mang, Cole Sutter, David Torfeh
08/22/2022		Jessica Medrano, Lela Updegrave
08/23/2022		Alec Mang, Lela Updegrave
08/24/2022		Alec Mang, Cole Sutter, David Torfeh
08/25/2022		Alec Mang, Lela Updegrave, David Torfeh
08/26/2022		Dawn Garcia, Lela Updegrave, Michael Walsh
08/29/2022		Lela Updegrave, Michael Walsh
08/30/2022		Lela Updegrave, Michael Walsh
08/31/2022		Lela Updegrave, Michael Walsh
09/01/2022		Verity Richardson
09/02/2022	Construction Temporarily Halted	Alec Mang, Cole Sutter
09/05/2022		Holiday – No Work
09/06/2022		Cole Sutter, Michael Walsh
09/07/2022		Michael Walsh, Lela Updegrave
09/08/2022		Lauren Simpson*
09/09/2022	Lauren Simpson*, Eliza McLean	David Torfeh, Lela Updegrave
09/12/2022	Joshua Harris	Alec Mang, Lela Updegrave
09/13/2022	Eliza McLean	Alec Mang, Lela Updegrave
09/14/2022	Eliza McLean	Alec Mang, Lela Updegrave
09/15/2022	Jill Coumoutso*	Dawn Garcia, Lela Updegrave
09/16/2022	Jill Coumoutso*	Cole Sutter, Dawn Garcia
09/19/2022	Maddy Panzino	Cole Sutter, David Torfeh
09/20/2022	Maddy Panzino	Alec Mang, Cole Sutter
09/21/2022	Jill Coumoutso*	Alec Mang, David Torfeh, Lela Updegrave
09/22/2022	Verity Richardson	Alec Mang, Lela Updegrave
09/23/2022	Jill Coumoutso*	Alec Mang, Lela Updegrave
09/26/2022	Eliza McLean	Michael Walsh
09/27/2022	Eliza McLean	Michael Walsh
09/28/2022	Jill Coumoutso*	Alec Mang
09/29/2022	Jill Coumoutso*	Alec Mang
09/30/2022	Eliza McLean	No Work

* = LBVI approved biologist

2.3 Project Construction Activities

The following Project construction activities were conducted onsite during this reporting period:

- Project construction activities in the form of annual maintenance activities began on September 1, 2022 with the removal of emergent vegetation. Sediment hauling activities began September 19, 2022 through September 30, 2022.
- Sediment Removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.
- Small areas of emergent vegetation were cleared using bulldozers, skid steers and front loaders in preparation for hauling activities. All vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.

Construction monitoring logs from this quarter detailing daily activities are included in Appendix D.

2.4 Habitat Restoration Activities

The following habitat restoration activities were conducted onsite during this reporting period:

- Restoration activities continued from July 1, 2022 through September 30, 2022.
- Low-growing non-native plants including: perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), foxtail brome (*Bromus madritensis*), lamb's quarters (*Chenopodium album*), poison hemlock (*Conium maculatum*), redstem filaree (*Erodium cicutarium*), horsetail (*Equisetum arvense*), dodder (*Cascuta* sp.), smartweed (*Persicaria* sp.), Jerusalem oak goosefoot (*Dysphania botrys*), eucalyptus (*Eucalyptus* sp.) short podded mustard (*Hirschfeldia incana*), tree of heaven (*Alianthus altissima*), fennel (*Foeniculum vulgare*), were removed from the DG-1, DG-2, DG-2-WOUS, DG-W-2 mining pit (and outlet), DG-4, DG-4A, DG-4B, DG-4 drainage, DG-4 mining pit, DG-4 WOUS, DG-5, DG-W-1 (Johnson Field), side slopes, and the previous location of the tire wash within the site by hand pulling and using small hand tools, shovels, weed whips, hula hoes, a one line trimmer and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Collected (onsite and offsite) and planted cuttings of mulefat [*Baccharis salicifolia*], laurel sumac [*Malosma laurina*], elderberry [*Sambucus nigra*], willow [*Salix* sp.], cottonwood [*Populus fremontii*], coyote brush [*Baccharis pilularis*], California mugwort [*Artemisia douglasiana*], California rose [*Rosa californica*], and blackberry [*Rubus ursinus*] in basins in DG-2, DG-W-1.
- The irrigation system was maintained and cuttings were watered.
- The tire wash area was hydroseeded.

Habitat restoration monitoring logs for this quarter detailing daily activities are included in Appendix E.

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from October 1, 2022 to December 31, 2022.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 3 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
<p>MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.</p>	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities occurred during the 2022 third quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2022 third quarter reporting period. See Table 2 for details.
<p>MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2022 third quarter reporting period.
<p>MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.</p>	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 – 5/19/20, 3/17/21-3/26/21 07/19/22-07/28/22	Breeding season surveys for least Bell's vireo were initiated during the first week of March 2022 and continued through the third quarter reporting period. A preconstruction breeding season least Bell's vireo survey report was submitted to LACPW and is included as an appendix to the third quarterly compliance report for 2022. Preconstruction surveys for sensitive species ahead of annual maintenance activities were conducted by qualified biologists on July 19, 25, 26, and 28 2022.
<p>MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20 3/1/21-4/16/21 7/28/22-8/30/22	Preconstruction surveys for nesting birds were completed ahead of annual maintenance activities during the third quarter of 2022. Active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>annually for the duration of the sediment removal.</p> <p>If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</p>							Designated Biologists monitored Project construction and restoration activities daily during the nesting season during the third quarter 2022 reporting period.
<p>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> • To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. • When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. • Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. • Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). • If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> ○ Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. ○ First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. ○ Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	<p>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/2018 – 11/08/2018</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2022 third quarter reporting period.</p>
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. • Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2022 third quarter reporting period.</p>

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>native plant species richness (number of different plant species).</p> <ul style="list-style-type: none"> Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, Add soil amendments if problem soils may be inhibiting plant growth, Replant if plant survival is low or to increase plant species cover or diversity, Install different plant species for plant species that are not surviving, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> Conduct Tree Survey Identify and Protect Oak Tree Root Zones Identify/Map Mitigation Sites Prepare Habitat Restoration Plan Install Plant Materials 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>10/02/2018 – 10/05/2018</p>	<p>Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2022 third quarter reporting period. Restoration activities were continued during the 2022 third quarter reporting period.</p>

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.	<ul style="list-style-type: none"> • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<ul style="list-style-type: none"> • Prepare Annual Reports • Achieve Mitigation Site Sign-Off 					
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). • Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> o Site-specific container plant and seed palettes, o Irrigation plan, o Nonnative and invasive plant species removal, o Maintenance and monitoring schedule, o Qualitative and quantitative monitoring methodologies, o Selection criteria of reference sites, o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2022 third quarter reporting period.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. <ul style="list-style-type: none"> ● Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. ● Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

*The Implementation and Monitoring phases are broken down into four categories: Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; and Reservoir Management. "Final Plans and Specifications" indicates that the mitigation measure must be incorporated into the final approved design, plans, and specifications for the project. "Pre- Sediment Removal" refers to measures that are required prior to the start of the sediment removal phase. "Sediment Removal" refers to all aspects of the Sediment Removal phase. "Reservoir Management" refers to all aspects of the Reservoir Management phase.

LIST OF APPENDICES

Appendix A: Least Bell's Vireo Preconstruction Survey Report

Appendix B: Least Bell's Vireo Breeding Season Survey Reports – July through September 2022

Appendix C: CNDDDB Submission of Least Bell's Vireo Observation

Appendix D: Construction Monitoring Logs

Appendix E: Habitat Restoration Monitoring Logs

Least Bell's Vireo Preconstruction Survey Report



September 22, 2022
(2017-116.006/12C)

Mr. Wayne Lee
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: walee@dpw.lacounty.gov

Subject: Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

The purpose of this letter report is to present the results of preconstruction least Bell's Vireo (*Vireo bellii pusillus*) surveys conducted by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The preconstruction surveys for least Bell's vireo were conducted prior to the commencement of routine annual maintenance activities to comply with Condition 7.3.2 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project, which states that if Covered Activities occur during the nesting season (March 1 to September 15):

"The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states that if sediment removal is conducted between March 15 and August 31 then:

"Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

SURVEY METHODS

Preconstruction surveys for least Bell's vireo were conducted by a CDFW- and USFWS-approved Designated Biologist in compliance with ITP Condition 7.3.2 and Section 7 Conservation Measure CM 11a for Project activities that are to occur during the vireo's breeding season

because routine annual maintenance activities were scheduled to begin on September 1, 2022. However, shortly after routine annual maintenance activities began on September 1, 2022, work activities were halted due to noise complaints from neighboring communities specific to equipment backup alarms. As a result, work activities were halted until September 8, 2022, which is outside of the nesting season per the Section 7 but still within the nesting season per the ITP. Immediately prior to work resuming on September 8, 2022, a final preconstruction least Bell's vireo was conducted per Condition 7.3.2 of the ITP.

Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project routine annual maintenance boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Preconstruction least Bell's vireo surveys began on August 2, 2022, 30 days prior to the originally scheduled start of Project activities which was planned for September 1, 2022. Surveys continued weekly, with three consecutive surveys occurring during the week prior to the start of routine annual maintenance within the basin. The final survey was performed the day prior to the start of Project maintenance activities. A total of 7 preconstruction least Bell's vireo surveys were conducted between August 2 and August 31, 2022. The dates, personnel, and weather conditions for each survey are listed in Table 1. Survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
08/02/22	CM	0620	0945	72	78	0	0	0	1-3
08/09/22	CM	0630	0945	72	84	20	5	0-1	0-2
08/16/22	CM	0610	0945	70	81	0	0	0	0-2
08/23/22	CM	0615	0930	68	74	0	0	0	0-1
08/29/22	CM	0625	0940	69	74	0	30	0	1-3
08/30/22	CM	0635	0955	66	78	10	0	0	0-1
08/31/22	JC	0705	0950	69	90	0	0	1-3	1-3
09/08/22	CM	0630	0925	78	82	50	80	0-1	2-4

* CM = Carla Marriner, JC = Jill Coumoutso

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

No least Bell's vireos or brown-headed cowbirds (*Molothrus ater*) were detected during the preconstruction surveys. A complete list of all birds and other wildlife observed during the preconstruction surveys is provided in Attachment B.

DISCUSSION

Preconstruction surveys for least Bell's vireo were conducted during the 2022 breeding season prior to the commencement of routine annual maintenance activities in the basin. The Designated Biologists did not detect least Bell's vireo on the Project site or within the 500-ft survey buffer during the August and September 2022 preconstruction surveys. Male least Bell's vireos were detected during restoration monitoring in the beginning of the breeding season in April 2022; however, no females were detected, and no nesting behavior was observed. No other sightings were recorded onsite throughout the rest of the 2022 breeding season.

The lack of detection of any individuals during the eight preconstruction surveys conducted prior to the commencement of annual maintenance activities, indicates that breeding least Bell's vireos were absent from the Project site and 500-ft survey buffer area as of September 8, 2022.

Least Bell's vireo Designated Biologists will continue conducting weekly surveys through the end of the 2022 breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 

Lauren Simpson
Staff Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

DATE: September 22, 2022

Attachments:

- Attachment A: Survey Datasheets
- Attachment B: Wildlife Species Observed

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 08/02/2022 11:47 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	72°F	0 MPH	0 %
End of Day	09:45	78 °F	1-3 MPH	0 %

Date Observed
August 2, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
Maintenance activities are on-going in the restoration areas.

Incidental Species Observed
MODO HOFI CASJ ANHU AMCR ROHU CALT BEWR CAQU LEGO NRSW ACWO BHGR SOSP BLPH YEWA
HOOR SBMU BUSH WEKI BGGN COHA Cabbage white butterfly Gulf fritillary butterfly Western toad California
ground squirrel Western toad Desert cottontail Western fence lizard Side blotched lizard Coastal whiptail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Other
Submitted Time: 08/09/2022 3:47 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	72°F	0-1 MPH	20 %
End of Day	09:45	84 °F	0-2 MPH	5 %

Date Observed
August 9, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed

MODO ACWO WEKI CALT BUSH ANHU CAQU YEWA AMRO California ground squirrel Desert cottontail
Coyote scat Western fence lizard Checkered white butterfly Western toad Side-blotched lizard Western swallowtail
butterfly Cabbage white butterfly Gulf fritillary butterfly Mourning cloak butterfly RTHA BLPH CASJ AMCR BEWR
COHA ALHU NUWO SOSP SPTO LEGO PUF1 BHGR OATI

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Other
Submitted Time: 08/16/2022 11:18 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	70°F	0 MPH	0 %
End of Day	09:45	81 °F	0-2 MPH	0 %

Date Observed
August 16, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed

MODO ACWO ANHU COHA CAQU DEJU CASJ CALT LEGO BUSH WREN BEWR ALHU RCPA HOFI SOSP
AMCR CATH BLPH RSHA YEWA* WIWA PAFL HUVI Cabbage white butterfly Gulf fritillary butterfly California
ground squirrel Cottontail Western yellowtail butterfly Coyote Western fenced lizard Whiptail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Other
Submitted Time: 08/23/2022 10:50 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	68°F	0 MPH	0 %
End of Day	09:30	74 °F	0-1 MPH	0 %

Date Observed
August 23, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
Crews continue maintenance activities within restoration and side slopes

Incidental Species Observed
MODO CASJ BUSH ANHU SOSP COHA CALT AMCR NOMO ALHU CAQU HOFI LEGO SBMU YEWA* BLPH
ACWO Squirrel Cottontail Coyote Western yellowtail butterfly Cabbage white butterfly Western fence lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Other
Submitted Time: 08/29/2022 11:17 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	69°F	0 MPH	0 %
End of Day	09:40	74 °F	1-3 MPH	30 %

Date Observed
August 29, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
YEWA is still foraging on the SW portion of the site

Incidental Species Observed
MODO HOFI ANHU CASJ CALT RCPA BUSH SOSP BEWR AMCR CORA CATH CAQU ACWO LEGO COHA
RCKI RTHA BLPH SBMU NUWO YEWA* Desert cottontail Western fence lizard California squirrel Western toad
Coyote Coastal whiptail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Other
Submitted Time: 08/30/2022 12:00 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	66°F	0 MPH	10 %
End of Day	09:55	78 °F	0-1 MPH	0 %

Date Observed
August 30, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
LA public works crew onsite - maintenance crews working on different locations within riparian & restoration sites.

Incidental Species Observed
CASJ CATH ANHU LEGO HOFI BUSH SOSP COHA AMCR RCPA NUWO BLPH CALT MODO CAQU NOMO
BGGN BEWR DEJU BARS YEWA AMRO EUST ACWO Western toad Coyote Desert coronial Squirrel Gulf
fritillary Checkered butterfly Coastal whiptail Western fence lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
Submitted Time: 08/31/2022 10:12 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	69°F	1-3 MPH	0 %
End of Day	09:50	90 °F	1-3 MPH	0 %

Date Observed
August 31, 2022

Observer Name
Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

CALT SOSP EUCD CORA BEWR ANHU ALHU SPTO CAQU HOFI ACWO NUWO CATH OCWA YWAR WREN
LEGO CASJ OATI PSFL Red crowned parrot California ground squirrel Desert cottontail Western fence lizard Side-
blotched resort

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 09/08/2022 9:09 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	6:30	78°F	0-1 MPH	50 %
End of Day	9:25	82 °F	2-4 MPH	80 %

Date Observed
September 8, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
No YEWA detected during the survey

Incidental Species Observed
MODO CALT LEGO SOSP NUWO CASJ AMCR CATH RCPA ANHU Coyote COHA BEWR BUSH CORA HOFI
RTHA BLPH Squirrel Common buckeye butterfly Yellow jackets Western toad Western fence lizard Coastal
whiptail Desert cottontail

ATTACHMENT B

Wildlife Species Observed

Scientific Name	Common Name
INSECTS	
Nymphalidae	Brush-footed Butterflies
<i>Dione vanillae</i> (formerly <i>Agraulis</i>)	gulf fritillary
<i>Junonia coenia</i>	common buckeye
<i>Nymphalis antiopa</i>	mourning cloak butterfly
Papilionidae	Swallowtail Butterflies
<i>Papilio rutulus</i>	western tiger swallowtail
Pieridae	Pierid Butterflies
<i>Pieris rapae</i>	cabbage white butterfly
<i>Pontia protodice</i>	checkered white butterfly
AMPHIBIANS	
Bufonidae	True Toads
<i>Anaxyrus boreas halophilus</i>	California toad
REPTILES	
Phrynosomatidae	Spiny Lizards
<i>Sceloporus occidentalis longipes</i>	Great Basin fence lizard
<i>Uta stansburiana elegans</i>	western side-blotched lizard
Teiidae	Whiptails and Racerunners
<i>Aspidoscelis trigris stejnegeri</i> **	coastal whiptail
BIRDS	
Accipitridae	Hawks
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
Aegithalidae	Bushtits
<i>Psaltriparus minimus</i>	bushtit
Cardinalidae	Cardinals
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
Columbidae	Pigeons and Doves
<i>Streptopelia decaocto</i> *	Eurasian collared-dove
<i>Zenaida macroura</i>	mourning dove
Corvidae	Jays and Crows
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
Estrildidae	Estrildid Finches
<i>Lonchura punctulate</i> *	scaly-breasted munia
Fringillidae	Finches
<i>Haemorhous mexicanus</i>	house finch
<i>Haemorhous purpureus</i>	purple finch

<i>Spinus psaltria</i>	lesser goldfinch
Scientific Name	Common Name
BIRDS	
Hirundinidae	Swallows
<i>Hirundo rustica</i>	barn swallow
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
Icteridae	New World Blackbirds
<i>Icterus cucullatus</i>	hooded oriole
Mimidae	Mockingbirds and Thrashers
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
Odontophoridae	Quails and Partridges
<i>Callipepla californica</i>	California quail
Paridae	Titmice
<i>Baeolophus inornatus</i>	oak titmouse
Parulidae	Wood-warblers
<i>Cardellina pusilla</i>	Wilson's warbler
<i>Oreothlypis celata</i>	orange-crowned warbler
<i>Setophaga petechia**</i>	yellow warbler
Passerellidae	Sparrows and Towhees
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Pipilo maculatus</i>	spotted towhee
Picidae	Woodpeckers
<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
Poliophtilidae	Gnatcatchers
<i>Poliophtila caerulea</i>	blue-gray gnatcatcher
Psittacidae	Old World Parrots
<i>Amazona sp.*</i>	parrot sp.
Regulidae	Kinglets
<i>Regulus calendula</i>	ruby-crowned kinglet
Sturnidae	Starlings
<i>Sturnus vulgaris*</i>	European starling
Sylviidae	Sylviid Warblers
<i>Chamaea fasciata</i>	wrenit
Trochilidae	Hummingbirds
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus rufus</i>	Rufous hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
Troglodytidae	Wrens
<i>Thryomanes bewickii</i>	Bewick's wren
Turdidae	Thrushes
<i>Turdus migratorius</i>	American robin

Scientific Name	Common Name
BIRDS	
Tyrannidae	Tyrant Flycatchers
<i>Empidonax difficilis</i>	pacific-slope flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Tyrannus verticalis</i>	western kingbird
Vireonidae	Vireos
<i>Vireo huttoni</i>	Hutton's vireo
MAMMALS	
Canidae	Dogs, Wolves, and Foxes
<i>Canis latrans</i>	coyote
Leporidae	Hares and Rabbits
<i>Sylvilagus audubonii</i>	desert cottontail
Sciuridae	Squirrels
<i>Otospermophilus beecheyi</i>	California ground squirrel

*Nonnative species

**CDFW Species of Special Concern/CDFW Fully Protected Species

Least Bell's Vireo Breeding Season Survey Reports – July through September 2022

August 31, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: July 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in July 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022 and continued through July 2022 and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during July 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
07/06/22	CM	0610	1000	61	68	90	80	2-4	2-4
07/13/22	CM	0615	1000	58	72	95	40	0-2	2-4
07/19/22	CM	0613	0940	69	82	0	0	0-1	2-4
07/26/22	CM	0630	1200	70	88	10	0	0-1	2-4

CM = Carla Marriner

No least Bell's vireos or Brown-headed cowbirds were detected during the July 2022 breeding season surveys.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo conducted in July 2022 did not detect least Bell's vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 

DATE: August 31, 2022

Lauren Simpson
 Staff Biologist
 ECORP Consulting, Inc.
 2861 Pullman Street
 Santa Ana, CA 92705

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

Attachments:

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/06/2022 11:28 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	61°F	2-4 MPH	90 %
End of Day	10:00	68 °F	2-4 MPH	80 %

Date Observed

July 6, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Two crews working today - The bio monitors haven't seen/heard LBVI

Incidental Species Observed

SCJA CAKI MODO ALHU COHA RTHA HOFI NRSA GREG AMCR Western toad SOSP ACWO LASP BEWR
ANHU BLHE MALL KILL CA ground squirrel SPTO Western swallowtail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/14/2022 8:22 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	58°F	0-2 MPH	95 %
End of Day	10:00	72 °F	2-4 MPH	40 %

Date Observed

July 13, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

SCJA HOFI LEGO BUSH NOMO CATH CATO ANHU ACWO AMCR MODO COYE Squirrel Cottontail BLPH
CAKI Coyote CAQU YEWA RSHA NRSW ALHU RTHA BGGN WAVI BEWR AMRO Side blotched lizard
Western fence lizard Western toad Cabbage white

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/19/2022 12:53 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	69°F	0-1 MPH	0 %
End of Day	09:40	82 °F	2-4 MPH	0 %

Date Observed

July 19, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Maintenance activities / weed removal continues to occur in some portions of the project site.

Incidental Species Observed

CAQU MODO ANHU BUSH SCJA LEGO RTH SPTO ALHU WEKI LASP SOSP BEWR CATH ACWO AMCR
COHA NRSW YEWA Parrot OATI AMRO BHGR ROPI Western swallowtail Western toad Western fence lizard
Sideblotchwd lizard Cottontail Ground squirrel Coastal whiptail Cabbage white

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 07/26/2022 2:42 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70°F	0-1 MPH	10 %
End of Day	12:00	88 °F	2-4 MPH	0 %

Date Observed

July 26, 2022

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Project Protected bird species preconstruction survey part 1 was performed concurrently with the LBVI weekly survey today.

Incidental Species Observed

EUCD HOFI ALHU ACWO CAQU Parrots SCJA AMCR ANHU COHA* NRWS BUSH WEKI RSHA Western toad
Western fence lizard Baja California tree frog LEGO MODO NOMO SOSP CATH EUST CAGE SPTO YEWA
California Squirrel Cottontail Cabbage white Butterfly Coyote BLPH CORA Western swallowtail butterfly

October 7, 2022
(2017-116.006/12D)

Mr. Wayne Lee
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: WaLee@dpw.lacounty.gov

Subject: September 2022 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Lee,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in September 2022 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

"The Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

Weekly focused least Bell's vireo surveys began on March 1, 2022, were completed in September 2022, and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the surveys were recorded on

¹ U.S. Fish and Wildlife Service (USFWS). 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Two focused breeding season surveys for least Bell's vireo were conducted during September 2022. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
09/08/22	CM	0630	0925	78	82	50	80	0-1	2-4
09/14/22	CM	0620	0910	66	69	100	90	0-2	1-3

CM = Carla Marriner


No least Bell's vireos or Brown-headed cowbirds were detected during the September 2022 breeding season surveys. However, on September 16, 2022, an individual least Bell's vireo was incidentally observed by a Designated Biologist monitoring onsite habitat restoration work. The bird was observed briefly foraging and singing on the west side of the reservoir.

DISCUSSION

Two focused breeding season surveys for least Bell's vireo were conducted in September 2022. While no observations of least Bell's vireo were made during focused breeding season surveys, an individual least Bell's vireo was detected foraging at the Project site while restoration monitoring was taking place on September 16, 2022. September 15, 2022 marked the end of the 2022 breeding season. No breeding least Bell's vireos were documented at the Project site during the 2022 season.

Weekly focused breeding season surveys for least Bell's vireo will resume in March 2023 to support ongoing habitat restoration activities occurring at the Project site.

If you have any questions regarding the contents of this letter report, please contact me at (714) 648-0630 or lsimpson@ecorpconsulting.com.

SIGNED: 
Lauren Simpson
Staff Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

DATE: October 7, 2022

² ECORP Consulting, Inc (ECORP). 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles Department of Public Works, Water Resource Division. March 2019.

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 09/08/2022 9:09 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	6:30	78°F	0-1 MPH	50 %
End of Day	9:25	82 °F	2-4 MPH	80 %

Date Observed
September 8, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
No YEWA detected during the survey

Incidental Species Observed
MODO CALT LEGO SOSP NUWO CASJ AMCR CATH RCPA ANHU Coyote COHA BEWR BUSH CORA HOFI
RTHA BLPH Squirrel Common buckeye butterfly Yellow jackets Western toad Western fence lizard Coastal
whiptail Desert cottontail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 09/14/2022 12:59 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	66°F	0-2 MPH	100 %
End of Day	09:10	69 °F	1-3 MPH	90 %

Date Observed
September 14, 2022

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
On-going Maintenance activities in the basin.

Incidental Species Observed
BUSH MODO HOFI CALT ANHU CASJ CATH AMCR RCPA COHA CAQU WEKI BLPH NUWO SOSP LEGO
Coyote California squirrel Western fence lizard Toad

CNDDDB Submission of Least Bell's Vireo Observation

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 09/16/2022

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: Vireo bellii pusillus

Common Name: least Bell's vireo

Species Found? Yes No _____ If not found, why?

Total No. Individuals: 1 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? _____ No Unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Walsh

Address: 1235 Fitzgerald Rd., Unit G, Simi Valley, CA, 93065

E-mail Address: Mwalsh@stillwatersci.com

Phone: (847)-732-1815

Plant Information

Phenology:

% vegetative _____ % flowering _____ % fruiting _____

Animal Information

adults _____ # juveniles _____ # larvae _____ # egg masses _____ # unknown 1
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Individual located on the western edge of the flood control basin, at the top of the slope. Exact spot was the site of a large erosion event in late winter 2022, some scattered Gooding's willow cover with low herbaceous vegetation and bare ground.

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1045

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): Field Maps

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: 5 meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)

Coordinates: 34.188801 N, 118.176596 W

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Sang a few song phrases and foraged in willows. Observed by biologist monitoring a restoration crew (Dawn Garcia) for 15 minutes. Flew into a flock of heterospecific songbirds, at which point it was not seen again and presumably left the immediate area. The bird was not detected the rest of the day. Likely a fall migrant heading south due to frequent negative surveys of the area. Possibly a recently fledged male; plumage was fresh; unsure of exact age class. Observed at roughly 0745.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: Open space, frisbee golf course, hiking trails, suburban development, flood control basin.

Visible disturbances: Active sediment removal efforts southeast in basin

Threats: Off trail hikers, off leash dogs, noise/dust from soil removal and restoration efforts

Comments: Restoration efforts were over 300 feet from observation and out of line-of-sight.

Determination: (check one or more, and fill in blanks)

- Keyed (cite reference): _____
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: Aural and Visual observation by a seasoned ornithologist (Dawn Garcia)

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes no

APPENDIX D

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: September 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	75 °F	0-3 MPH	25 %
End of Day	15:25	102 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Removing debris from dam gate
2. Hand tools; potato fork, shovel, rake
3. Anthony Rothwell - crew of eight initially, ten by 1315 (two extra joined in the afternoon)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

*Coastal whiptail SSC, ACWO, CASJ, NUWO, SOSPO, Amazona sp., SBMU, BLPH, CORA, CALT, ALHU, HOFI, RTHA, MODO, Western fence lizard, house mouse, Cottontail, western toad, California tree frog, monarch, cabbage white, Norwegian rat, flame skimmer, western tiger swallowtail, vivid dancer damselfly, western honey bee, vesper sparrow

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site, contacted Anthony for gate code to access the site.

0635: Began pre-con sweep.

0800: LAPW crew arrive on site. Conducted walkover with Anthony Rothwell. Work delayed due to noise complaint regarding reverse alarms. Crew will be clearing dam gate today by hand.

0830: Swept area in front of dam. Caught and relocated California frogs and western toads.

0915: Crew of eight clearing debris 4-ft away from dam gate. Relocated western toads and California tree frogs from the works area to a safe location.

0940: Observed juvenile house mouse (eyes closed) no nest observed or other mice present. Created a nest cavity from same substrate further back out of harms way and placed juvenile inside.

1220: Water truck sprayed roadways.

1310: Extra crew member arrived.

1322: Another extra crew member arrived (ten total).

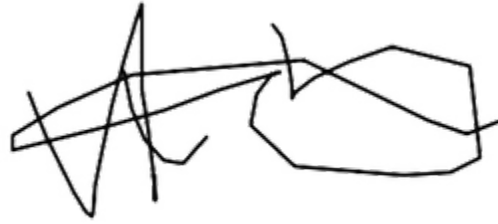
1510: Crew finished with task. Collected trash from site

1525: End of monitoring.

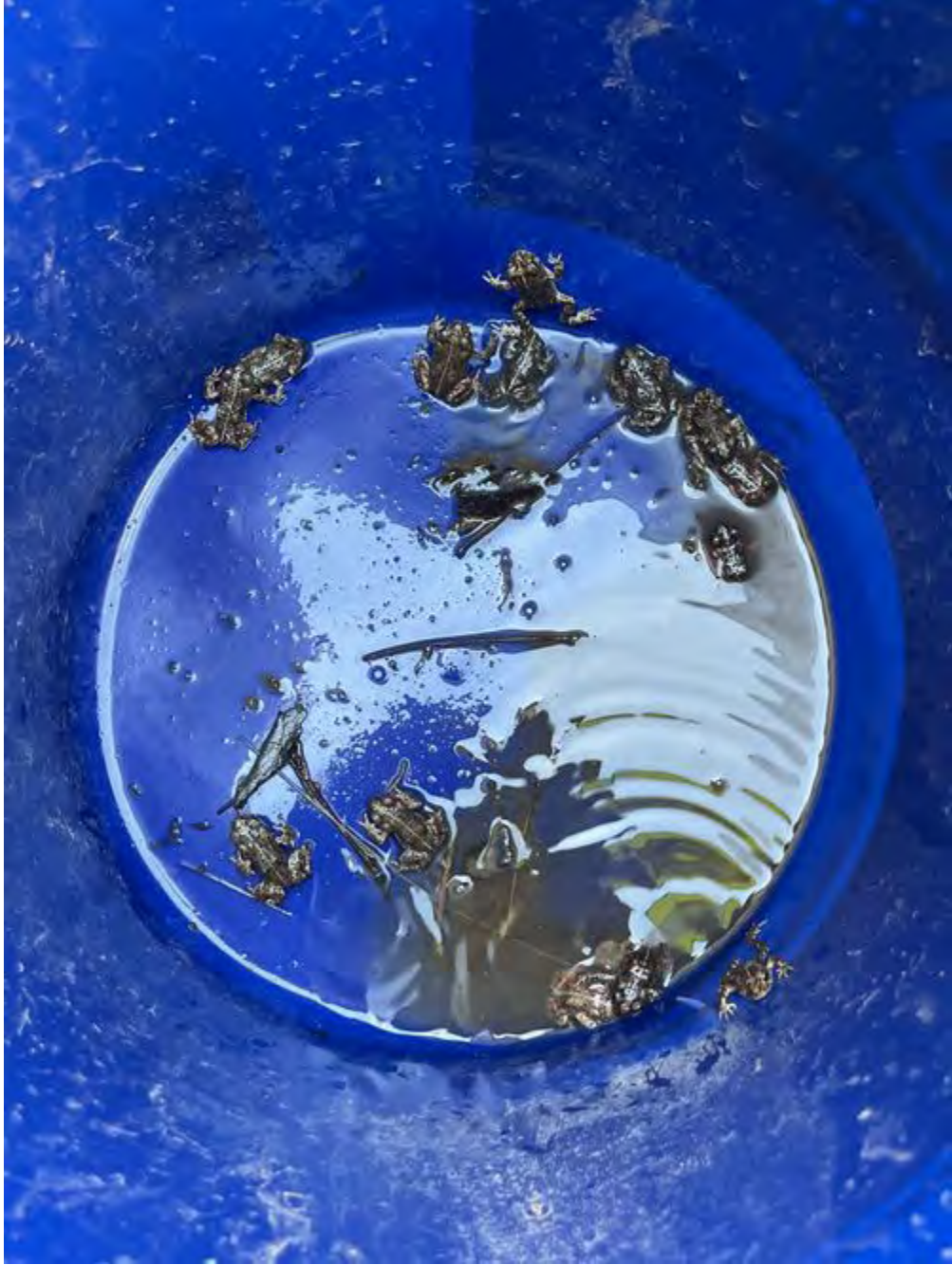
Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping, angular lines that form a stylized, abstract shape.

Debris_removal_crew_090122.JPG
-118.17510833333334 34.1853361111111106



Westerntoads_in_bucket_relocation_090122.jpg
-118.1751893888889 34.185557286111106



Removing_Debris_from_DamGate_090122.jpg
-118.17518555555556 34.18557995277777



Moving_Debris_from_damwall_090122.jpg
-118.17513511111112 34.18551263055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lauren Simpson
Company: ECORP
Date of Log: September 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	21:30	82 °F	0-3 MPH	80 %
End of Day	15:32	100 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

LACPW with dozer and water truck clearing low emergent vegetation from base of dam moving north.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CORA, RTHA, BLPH, CALT, CASJ, COHA, western toad, side-blotched lizard, SOSP

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0930: arrived onsite, coordinated with Carla regarding negative preconstruction survey for least Bell's vireo. Tailboard with county to discuss work plan.

0945: Began monitoring removal of vegetation, relocated approximately 200 toads out of harms way into nonwork areas.

1500: Work done for the day, conducted final sweep and left site at 1530.

Additional Comments

N/A

Signature





photo_1-clearedarea.jpg
-118.17404297222222 34.18658897222222



photo_2-dozerclearing.jpg
-118.180834 34.19161197222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lauren Simpson
Company: ECORP
Date of Log: September 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	81 °F	0-3 MPH	70 %
End of Day	10:00	91 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

LACPW using dozers and excavators to clear emergent vegetation and sediment.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, BLPH, SBMU, CORA, HOFI, CALT, western toad, California tree frog, deer mouse, striper racer

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived onsite for least Bell's vireo site check swept sit, no bio issues observed and project is in compliance, worked with bio monitor to assist with relocating toads out of harms way 1000 left site

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'LS', written over a light gray grid background.



photo_1-overviewofsite.jpg

-118.17387488055556 34.18538343055554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	82 °F	0-3 MPH	75 %
End of Day	15:00	95 °F	13-15 MPH	100 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing, grading.
2. Front loader, dozers.
3. Three operators, two water truck drivers, all from LA county public works.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, SBMU, wood rat, western toad, tree frog, CALT, RCPA, western tiger swallowtail, AMCR, striped racer

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0700: Crew started work, started monitoring for wildlife.

0700-1445: Relocated approximately 100 western toads and tree frogs out of the work area.

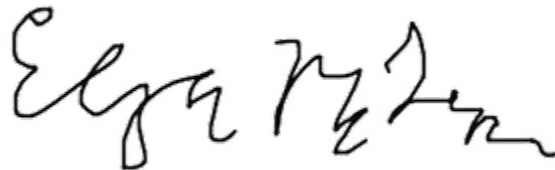
1445: Crew stopped work for the day.

1500: Left site.

Additional Comments

N/A

Signature





WesternToads_to_relocate.jpg
-118.17583586111111 34.18666341666666



Vegetation_clearing_after_facingE.jpg
-118.1764924555556 34.18684589722222



Vegetation_clearing_after_facingS.jpg
-118.1756328055557 34.18746175



Vegetation_clearing_after_facingW.jpg
-118.17362925 34.186757138888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Joshua Harris
Company: ECORP
Date of Log: September 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:37	72 °F	0-3 MPH	10 %
End of Day	15:30	84 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation removal and grading
2. Three dozers, one front loader, one grader, three water trucks
3. Los Angeles Public Works; nine crew members

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CORA, RCPA, Coastal whiptail, western toads, California tree frog

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Meet Lauren onsite.

0700-0950: Lauren spent an hour with me to ensure I was prepared for monitoring. Rest of time was split between two dozers rescuing western toads and tree frogs. During this time there were three dozers and three water trucks working.

1130: Lunch.

1230: Return from lunch.

1418: Continued following the equipment removing vegetation but there was a decrease in animals needing to be rescued. 1500: Crew begins to exit the basin. I continue to fill out my monitoring log.

1530: Leaving site.

Additional Comments

N/A

Signature





Dozer_removing_vegetation_facing_south.jpg



Water_truck_watering_vegetation_facing_south.jpg



All_three_dozers_and_water_truck_working_facing_south.jpg



Dozer_continuing_to_remove_vegetation_facing_east.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	68 °F	0-3 MPH	60 %
End of Day	15:00	82 °F	7-9 MPH	90 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing.
2. Three dozers, two water trucks.
3. Crew of five from Los Angeles public works.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, western toad, tree frog, CORA, BLPH, SOSP, KILL, GBHE, RTHA, common side-blotched lizard, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Arrived on site.

0740: Crew started work.

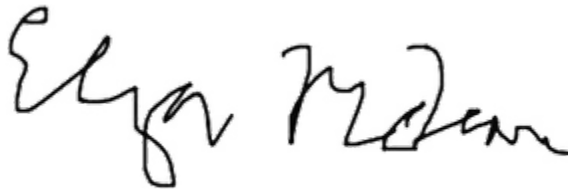
0740-1500: Monitored vegetation removal, relocated three western toads and one western fence lizard out of work area.

1500: Crew finished work for the day; left site.

Additional Comments

N/A

Signature





Vegetation_clearing_after_facingSW.jpg
-118.17278315833333 34.19103615277778



Vegetation_clearing_after_facingS.jpg
-118.17303560277779 34.19107286111111



Vegetation_clearing_after_facingSE.jpg
-118.17350636944445 34.19083311944444



Vegetation_clearing_after_facingNW.jpg
-118.17367625 34.18682870833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	65 °F	4-6 MPH	100 %
End of Day	15:00	80 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing
2. Two dozers, one water truck
3. Crew of three from Los Angeles public works

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BLPH, RCPA, CALT, western toad, treefrog, CORA, California ground squirrel, KILL, CASJ

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0715: Crew started work.

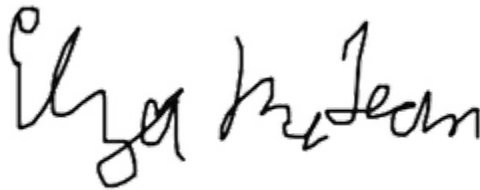
0715-1500: Monitored vegetation removal, relocated about 20 western toads and treefrogs out of the work area.

1500: Crew finished work for the day; left site.

Additional Comments

N/A

Signature





Vegetation_clearing_after_facingS_2.jpg
-118.17244105 34.19238236111111



Vegetation_clearing_after_facingS_1.jpg
-118.17288190555556 34.19172721111111



Remaining_vegetation_end_of_day_facingNW.jpg
-118.17259337222222 34.19114459444444



Vegetation_clearing_after_facingSW.jpg
-118.172595 34.1911431

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill coumoutso
Date of Log: September 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	100 %
End of Day	15:00	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Vegetation clearing, grading "road", removing dirt Equipment: excavator, Bulldozer, dump trucks, skip loader

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, RSHA, RTHA, TUVU, BLPH, ANHU, SPTO, CALT, ACWO, CAQU, CASJ, CATH, CAKI, WIWA, RCPA, Side-blotched lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Vegetation removal, grading to make a road for dirt removal north end, making debris piles for removal, dirt removal via excavator and dump trucks.

Additional Comments

N/A

Signature





Vegetation_removal_face_N.jpg
-118.1725852500001 34.191593999999995



Grading_facing_east.jpg



Dump_truck_hauling_dirt_faceNW.jpg



Making_debris_piles_for_removal_faceE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: September 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	0 %
End of Day	15:00	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Grading, removal of debris piles, removal of sediment

Equipment: skip loader, excavator, bulldozer, Water trucks, dump trucks

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, BUSH, WREN, CALT, CASJ, ANHU, ACWO, RSHA, HOFI, CORA, KILL, BLPH, RCPA, Side-blotched lizard, California ground squirrel, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Coyote wondering north end before machinery got there. Grading, debris pile removal, sediment removal, light vegetation removal

Additional Comments

N/A

Signature





Grading_facingW.jpg

-118.17248540833334 34.191933999999996



Debris_pile_removal_facingW.jpg



Forming_debris_pile_for_removal_facingSW.jpg
-118.17228822222222 34.19201881666666



Hauling_dirt_offsite_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: September 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	59 °F	0-3 MPH	10 %
End of Day	14:45	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Vegetation clearing and grading with two CAT D8 dozers, loading sediment into several haul trucks with one excavator

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, BUSH, CATH, COYE, ANHU, CASJ, CALT, CORA, NOMO, HOFI, BEWR, RTHA Coastal whiptail (Status: SCC), common side-blotched lizard, western toad, western fence lizard, wood rat (midden), California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0715: Dozers, excavator drives down to basin and begins work.

0715-1445: Biologist monitored ground disturbances activities (vegetation clearing and grading with dozers, loading sediment into haul trucks with excavator), relocated two western toads.

1445: Excavator, dozers, trucks begin to demobilize to staging area.

1455: Depart site.

Additional Comments

N/A

Signature





DozerGradingSediment_FacingW.jpg
-118.17246975 34.19161825



ExcavatorLoadingSediment_FacingS.jpg
-118.17392566666668 34.18800154722222



WaterTruck_FacingW.jpg
-118.17247440555556 34.19161308333333



WaterTruckHeavySpraying_FacingW.jpg
-118.17135263888889 34.19305519444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: September 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	5 %
End of Day	14:50	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Vegetation clearing with one skid steer, grading with two D8 dozers, loading sediment into several haul trucks with one excavator and one front end loader

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, KILL, BLPH, BUSH, CATH, ANHU, CASJ, CALT, CORA, NOMO, HOFI, BEWR, Coastal whiptail, common side-blotched lizard, western fence lizard, wood rat (midden), California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0725: Dozers, excavator drives down to basin and begins work.

0725- 1445: Biologist monitored ground disturbances activities (i.e. vegetation clearing with a skid steer, grading with dozers, and loading sediment into haul trucks with excavator and front end loader). One western fence lizard casualty was observed while monitoring vegetation removal.

1500: Depart site.

Additional Comments

N/A

Signature





DozerGrading_FacingE.jpg
-118.17166203333333 34.192993625



ExcavatorLoadingSediment_FacinS.jpg
-118.17488635000001 34.18823219444444



LoaderLoadingSediment_FacingS.jpg
-118.1748182222223 34.1876051277777



SkidSteerClearingVeg_FacingNE.jpg
-118.1710897361111 34.194358611111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: September 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	0 %
End of Day	15:00	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Sediment removal, grading, skip loader, excavator, dump truck, bulldozer, water truck

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CORA, RODO, BEWR, CASJ, HOFI, BLPH, WREN, CAQU, KILL, Red-crowned parrot, Desert cottontail, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Sediment removal and grading

Additional Comments

N/A

Signature





Grading_facingSE.jpg
-118.17162863888889 34.193655944444444



Sediment_removal_facingNW.jpg
-118.17373555555557 34.186552044444444



Grading_moving_sediment_FacingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: September 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	15:17	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Vegetation clearing, hauling dirt, creating channels along base of slope along East and West side.
2. Bulldozers, one front loader, two water trucks, two dump trucks, one skid steer, one road cleaner (broom bear).
3. Ron (superintendent).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, KILL, Amazonia sp., CALT, TUVU, CATH, SOSPO, CASJ, NOMO, ACWO, HOFI, ANHU, Western honey bee, yellow jacket, common side-blotched lizard, western fence lizard, cottontail, California ground squirrel, COHA, coastal whiptail,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, met Carter (CW). Conducted pre-construction site sweep.

0700: Crew arrived on site began moving dirt with bulldozers in basin at northern end.

0800: Spoke with Ron about the day's plans.

0805: Front loader loading dump trucks.

0820: A bulldozer began removing vegetation along East and West side of the basin. CW monitored East edge and I monitored the west.

0900: Excavator loading dump trucks.

0929: Observed coastal whiptail (location details in Field Maps) relocated to West bank from 'island' during ground disturbance activities.

0950: Carter conducted entry road sweep to check for wildlife, departed site.

1003: Observed juvenile coastal whiptail, relocated to West Bank from 'island' during ground disturbance activities.

1220: Conducted wildlife sweep on entry road way. Checked in with the dozers in three different areas (two in the north, one in the east, one in the west).

1300: Conducted roadway sweep of exit ramp and second entry road (further south) than first entrance road.

1500: Ground disturbance finished for the day.

Additional Comments

N/A

Signature



Dozer_channel_westslopefooting_092222.jpg
-118.17345873611112 34.19096972222222



BulldozerchannelalongEside_092222.jpg
-118.1739856388889 34.187950861111105



ChannelalongWedge_092222.jpg
-118.17620609722222 34.188800055555554



Excavatorloadsdumptrucks_092222.jpg
-118.17426882222223 34.18785979166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: September 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	5 %
End of Day	15:00	91 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Grading and creating channels, sediment removal

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, SPTO, KILL, SOSP, CAQU, CATH, CASJ, BEWR, BLPH, ANHU, LEGO, HOFI, RSHA, ACWO, CORA, RCPA, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Remove sediment, create channels, grading, compile dirt

Additional Comments

N/A

Signature





Grading_channels_facingW.jpg
-118.17154106111111 34.19258297222222



Grading_channels_facingNW.jpg
-118.17119722222223 34.19366897222222



Sediment_Removal_facingW.jpg
-118.17374378611112 34.18658415555555



Grading_moving_dirt_facingW.jpg
-118.17164397222223 34.192532611111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	69 °F	0-3 MPH	2 %
End of Day	15:00	95 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Grading
2. Four dozers, one water truck
3. Dozer and water truck operators from Los Angeles (LA) public works.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, SOS, CORA, RTHA, CAKI, MODO, CALT, common side-blotched lizard, western tiger swallowtail, California ground squirrel, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

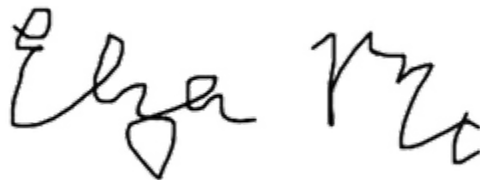
0645: Arrived on site.

0715: Dozers started moving into reservoir.

Additional Comments

N/A

Signature





Grading_facingS.jpg
-118.17099951944445 34.19493880555555



Piling_soil_for_removal_facingSE.jpg
-118.172698675 34.19198347222222



Excavator_loading_dirt_facingW.jpg
-118.17447733333334 34.18627319444444



Grading_end_of_day_facingSW.jpg
-118.17073148333334 34.19411075

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	72 °F	0-3 MPH	0 %
End of Day	15:00	97 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Grading
2. Four dozers, one water truck
3. Dozer and water truck operators from Los Angeles (LA) Public Works

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CORA, CALT, RUHU, HOFI, DEJU, SOSP, CASJ, RTHA, WCSP, BUSH, MODO, common side-blotched lizard, western fence lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0710: Dozers started moving into reservoir.

0710-1500: Monitored grading.

1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Grading_N_reservoir_facingW.jpg
-118.17025458333333 34.194647930555554



Grading_middle_reservoir_facingSW.jpg
-118.17146448888889 34.192810444444444



Dirt_removed_from_reservoir_facingS.jpg
-118.1761196777778 34.18910481388889



Grading_end_of_day_facingS.jpg
-118.17095495555556 34.195082694444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: September 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	72 °F	0-3 MPH	0 %
End of Day	15:00	95 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Bulldozers moving sediment, compiling sediment, dump trucks hauling sediment off site. Water trucks on site.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CORA, COHA, CAQU, CASJ, SOSP, WREN, BEWR, WCSP, HOFI, ANHU, RCPA, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

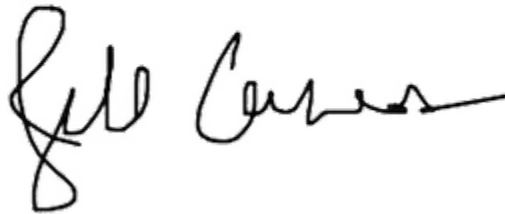
Log Entry

Grading, creating channels and moving sediment. Settlement removal and hauling offsite by dump trucks.

Additional Comments

N/A

Signature





Grading_making_channels_faceN.jpg
-118.17242793333334 34.19171856944444



Compile_sediment_faceSW.jpg
-118.1724766388889 34.19177409722222



Compiling_sediment_into_dirt_mound_faceSW.jpg
-118.17250446111112 34.19165727777777



Compiling_sediment_for_removal_faceW.jpg
-118.17370875 34.18656464166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: September 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	66 °F	0-3 MPH	0 %
End of Day	15:00	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Continuing to move sediment and compile into mounds for removal from site. Three bulldozers, skip loader, one excavator, two water trucks, dump trucks

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, RTHA, BEWR, OATI, CASJ, WCSP, CAQU, ACWO, CORA, HOFI, CALT, ANHU, RCPA, Side-blotched lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Continue to move sediment and compile into large mounds to get ready for removal from site.

Additional Comments

N/A

Signature





Excavator_on_compiled_sediment_facingSW.jpg
-118.17252375000001 34.19150463888889



Excavator_filling_dump_trucks_facingSE.jpg
-118.17287414722223 34.19197494444444



Bulldozer_compiling_sediment_facingW.jpg
-118.17187488055556 34.19254263888889



Bulldozer_on_sediment_pile_facingSW.jpg
-118.17157681666667 34.193039444444445

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	64 °F	0-3 MPH	100 %
End of Day	15:00	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Grading
2. Four dozers, one excavator, one water truck
3. Operators from Los Angeles (LA) Public Works

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, WCSP, SOSP, HOFI, RWBL, CASJ, RTHA, western toad, western fence lizard, common side-blotched lizard, desert cottontail, CA ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.
0710: Dozers headed into reservoir.
0710-1500: Monitored grading.
1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Excavator_loading_dirt_facingNW.jpg
-118.17279894444445 34.190950897222216



Dozer_piling_dirt_facingNW.jpg
-118.17243005555557 34.191757305555555



Grading_activites_facing_northeast.jpg
-118.1707730666667 34.19409333333333



Middle_reservoir_end_of_day_facingNE.jpg
-118.1734632500001 34.191404874999996

APPENDIX E

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: July 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	14:40	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal and irrigation system check.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: ROPI, CANG, LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, RCKI, MALL, ANHU, ALHU, OATI, ACWO, AMCO, SAPH, BLPH, RUDU, WREN, NOFL, EUST, RWSW, NRWS, BUSH, RTHA, AMRO, GBHE, COHA, BWST, GREG

Reptiles: western fence lizard, side-blotch lizard, southern Pacific rattlesnake

Mammals: desert cottontail, California ground squirrel

Amphibians: western road

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew members begin checking the irrigation system and conducting invasive species removal by hand-pulling in Johnson Field. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in Johnson Field.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Irrigation_check_Johnson_Field_facingS.jpg



Invasive_species_removal_Johnson_Field_facingSE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	13:30	73 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natutes image crew of 5 clearing vegetation and tarping up old vegetation piles.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, ASFL, SOSP, SPTO, CAQU, CASC, HOFI, WRTI, BRCO, BUOR.

Did You Observe any Non-Compliance Issues? Yes No

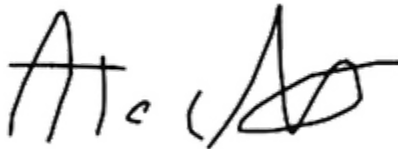
Log Entry

0645 surveyed work area while crew set up. 0700 monitored vegetation clearing in DG-4. Primary target was mustard and Conium which is starting to dry out. Crew continued pulling until 1330.

Additional Comments

N/A

Signature





VegRem_before_facingW_.jpg
-118.174435 34.19242991666666



VegRem_during_facingW.jpg
-118.17443878888889 34.1924297222222



VegRem_during_facingW_.jpg
-118.17439194444445 34.19250861111111



VegRem_after_facingW.jpg
-118.17443072222223 34.1924614

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: July 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	20 %
End of Day	14:50	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools and one line trimmer.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos and Scott Ross as crew leads.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: ROPI, CANG, LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, RCKI, MALL, ANHU, ALHU, OATI, ACWO, AMCO, SAPH, BLPH, RUDU, WREN, NOFL, EUST, RWSW, NRWS, BUSH, RTHA, AMRO, NOMO

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: Desert cottontail, California ground squirrel

Amphibians: Western road

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0645: Safety tailgate.

0655: Crew members begin conducting invasive species removal by hand-pulling in Johnson Field. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in Johnson Field.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_species_removal_Johnson_Field_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	4-6 MPH	100 %
End of Day	14:50	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/weed abatement
2. Hand tools (hoes) and hand weeding
3. Gothic crew of nine plus Caesar Olmos

Did you observe any special-status species? Yes No

No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: GREG, CALT, BLPH, AMCR, SOSP, RCPA, NRWS, KILL, GBHE, BEWR, HOFI, ALHU, CORA, CLSW, CASJ, ACWO, CAKI, SPTO, COHA, WTSW, CAQU, BHGR, RTHA, NUWO

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Mammals: Ground Squirrel, Audubon's Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0900: Crew broke for break.

0912: Heard a distant COHA; unable to identify location.

1118: Observed a Coastal Whiptail on the edge of Johnson Field.

1120: Crew broke for lunch.

Additional Comments

Reservoir was drained over the holiday weekend and as a result, bird activity in the immediate area was significantly reduced. Nearly no waterbird presence and a highly reduced swallow presence. The willow formerly containing NUWO nest one had several large branches fall off, presumably over the weekend. All marked nesting in the tree had been finished at this point, and while some of the fallen branches had woodpecker cavities, no deceased birds were found. Extensive termite damage on some of the branches.

Signature





Drained_basin_facingSW.jpg
-118.17360231666667 34.18706373888889



Crew_working_bank_near_DG-2_facingN.jpg
-118.17315959444444 34.18822046666664



Hydroseed_layer_after_weeding_facingW.jpg
-118.17315781666667 34.18831175



Broken_willow_branches.jpg
-118.17151664722223 34.1905174027777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	14:10	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four removing vegetation by hand pulling, hand tools, and weed whacking and two crew members fixing irrigation leaks.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ORWA, MODO, CASJ, CAQU, COYE, BARS, BUOR, CORA, WREN, ACWO, NOMO, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: I conducted a nesting bird survey prior to vegetation clearing.

0715: Crew began pulling vegetation in DG-4 at the north end. I continued the nesting bird survey moving south of the crew until 0900.

0915: I monitored vegetation clearing, the crew began using weed whackers for removal.

1230: Half the crew began tarping and removing vegetation piles for the day and two people stayed on weed whackers.

0215: Crew stopped pulling/cutting and began cleanup for the day.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read 'Alec Mang', with a long horizontal line extending to the right.



VegetationRemoval_before_facingS_.jpg
-118.17178586944445 34.19457138888889



VegetationRemoval_during_facingS_.jpg
-118.17180321111111 34.19456938888889



VegetationRemoval_during.jpg
-118.17177140000001 34.19449597222222



VegRemoval_after_facing_S.jpg
-118.1717698 34.19448593055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	13:55	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling in DG-4B, focusing on visable areas near parking lot and trails.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, MODO, CALT, BUSH, RTHA, CORA, ANHU, SOSP, ACWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I performed a nesting bird survey in the planned work area and surrounding area.

0700: Crew began pulling vegetation, I continued the nesting bird survey.

0800: Monitored vegetation removal. The crew removed hemlock and mustard, mostly hand pulling and some cutting tools.

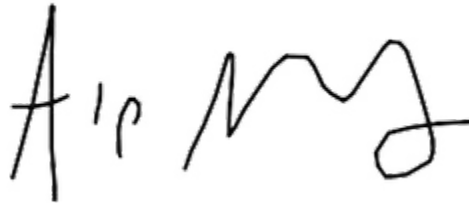
1215: I searched the surrounding area for nesting birds.

1355: Crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to read 'Alec Mang'. The signature is written in a cursive, somewhat stylized font.



VegetationRemoval_before_facingN_.jpg
-118.1752916388889 34.1920029



VegetationRemoval_after_facingN_.jpg
-118.17522276111112 34.19194983333333



VegetationRemoval_during_facingE_.jpg
-118.17512569444445 34.19199706944444



VegetationRemoval_after_facingE_.jpg
-118.1750756388889 34.1919779888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	0 %
End of Day	14:30	88 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Vegetation clearing and weed abatement using hand tools and hand weeding, Gothic crew of 10 plus Caesar Olmos.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: YEWA, SPTO, SOSPO, KILL, CORA, NRWS, ALHU, HOFI, RCPA, CASJ, CALT, ANHU, RTHA, BUOR, COYE, NUWO, CAQU, LEGO

Herps: western fence lizard, side-blotched lizard, coastal whiptail, western toad

Mammals: California ground squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0704: Yellow warbler observed in the willow grove immediately south of the parking area adjacent to the side drainage.

0900: Crew broke for break

1015: CAQU nest discovered (likely old / abandoned)

1140 crew broke for lunch

Additional Comments

Dodder growth is starting to become out of hand in the middle portion of DG-2 and Johnson Field. Some young willows and cottonwoods are displaying distress as a result of dodder growth. I expressed this to the crew, and hand removal was started along the trail running through the middle of DG-2, with a focus with removing dodder from the young, planted trees.

Signature





Crews_working_on_bank_near_DG-2_facingN.jpg



High_dodder_growth_DG-2.jpg



CAQU_nest_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	40 %
End of Day	15:00	83 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSP, CASJ, HOFI, CORA, ALHU, SPTO, MODO, ACWO, KILL, CAQU, AMCO, WREN, BUSH

Reptiles: Western fence lizard, side blotch lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work in Johnson Field.

0900: Crew takes a break.

0915: Crew returns to work. Part of the crew works on the western side slope.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Tall_evening_primrose_Johnson_Field.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	10 %
End of Day	13:30	83 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling vegetation in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, BUSH, CASJ, CALT, ACWO, CATH, HOFI, TRSW, BARS, WREN.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I began nesting bird survey in the planned work area. Crew began pulling at 0645 in the thin areas while I surveyed the dense areas.

0800: I monitored vegetation clearing.

1330: Crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW_.jpg
-118.17534152777779 34.19174902777774



VegetationRemoval_during_facingW_.jpg
-118.17530578888889 34.19169805555555



VegetationRemoval_during_facingW.jpg
-118.17539658333334 34.19172097222222



VegetationRemoval_after_facingW.jpg
-118.17551593055556 34.19171713055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	4-6 MPH	0 %
End of Day	15:00	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSP, CASJ, HOFI, CORA, ALHU, SPTO, MODO, ACWO, KILL, LEGO, BUSH, RTHA

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work in Johnson Field.

0700: Crew switches work area to the eastern side slopes.

0900: Crew takes a break.

0915: Crew returns to work. Juvenile RTHA are circling overhead.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Crew_sideslopeW_facingNW.jpg
-118.17369936111112 34.19086709444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: July 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	13:30	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image with Raul at the helm of crew of five. Oscar, Raul, Linda, Genero, Ed. Hand pulling weeds, mostly pepperweed and mustard.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA pair, BHGR and fledglings, CSJA and fledglings, CALT and HOFI with fledglings, ANHU, ALHU, COHA (juvenile call), MODO, CAKI, OATI, SPTO, DEJU, RSHA, RTHA, LEGO, BUSH, HOOR, lots of western toadlets still around, NOMO, side-blotched lizard, western fence lizard and 5 whiptails. They seem to really like the weeded, sandy areas, or they are much easier to see. Head to tail they are easily 1' long. RTHA pair and juvenile screaming overhead. I think we have a YEWA nest in a willow.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Walked through weeding area DG-4 (south of, adjacent to parking/staging area) checking for nest. Lots of bird activity in the trees here, but no nests found.

0700: Crew starts weeding. A yellow warbler pair is in this stand staying high in the canopy and foraging in oaks, eucalyptus, and willow. They seem undisturbed by weeding activity. Checked on BEWR-02 nest from May, nothing found. BUSH-03 nest is gone. All day continued south and west, hand-pulling. I checked on old nests in the area south. There may be a YEWA nest near BUSH-9. A female was very agitated and chipping up in the canopy of a willow. Two young jays were investigating the area and she was not happy. she quieted when they left. I did not find anything. she is probably the same female I saw earlier slightly north. The area had already been weeded.

1200: I walked south. One irrigation box by the trail is occupied by bees (see pic). I heard the juvenile COHA. Eight cowbirds in one trap. Six or seven females. One CALT. Reservoir dry, no puddles. Crew stops pulling at 1330. Will take post-weeding pic tomorrow.

Additional Comments

humid today!

Signature





photo1_looking_south_pre-weed.jpg
-118.1756661 34.1917511



photo_2 Amazing_field_of_tall_primrose_in_restoration.jpg
-118.17728080555555 34.18990619444444



photo3_looking_west_pre-weed.jpg
-118.17553319444445 34.19161369444444



photo-4_example_of_one_irrigation_box_occupied_by_honey_bees_along_trail_bees_entering_small_hole.jpg
-118.1768325 34.19103219444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	4-6 MPH	0 %
End of Day	15:00	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSP, CASJ, HOFI, CORA, ALHU, SPTO, MODO, ACWO, KILL, LEGO, BUSH, RTHA, COHA, WREN

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the western side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

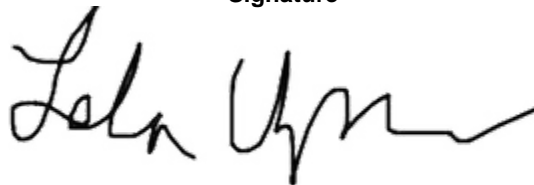
1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Crew_sideslopeW_facingE.jpg
-118.1751132666667 34.19005316111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: July 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	58 °F	0-3 MPH	90 %
End of Day	14:00	82 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image Foreman Raul Fernandez and crew Linda, Ed, Genero, Ryan, Oscar hand pulling weeds, shovels. Irrigation checks today.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, BEWR, BHGR, BGGN, OATI, MODO, HUVI, ACWO, NUWO, CSJA, ANHU, ALHU, BUSH, HOFI, COHA and two fledglings, WREN, LEGO, Western toads, SPTO, fledged RTHA, fledged BGGN, YEWA, COYE, CORA, BTPI, PSFL, CALT, CATH, 3' long California striped racer (*colubra lateralis*)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew continues south along the west perimeter DG4, under trees. I check old nests, CALT-13, its empty, and remove buffer flags. I do not see any YEWA activity so it is unlikely there is a nest here as I surmised yesterday. SOSP-05 discovered 5/3, no longer nesting. 0830 break I walk south document nests/species. Saw 2 COHA juveniles in the nest stand and take another point under the nest, which has downy feathers on it and lots of whitewash below. 1000 crew making good progress. I clear CALT-12, not seen but there is no activity nearby. Continue south along the west perimeter.

Additional Comments

I heard bushtit alarm calls just before a Cooper's Hawk flew over head. I found a pile of CAQU feathers in in the area, good evidence of COHA predation. The ground is alive with toadlets, fence, side-blotch lizards! The tall evening primrose is a wonderful pollinator plant, full of bees and tens of hummingbirds.

Signature





photo1_post-weeding_from_yesterday_DG4_looking_west_19000_sq_area_of_weeds_removed.jpg
-118.1762546000001 34.1916301



photo_2-pre-weeding_continue_south_and_along_west_perimeter_DG4.jpg
-118.17602780555556 34.19136780555555



photo_3_piles_and_piles_of_senesced_poison_hemlock_and_mustard.jpg
-118.1761885000001 34.19129069444444



photo_4 post-weeding_looking_west.jpg
-118.1704529 34.1902214

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	15:00	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSPO, CASJ, HOFI, CORA, ALHU, SPTO, MODO, ACWO, KILL, LEGO, BUSH, RTHA, COHA, WREN, COYE, ANHU

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the western side slopes targeting lambs' quarters, smartweed, mustard, pepperweed, and horsetail.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Weeding_sideslopeW_facingW.jpg
-118.17541480555556 34.18950944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:15	85 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling vegetation in DG-4 and DG-5 along the trail.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, BLPH, RTHA, SOSP, CALT, ACWO, MODO, WEKI, TRSW, SPTO, TUVU, CORA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I performed a nesting bird survey and cleared the area for work.

0645: The crew began pulling vegetation and I continued nesting bird survey, moving South of the crew.

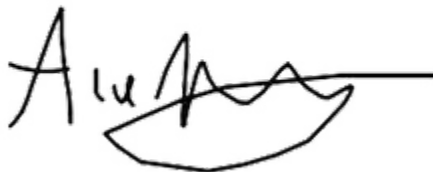
1000: I continued monitoring vegetation clearing.

0215: The crew stopped pulling and starting cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingE_.jpg
-118.17633952777778 34.19120216666666



VegetationRemoval_during_facingS.jpg
-118.17661322222223 34.19128413888888



VegetationRemoval_during_facingS.jpg
-118.17695691666667 34.19071108333333



VegetationRemoval_after_facingS.jpg
-118.17634281944444 34.1912016

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	0 %
End of Day	14:30	84 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/weed abatement
2. Hand tools (hoes/shovels) and hand pulling
3. Gothic crew of nine plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CORA, RCPA, NUWO, SOSP, ANHU, ACWO, HOFI, LEGO, NRWS, BEWR, SPTO, YEWA, RTHA, ALHU, BARS, CLSW, CASJ, MODO, RSHA, CAQU, COHA

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Mammals: Ground Squirrel, Audubon's Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0743: Observed a YEWA calling/foraging on the edge of the willows on the bank adjacent to DG-4.

0845: Crew broke for break.

1030: Public Works and one unmarked van drove by the parking area and further into the site for unknown purposes

1056: Spotted Towhee nest discovered near the top of the west side driveway adjacent to the footpath immediately after the bridge.

1145: Crew broke for lunch.

1240: Observed two fledged Cooper's Hawks begging for food from nearby adult near DG-2.

Additional Comments

N/A

Signature





Crew_weeding_bank_near_DG-4_facingN.jpg
-118.17646368333334 34.18883924166666



SPTO_nest_and_nestlings.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: July 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	4-6 MPH	0 %
End of Day	13:45	89 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four hand pulling weeds in DG-4; foreman Raul.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, ANHU, CASJ, SPTO, MODO, RCPA, HOFI, RTHA, ACWO, BEWR, BUOR, CALT, ROPI, LEGO, BARS, SAPH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, performed a nesting bird survey near where crew is planning to work. Found two inactive nests from this year.

0700: Cleared crew to work. Work area was far northern area of site (DG-4) in the lowland mulefat adjacent to the basin. Primary targets were 6-ft Conium and spent mustard which had not dropped seed yet.

0800: Closed several inactive nests nearby on collector.

1200: One crew member pivoted to working specifically on root removal for large pepperweed individuals (pictured).

1330: Crew began wrapping up pulling while I photographed site.

Additional Comments

N/A

Signature





photo_1-20220715-pre_weeding_facingN.jpg
-118.1720406777779 34.194091944444445



photo_2-20220715-post_weeding_facingN.jpg
-118.17202986944444 34.19412872222222



photo_3-20220715-overall_progress_facingN.jpg
-118.171800575 34.194242499999994



photo_4-20220715-large_roots_facingN.jpg
-118.17179569444446 34.194247666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	13:30	88 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/weed abatement
2. Hand tools (hoes/shovels) and hand pulling
3. Gothic crew of five plus Jonathan
- 3.

Did you observe any special-status species? Yes No

No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RTHA, LEGO, HOFI, NUWO, CALT, COHA, COHA, BEWR, CASJ, BUSH, CATH, RCPA, MODO, ALHU, COYE, SOSP, CAQU, ANHU, BARS, BHGR, CORA, CLSW, NRWS, GREG, ACWO, YEWA, BLPH

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard

Mammals: Ground Squirrel, Audubon's Cottontail, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0701: heard the young Cooper's Hawk vocalizing (begging) in the same general area as yesterday. There was likely a nest in one of the trees located along the houses at the top of the hill, which would be corroborated by the repeated observation of Cooper's Hawks flying over the site towards the houses. Nest was likely well outside of the mitigation areas, although the newly fledged young seem to be hanging out in the oaks along DG-2.

0830: Crew broke for break.

1019: Cooper's Hawk seen perched in Oak above dam.

1130: Crew broke for lunch.

Additional Comments

Water is flowing through the channel south of the staging area and into the basin. No anticipated impact on work occurring on banks unless basin fills with a significant volume of water.

Signature





Crew_weeding_along_bank.jpg
-118.17667826388889 34.18823492222222



Water_flowng_from_side_channel_facingW.jpg
-118.17355263888889 34.18677027499999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: July 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	15 %
End of Day	13:45	91 °F	10-12 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4 just east of the California sage scrub (CSS) area at the far northern part of the site.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MOD0, LEGO, CASJ, HOOR, ALHU, NOMO, BEWR, HOFI, CALT, CATH, desert cottontail, CORA, ANHU, SPTO, BCHU, CAQU, AMCR, RSHA, ACWO, EUCD, BGGN, desert cottontail, California ground squirrel, western fence lizard, Western toad, common side blotched lizard, coastal whiptail. Lots of newly hatched lizards.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0650: Crew began weeding the area described above. Primary targets were Conium and mustard that were occupying areas between mature mulefat plants. Lots of CASJ activity in recently weeded areas foraging for grubs. Two more inactive nests found today.

0930: Crew member called me over because they heard an animal hissing at them, possibly a feline. Told him to avoid the area and watched it from the bluff on and off throughout the day, saw nothing. Surveyed it on foot and told crew they were okay to return there at lunch.

1230: Took bi-weekly photo points.

1330: Crew began wrapping up pulling while I inspected the site and took photos.

Additional Comments

N/A

Signature





photo_1-20220718-pre_weeding_facingS.jpg
-118.17197643333334 34.19398725



photo_2-20220718-post_weeding_facingS.jpg
-118.17197797222222 34.19403508333333



photo_3-20220718-daily_piles_facingE.jpg
-118.17344585277779 34.19400448333333



photo_4-20220718-progress_overview_facingN.jpg
-118.17219460000001 34.19422269444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	30 %
End of Day	15:00	90 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSPO, CASJ, HOFI, CORA, SPTO, MODO, ACWO, KILL, LEGO, BUSH, RTHA, RSHA, COHA, ANHU, LEGO

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the western side slopes targeting lambs' quarters, smartweed, mustard, pepperweed, and horsetail.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Weeding_crew_sideslopesW_facingSW.jpg
-118.17660466666668 34.18772033888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: July 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	13:45	93 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds and using a weed whacker in DG-4/DG-4A on the north side of the project area.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BGGN, ANHU, LEGO, CALT, AMCR, CASJ, NOMO, HOFI, CAQU, WREN, MODO, CAKI, BEWR, RSHA, ACWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Performed a nesting bird survey while crew set up. Did not locate any new nests.

0650: Crew continued work in the far northern area of DG-4 near the large grove of Salix that is adjacent to the California sage scrub (CSS). Crew pulled mustard and Conium heading South. One crew member using a weed whacker. Crew was advised to avoid any phacelia that was in the area; even though dry it resprouts in spring.

0930: Crew began moving into the shade under the willow grove. Similar target species.

1200: Two crew members began weed whacking the adjacent upland plateau of DG-4A. Primary targets were mustard, Chenopodium album, Lepidium latifolium; native coverage <1%.

1330: Crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20220719-pre_weeding_facingN.jpg
-118.17222552777778 34.19415644444444



photo_2-20220719-post_weeding_facingN.jpg
-118.17227579444445 34.194036749999995



photo_3-20220719-weedwhacking_facingE.jpg
-118.1723975 34.19353712222222



photo_4-20220719-post_weedwhacking_facingE.jpg
-118.1724185 34.19364997222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	4-6 MPH	0 %
End of Day	15:00	92 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSP, CASJ, HOFI, CORA, SPTO, ACWO, LEGO, RTHA, RSHA, COHA, ANHU, ALHU, YEWA, BLPH

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad, tree frog

Mammals: California ground squirrel, cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on the western side slopes targeting lambs' quarters, smartweed, mustard, pepperweed, and horsetail.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Weed_piles_sideslopeW_facingSW.jpg
-118.1767096388889 34.186606211111105



Western_giant_swallowtails_sideslopeW.JPG
-118.17656111111111 34.18697777777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: July 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	30 %
End of Day	14:00	89 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling and weed whacking in DG-4A and DG-4

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, YEWA, MODO, WREN, BHGR, CALT, CATH, CASJ, RCPA, LEGO, CAQU, ANHU, SOSP, HOOR, CORA, NUWO, YEWA, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0700: Crew began weeding on the farthest northern area of DG-4A on the site, the artificial bluff. Two crew members used weed whackers to target mustard and Conium maculatum, while the rest focused on digging out the larger, thicker Chenopodium album in the area.

1030: Brief safety meeting on the use of chainsaws led by Raul (Crew was not using chainsaws today).

1200: Crew was making it south to DG-4. Weed whackers were not used in the thicker areas that had been planted. Surveyed ahead of crew.

1350: Crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20220720-pre_weeding_facingS.jpg
-118.17239041666667 34.19352101388888



photo_2-20220720-post_weeding_facingS.jpg
-118.17237775000001 34.19355106944444



photo_3-20220720-pre_weeding_facingE.jpg
-118.17257729444445 34.19322861111111



photo_4-20220720-post_weeding_facingE.jpg
-118.17254451666668 34.19322124999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	14:30	90 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/weed abatement
2. Hand tools (hoes, shovels) and hand weeding
3. Gothic crew of ten plus Caesar Olmos

Did you observe any special-status species? Yes No

No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, SPTO, CALT, BEWR, CORA, NRWS, BLPH, HOFI, LEGO, SOSP, ALHU, BGGN, YEWA, ACWO, HOOR, NUWO, BHGR, WEKI, CASJ, CAQU, COHA, BUSH

Herps: Western Fence Lizard, Side-blotched Lizard, Pacific Tree Frog, Western Toad, Coastal Whiptail

Mammals: Ground Squirrel, Audubon's Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Caesar held a safety meeting with the crew.

0816: Heard a YEWA by the mouth of the creek under the bridge.

0840: Saw a Coastal Whiptail at the top of the bank on the southern end of DG-4.

0850: Crew broke for break.

1000: Crew moved to southern end of the east bank.

1140: Crew broke for break.

Additional Comments

N/A

Signature





Crews_working_upper_portion_of_WestBank_facingN.jpg
-118.17690972222222 34.18610961111111



Young_Pacific_Tree_Frog.jpg
-118.17652656666667 34.18608502777777



Crew_working_lower_EastBank_facingNE.jpg
-118.174785 34.18588654444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSPO, CASJ, HOFI, CORA, SPTO, ACWO, LEGO, RTHA, ANHU, BLPH, COHA

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: California ground squirrel, cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on DG-2, targeting dodder, and weeds.

0900: Crew takes a break.

0915: Crew returns to work. Juvenile COHA calling overhead. They do not appear disturbed by the work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Signature





Leaning_yucca_DG-2_facingSW.JPG
-118.1710138888889 34.1933138888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	13:30	89 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five removing vegetation by hand and with one weed whacker in DG-4 and DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Coyote, CAQU, CALT, TUVU, RSHA, ACWO, BUTI, CORA, NOMO, BEWR, CASJ.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed for nesting birds.

0700: The crew began hand pulling vegetation, one crew member used a weed whacker.

0830: I finished nesting bird survey and continued monitoring vegetation clearing.

1330: Crew stopped pulling and began cleaning up.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW-140828.jpg
-118.17255394444445 34.19288278888889



VegetationRemoval_during_facingS-141008.jpg
-118.17256618055556 34.19319127777777



VegetationRemoval_after_facingW-193134.jpg
-118.1724895277778 34.1929666



VegetationRemoval_after_facingS-202950.jpg
-118.17284073055556 34.19315316666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Cesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CATH, SOSP, CASJ, HOFI, CORA, SPTO, ACWO, LEGO, RSHA, MODO, ANHU, BLPH, COHA

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: California ground squirrel, cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: The crew begins work on DG-2, targeting dodder, and weeds.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

Coastal whiptail detected

Signature





Juvenile_COHA_DG-2.JPG
-118.1699305555557 34.19450833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	25 %
End of Day	11:00	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six removing vegetation by hand in DG-4 and DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Coyote, SOSP, CALT, CASI, MODO, GRVI, CAQU, RTHA, TRSW, CORA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed for nesting birds and cleared the work area.

0715: The crew began pulling vegetation with one member on the weed whacker.

0830: Ended bird survey and continued monitoring the crew.

1100: Crew stopped pulling for lunch and spent the rest of the day with clean up and removal of vegetation piles.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW-135947.jpg
-118.17292333888889 34.19314991666666



VegetationRemoval_during_facingS-145256.jpg
-118.17285426111111 34.19310186111111



VegetationRemoval_during_facingN-174923.jpg
-118.17291006944446 34.192907461111105



VegetationRemoval_after_facingW-171012.jpg
-118.17294973888889 34.19317458333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	15:00	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, BARS, KILL, AMCO, MAKE, COHA, SPTO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, BEWR, BUSH

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include dodder, pepper weed, poison hemlock, grasses, mustard and erodium.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





DG-2_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	02:15	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling vegetation in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ANHU, RTHA, BEWR, SOSP, BLPH, CAQU, SPTO, CALT, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I performed a nesting bird survey and cleared the work area.

0700: The crew began hand pulling vegetation.

0800: I monitored vegetation clearing.

1415: The crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingE_135846.jpg
-118.1732509888889 34.19311430555554



VegetationRemoval_before_facingE-135909.jpg
-118.17320756944444 34.193074499999994



VegetationRemoval_after_facingE-191324.jpg
-118.17321558333335 34.19304751111111



VegetationRemoval_after_facingE-191432.jpg
-118.17322544444445 34.19314047222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	35 %
End of Day	15:00	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, BLPH, RSHA, AMCO, AMKE, COHA, SPTO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, BEWR, BUSH, WREN, BHGR

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: dodder, pepper weed, poison hemlock, grasses, mustard and erodium.

0900: Crew takes a break.

0915: Crew returns to work.

1005: Biologist finds the remains of a killed mallard. Potentially taken by a coyote.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





Mallard_remains_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	25 %
End of Day	02:15	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, BEWR, NOMO, CORA, TUVU, CAQU, ACWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

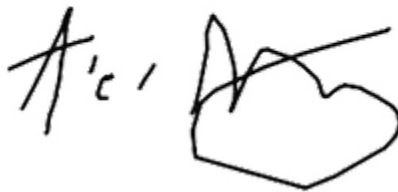
0630: I surveyed the area for nesting birds and cleared the area for work.

0645: The crew began pulling weeds, picking up where they left off on Monday. Crew pulled weeds until 1415 and then began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_FacingS-140931.jpg
-118.17327283888889 34.193163



VegetationRemoval_before_facingS-160729.jpg
-118.1735089 34.19349244444444



VegetationRemoval_after_facingS-190545.jpg
-118.1733098388889 34.19315973888889



VegetationRemoval_after_facingS-203519.jpg
-118.17324646111112 34.19338441666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: July 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	40 %
End of Day	15:00	87 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, RSHA, AMCO, MAKE, COHA, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, BUSH

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: dodder, pepper weed, poison hemlock, grasses, mustard and erodium. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





New_cuttings_planted_DG-2_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: July 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	50 %
End of Day	02:15	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, SOSP, WEKI, ACWO, CORA, AMCR, ANHU, COHA, LEGO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: The crew began pulling vegetation.

0800-1000: I surveyed for nesting birds moving Southwest of the crew.

0215: The crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW-135843.jpg
-118.17382783333333 34.19381215



VegetationRemoval_during_facingW-160744.jpg
-118.17380327777778 34.1938131



VegetationRemoval_after_facingW-204022.jpg
-118.17381326944445 34.193808666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: July 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	40 %
End of Day	13:30	88 °F	7-9 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image: Oscar, Genero, Ryan, Linda, Ed. Weed removal in the mining pit. Hand tools only. I meet Eliza (?) and Carla from Ecorp doing nesting bird surveys.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

W. toadlets still very small in the mining pit, ANHU, LEGO, COHA, male or juvenile calls from mining pit, ANHU, ALHU, many foraging on evening primrose stand in restoration, with AMGO, tiger swallowtail. YEWA (singing in forest South of primrose), BHGR, SPTO, ECDO, MODO, BGGN, BUSH, CALT, CATH, CAQU, HOOR, CSJA, BEWR, ACWO, NUWO, RTHA (pair), AMCR, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Take hand tools to west border of mining pit remove tall and dead hemlock and green pepperweed. I did not find any nests and again lots of juveniles and molting adults.

0830: I walk south and document 10's of hummingbirds foraging and protecting the still blooming tall evening primrose. It is spectacular! Crew continues south making significant progress.

1330: They stop pulling and bundle and load tarps to dumpster.

Additional Comments

The sun came in and out today, very nice with cloud cover. I saw a coyote as I drove down to the restoration. Lots of scat around the site.

Signature

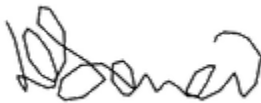




Photo1_example_of_the_open_understory_in_the_mining_pit_(DG-W2)_facing_south.jpg
-118.1743086 34.19331639999999



photo_2_pre-weeding_area_DG4C_facing_SE.jpg
-118.1742589 34.1933411



photo_3_tens_of_bundles_of_weeds_removed_from_weeded_area_DG4C_west_of_mining_pit.jpg
-118.17476269444445 34.193414499999996



photo4_example_of_post_effort_weeding_facing_SE.jpg
-118.17471930555556 34.1931819

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	20 %
End of Day	14:30	88 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Dodder removal and plant cuttings
2. Hand tools (hoe, shovels, trimmers) and hand pulling
3. Gothic crew of ten plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RTHA, ANHU, CASJ, HOSP, CALT, SPTO, RCPA, LEGO, BEWR, SOSP, ACWO, NUWO, MODO, BHGR, CAQU, COHA, CORA, BTPI, BLPH, BUSH, NOMO

Mammals: Audubon's Cottontail, Ground Squirrel

Herps: Western Toad, Western Fence Lizard, Coastal Whiptail, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0805: Heard a begging COHA from the trail; unable to determine exact location.

0840: Crew broke for break.

1108: Observed Coastal Whiptail along south entrance of bank.

1140: Crew broke for lunch.

1147: Spotted a Coastal Whiptail in Johnson Field.

Additional Comments

N/A

Signature





RTHA_perched_on_bank_facingN.jpg
-118.17263452777779 34.19066861111111



Dodder_removed_throughout_DG-2_facingN.jpg
-118.17233168055556 34.18979779444444



Young_willow_damage_from_dodder.jpg
-118.1723260277779 34.1899153055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: July 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	5 %
End of Day	11:00	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image Oscar is crew boss, Linda, Genero, Eduardo, Ryan. Hand tools, weeding and some dodder removal where impacting container plants. One checks irrigation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ANHU, CSJA, BHGR, HOFI, CALT, ALHU, CLSW, RCPA, CATH, BEWR, SPTO, WETA, LEGO, coyote runs across reservoir, fence and slide-blotched lizards, very large snake track across trail with western toad tracks in it. HOFI. 2 juvenile COHA are out of nest stand, one begging from trees across the resevoir and the other flying around. BUSH, BGGN, RCPA, BUSH, ATFL, BLPH, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew begins pulling just west of the totally dry reservoir in DG4. No nesting activity observed, NOMO2 nest is empty. Hummingbirds abound, may be some southbound migration occurring as well an multiple families. Most stakes planted here did not survive, but other planted plants doing well and established large trees/shrubs look vigorous. One crew checks irrigation. The birds are really enjoying the drip, bathing in it! Crew finishes pulling at 1100 for lunch, and will bundle and haul, so I am no longer needed.

Additional Comments

very pleasant day, temp wise. Lots of 1" lizards around indicating a healthy hatch.

Signature

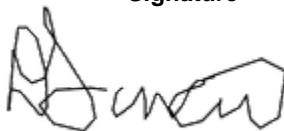




Photo1_NE_side_of_restoration_on_west_reservoir_berm_facing_S.jpg
-118.1726603055557 34.1928838055555



photo_2_post_weeding_facing_SE_note_numerous_bundles_of_weeds_and_cleared_border_and_interior.jpg
-118.17270119444444 34.19289769444444



photo_3_example_of_dodder_in_bloom_on_mulefat.jpg
-118.17303919444446 34.1929551



photo_4_example_of_very_prolific_blue_elderberries_and_seeds_in_mature_trees_along_reservoir.jpg
-118.17299819444445 34.19224969444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	5 %
End of Day	14:00	86 °F	4-6 MPH	2 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Pulling dodder from restoration areas and planting new cuttings
2. Hand tools (hoes, shovels, clippers) and hand pulling
3. Gothic crew of ten plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, CASJ, CALT, BEWR, ANHU, LEGO, HOFI, NUWO, SOSP, CAKI, CATH, CAQU, WEKI, ACWO, RTHA, CORA, BTPI, NOMO, BUSH

Mammals: Audubon's Cottontail, Ground Squirrel

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0840: Crew broke for break.

1140: Crew broke for lunch.

Additional Comments

N/A

Signature





Dodder_removed_from_heavily_infested_Baccharis.jpg
-118.1723585138889 34.18976668333333



Crews_working_DG-2_facingS.jpg
-118.17233192500001 34.18966880555556



Band_Tailed_Pigeons_Near_Johnson_Field.jpg
-118.17048713333334 34.19199720833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of six plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, LCPA, AMCO, COHA, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: dodder, pepper weed, poison hemlock, grasses, mustard and Erodium. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





Crew_DG-2_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	25 %
End of Day	14:00	88 °F	7-9 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, SPTO, DEJU, RTHA, MODO, ACWO, OATI, BEWR, CASJ.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the area for nesting birds.

0700: The crew began weeding.

0800-0930: I surveyed ahead of the crew looking for nesting birds.

1400: The crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW-135635.jpg
-118.17281056944445 34.192729288888884



VegetationRemoval_before_facingW-135740.jpg
-118.17282123055556 34.19265318055555



VegetationRemoval_after_facingW-161445.jpg
-118.17282251944445 34.19272569444444



VegetationRemoval_after_facingW-161228.jpg
-118.17277885 34.19268374999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, LCPA, AMCO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, SOSP, COHA

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field targeting dodder and invasive weeds. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





Dodder_removal_Johnson_Field_facingN.jpg
-118.17221297222223 34.19205808333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	14:00	88 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling vegetation in DG-4, DG-4 WOUS, and the mining pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Bobcat, CORA, ACWO, BLPH, MODO, SPTO, CALT, HOFI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Performed a nesting bird survey.

0730: I monitored vegetation clearing.

1215: The crew finished up in DG-4 WOUS and moved to the mining pit.

1400 the crew stopped pulling and began cleanup.

Additional Comments

Bobcat seen walking in the open, looking very skinny with an unhealthy coat.

Signature





VegetationRemoval_before_facingW-135117.jpg
-118.17350626944445 34.192136130555554



VegetationRemoval_before_facingW-135304.jpg
-118.17366418055556 34.192040511111111



VegetationRemoval_after_facingW-191551.jpg
-118.17350208333333 34.19215547222222



VegetationRemoval_after_facingW-191504.jpg
-118.17363080555556 34.192015138888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	15 %
End of Day	14:30	88 °F	7-9 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Watering new basins plus Fixing irrigation lines and Weeding/Removing dodder from Johnson Field
2. Hand tools (hoes, clippers) and hand pulling
3. Gothic crew and Ceasar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CORA, RCPA, SOSP, BEWR, CASJ, KILL, LEGO, CALT, HOWR, ACWO, ANHU, NUWO, CAQU, MODO, SPTO, SPTO, CATH, BUSH, BTPI

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Toad, Side-blotched Lizard, Western Fence Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Inspected new basins in DG-2 WOUS and monitored crews using hose to water new basins.

0730: Inspected new dodder growth in DG-2 to determine the need for repeated weeding's.

0800: Monitored crew weeding in Johnson Field and removed Tree of Heaven saplings growing along the trail.

0845: Crew broke for break.

1048: Observed a coastal whiptail in DG-2 WOUS.

1140: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_watering_new_basins_with_hose_facingS.jpg
-118.17302918611112 34.18848173333333



Crews_weeding_hirshfeldia_cuscuta_in_DG-W-1_facingSE.jpg
-118.1709950638889 34.19186186111111



New_dodder_growth_on_willow_weeded_last_week.jpg
-118.17232923888889 34.18987284999999



New_plantings_Johnson_Field_facingW.jpg
-118.17075566666666 34.191623730555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	25 %
End of Day	14:00	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4 and Mining pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, DEJU, ANHU, SPTO, CASJ, CORA, MODO, HOFI, SOSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the work area for nesting birds.

0650: The crew began pulling weeds in the mining pit. This area had been worked on before and has mostly healthy native plants with scattered hemlock and mustard.

1300: The crew moved south of the parking lot near DG-4.

1400: The crew stopped pulling and started cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_during_facingN_151445.jpg
-118.17435080555556 34.19335478888888



VegetationRemoval_before_facingN-151732.jpg
-118.17406133333334 34.19349458333333



VegetationRemoval_after_facingN-165920.jpg
-118.1740465555556 34.19347308333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	30 %
End of Day	15:00	89 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, LCPA, AMCO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, COHA, NUWO, BTPI, WREN, ANHU, MODO

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field targeting dodder and invasive weeds. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





Dodder_removal_JohnsonField_facingE.jpg
-118.17132553611111 34.19127971111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	25 %
End of Day	14:00	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Coyote, whiptail, CORA, HOFI, GBHE, AMCR, RTHA, MODO, SOSP, CAQU, ACWO, SPTO, CALT, CASJ.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed the work area.

0645: The crew began pulling weeds. I moved ahead of the crew looking for nesting birds.

0930: I monitored vegetation clearing.

1400: The crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingE-135945.jpg
-118.17501501111111 34.19155152777776



VegetationRemoval_during_facingS-140831.jpg
-118.17510601111111 34.19154769444444



VegetationRemoval_after_facingE-175659.jpg
-118.17498480555557 34.19151011111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	90 %
End of Day	15:00	89 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NÔMO, LCPA, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, BTPI, WREN, ANHU

Reptiles: Western fence lizard, coastal whiptail, alligator lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew finds injured baby alligator lizard on trail. Lizard seems stunned and his tail is missing but he seems okay. He is released into the grass.

0655: Crew works in Johnson Field targeting dodder and invasive weeds. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature

Lela Updegr



Injured_lizard_trail.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	100 %
End of Day	11:00	80 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Coyote, ACWO, WREN, CALT, CAQU, MODO, DEJU, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the area for nesting birds.

0645: The crew began pulling where they left off the day before.

1100: The crew stopped pulling and ended early for cleanup and safety meetings.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingW-141643.jpg
-118.17433430555556 34.19118455555555



VegetationRemoval_before_facingS-141708.jpg
-118.17418041666667 34.191232111111105



VegetationRemoval_after_facingW-164057.jpg
-118.17417618055556 34.19122491666666



VegetationRemoval_after_facingW-164013.jpg
-118.17418336944445 34.19122944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	0 %
End of Day	15:00	93 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, LCPA, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, WREN, ANHU, ATFL, PHAI, BLPH, LEGO

Reptiles: Western fence lizard, coastal whiptail, alligator lizard

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in Johnson Field targeting dodder and invasive weeds. Crew also works on planting new cuttings in basins.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to DG-2 to remove dodder.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature

L. L. L.



Dodder_removal_DG-2_facingW.jpg
-118.17223286111111 34.18951523888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: August 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	70 °F	0-3 MPH	0 %
End of Day	13:30	90 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five working in DG4 WOUS, hand pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, MODO, ANHU, ALHU, CASJ, CAQU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: Nesting bird survey for crew. cleared them to work in DG-4 WOUS weeding with hand tools.

1040: Finished walkthrough of the site with Michael and PowerPoint training, monitoring Natures Image crew removing weeds,

1200: Crew continuing to weed DG4 WOUS.

1330: Crew wrapping up, headed to dumpster while I take after photos, inspect site, complete daily log.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'J-M', written in a cursive style.



photo_1-20220808-before_weeding_facingS.jpg
-118.1741325555556 34.191829847222216



photo_2-20220808-after_weeding_facingS.jpg
-118.174104 34.19185316666666



photo_3-20220808-Before_weeding_facingS.jpg
-118.17412122222223 34.19213047222222



photo_4-20220808-after_weeding_facingS.jpg
-118.17416212500001 34.19212087499999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: August 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	73 °F	0-3 MPH	10 %
End of Day	14:00	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image(NI) crew of five working on irrigation prep and weeding in the tire wash.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, ANHU, SOSP, SPTO, HOFI, BEWR, NUWO, CASJ, BTPI, YEWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed the tire wash for nests, cleared crew to work.

0655: Crew began weeding the tire wash. Very low native cover, primary targets were mustard and *Dysphania botrys*.

0900: Crew began working on pipe fusion to connect tire wash irrigation to main irrigation lines.

1200: Two crew members broke off to mark locations of plants. Supervised and ensured spacing was correct.

1400: Crew wrapped up for the day and started hauling tarps from the morning.

Additional Comments

N/A

Signature





photo_1-20220809-pre_weeding_facingSW.jpg
-118.17813126666667 34.18657116111111



photo_2-20220809-post_weeding_facingSW.jpg
-118.17806119444445 34.18657329722222



photo_3-20220809-fusion_facingW.jpg
-118.17801444444444 34.18654718333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	72 °F	0-3 MPH	0 %
End of Day	15:00	94 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NÔMO, LCPA, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, HOWR, ATFL, ANHU, PHAI
Reptiles: Western fence lizard, coastal whiptail, alligator lizard
Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.
0640: Safety tailgate.
0650: Crew works in DG-2 targeting dodder and invasive weeds.
0900: Crew takes a break.
0915: Crew returns to work.
1200: Crew breaks for lunch.
1230: Crew returns to work.
1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed.

Signature





Dodder_removal_DG-2_facingNW.jpg
-118.17224015555556 34.190413344444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: August 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	71 °F	0-3 MPH	0 %
End of Day	14:30	91 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six planting in the tire wash and fusing pipe nearby in DG-4.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, NUWO, BUSH, YEWA, RCPA, BGGN, SPTO, SOSPO, BEWR, CEDW, ANHU, LEGO, ALHU, AMCR, ACWO, EUST, BUOR, CASJ, HOOR, HOFI, MODO, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Performed a nesting bird survey in DG-4 near the undercrossing that we are using for the irrigation line. Cleared crew to work.

0700: Crew of four began working on pipe fusion in the aforementioned area. Crew of two began digging holes in the tire wash. Monitored these efforts.

0900: Crew had finished both activities previously mentioned. Took delivery of 81 plants from CBG. Inventory matched the list that they provided.

0930: Placed plants so that they were appropriately spaced out.

1010: Crew began planting plants.

1300: Crew finished planting, inspected basins and watered them.

1330: Finished collecting for contract grow.

Additional Comments

N/A

Signature





photo_1-20220810-digging_facingN.jpg
-118.17828633333333 34.18683161944444



photo_2-20220810-fused_pipe_facingSW.jpg
-118.17738477777779 34.186728875



photo_3-20220810-new_plants_facingN.jpg
-118.17811363888889 34.186602611111105



photo_4-20220810-new_plants_facingS.jpg
-118.17840791666667 34.18695430555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	72 °F	0-3 MPH	0 %
End of Day	14:30	93 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/removing dodder/raking dead vegetation
2. Hand tools (shovels, hoes, rakes, clippers) and hand pulling
3. Gothic crew of nine + Ceasar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, RCPA, BEWR, BUSH, NUWO, ANHU, MODO, BTPI, CORA, LEGO, MALL, CAQU, CASJ, SOSP, ALHU, ACWO, HOFI, WETA, AMCR, SPTO, BHGR, BARS, COHA, RSHA

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew took part in a brief safety meeting.

0830: Observed COHA along upper trail next to houses.

0845: Crew broke for break.

1000: Observed Coastal Whiptail basking along trail along top of bank.

1020: Monitored crew cleanup of large dead vegetative material (mostly hemlock) from DG-2.

1145: Crew broke for lunch.

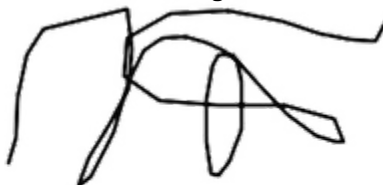
0145: Started updating remaining nests.

0200: Discovered an ACWO fledgling begging for food near an adult in an Oak along the trail bordering DG-2; possible nest.

Additional Comments

N/A

Signature





Crews_working_DG2_facingS.jpg
-118.17227481944445 34.19002433333333



ACWO_adult_and_fledgling_near_oak_cavity.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	2 %
End of Day	14:30	93 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement/dodder removal/general maintenance
2. Hand tools (shovels, hoes, rakes, clippers) and hand pulling
3. Gothic crew of eight plus Caesar Olmos plus Scott Rose

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, ANHU, BEWR, BLPH, WETA, CORA, CASJ, CAQU, BUSH, CALT, YEWA, ACWO, RTHA, BGGN, ATFL, MODO

Mammals: Audubon's Cottontail, Ground Squirrel

Herps: Western Fence Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew talk with Scott.

0700: Walked the mitigation sites with Scott and Ceasar to discuss progress and steps moving forward.

0926: Observed a YEWA flying over the Baccharis grove near the staging area.

0940: Crew broke for break.

1000: Found an injured Red-tailed Hawk.

1140: Crew broke for lunch.

1400: Checked to see if RTHA was in area still; did not see it.

Additional Comments

Crew found an injured Red-tailed Hawk walking around Johnson Field; after observing the hawk for a short time and noting an injured left wing. I reached out to several rehabs before eventually getting in contact with a wildlife division of the Pasadena Humane Society. After detailing my observations and sending photos, they determined that "In all likelihood he sustained a minor injury during flight, and will only need rest." They stated that "typically we would only intervene if the hawk couldn't gain lift. Then the injury would be considered severe." The hawk was able to generate some lift to get onto a low branch, thus classifying the injury as not being severe. The hawk was left to its own devices in the mature willow grove next to DG-2 and the crew were informed to not work in the area near the hawk.

Signature

Handwritten scribble or signature.



Crews_working_Johnson_Field_facingNE.jpg
-118.17203819444445 34.18996597222222



RTHA_injured_left_wing.JPG



Injured_RTHA.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	71 °F	0-3 MPH	0 %
End of Day	14:00	95 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, SPTO, CALT, HOFI, CASJ, LEGO, BHGR, TUVU, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: The crew began weeding in DG-4A "boulder" until 0915 and then moved to DG-4 at the south side near the ramp. I surveyed both areas for nesting birds prior to work.

1400: The crew stopped pulling weeds and began cleanup.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingS-140116.jpg
-118.17502288888889 34.19111461944444



VegetationRemoval_after_facingS-152757.jpg
-118.17496197222222 34.19106856944444



VegetationRemoval_before_facingE-165939.jpg
-118.177096 34.18665503888889



VegetationRemoval_after_facingE-205301.jpg
-118.17706658333334 34.18671755

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	0 %
End of Day	15:00	94 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NOMO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, ANHU, WIWA, BUSH, WREN, RTHA

Reptiles: Western fence lizard, alligator lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2 targeting dodder and invasive weeds.

0900: Crew takes a break.

0915: Crew returns to work.

1045: Crew finds injured juvenile RTHA up in tree. Biologist moves crew out of the area.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Juvenile_RTHA_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	0 %
End of Day	23:00	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RTHA, COHA, BHGR, BUSH, ACWO, SPTO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the area for nesting birds.

0645: The crew began weeding in DG-4 on the south end near the ramp and moved North throughout the day.

1100: The crew stopped pulling and started cleanup after lunch.

Additional Comments

N/A

Signature





VegetationRemoval_before_facingN-144436.jpg
-118.17710231944444 34.18674091111111



VegetationRemoval_before_facingE-160658.jpg
-118.17719877777779 34.18686652777774



VegetationRemoval_after_facingN-172615.jpg
-118.1771226666668 34.186790619444444



VegetationRemoval_after_facingE-172635.jpg
-118.17714741666667 34.186822833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh/Alec Mang
Company: Stillwater
Date of Log: August 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	3 %
End of Day	14:00	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six, four weeding in DG-4 and two hydroseeding the tire wash. Foreman was Raul.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, ANHU, AMCR, YEWA, BEWR, WEBL, MODO, ALHU, ACWO, EUST, YEWA, BUSH, BUOR, HOFI, CASJ, CAQU, CORA, COHA, california ground squirrel, fox squirrel, HOWR, desert cottontail, SOSP, LEGO, NUWO, HUVI, WREN, OATI, EUCD.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Biologist Michael Walsh surveyed work area while crew set up.

0650: Biologist Michael Walsh cleared crew to work. Monitored weeding of DG-4 on the far south side of the site. Numerous YEWA heard slightly North of crew. Primary target was *Lepidium latifolium*, which is starting to dry up and still holds seed.

0720: Biologist Michael Walsh surveyed tire wash for hydroseeding.

0800: Crew of two began working on hydroseeding. monitored this and weeding, as both crews were very close to one another.

1030: Alec Mang took over monitoring, Michael walsh left site.

1030 Alec monitored crew weeding, two people using weed whackers on the hillside with mustard.

1400: The crew stopped weeding and began cleanup.

Additional Comments

Michael Walsh monitored from 0630-1030, Alec Mang monitored from 1030-end of day. One report was made for continuity of before/after photos.

Signature





photo_1-20220815-before_weeding_facingN.jpg
-118.17731019444444 34.186962799999996



photo_2-20220815-after_weeding_facingN.jpg
-118.17726119444445 34.1869551



photo_3-20220815-hydroseeding_facingN.jpg
-118.17785011111111 34.186501

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	0 %
End of Day	15:00	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NÔMO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ANHU, BUSH, BLPH, RSHA

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew starts work on the western side slope targeting pepper weed, lambs' quarters, and mustard. Part of the crew waters new cuttings.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





SideslopeWest_facingNE.jpg

-118.1735668777779 34.1913920833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:00	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ANHU, ALHU, BUSH, BLPH, RTHA, YEWA

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew starts work on the western side slope targeting pepper weed, lambs quarters, and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Scrub_jay_kill_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: August 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	13:00	96 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image: Oscar and Ed co-crew leads, Linda, Ryan, Genero. Hand tools and weedwhackers.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA males still singing in work area but I dont see any disturbance and there are a lot of individuals around, females and young. First of fall WAVI and WIWA, HUVI, OCWA, BUSH, LEGO with young begging, RSHA, RTHA, CSJA, BEWR, OATI, HOFI, SPTO, CALT, ALHU, ANHU, ACWO, NUWO, Western fence lizard, western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met at staging area to discuss days activities. Drive to South. End to continue weeding, weedwhacking slopes.

Crew remains down here till lunch, finishing the slopes and continue North in the understory.

1200: Continue north hand pulling, collect till 130. Crew stops pulling. Very hot and humid.

Additional Comments

Walking north I found a large area of passion fruit, himalayan blackberry, fig, creeper and torilis. The birds are enjoying the passionfruit, including hummingbirds feeding in the open fruits. This area will take a big effort to weed due to the thorns and tenacity of the H. blackberry.

Signature





photo_1DG4_looking_E_weedwacking_SW_slope_of_restorationDG4.jpg
-118.17750806944444 34.18683623055555



photo_2_handpulling_facing_E_SW_restorationDG4.jpg
-118.17726216666667 34.18719093055555



photo_3_post_weeding_facing_N.jpg
-118.1772020277778 34.18720198055555



photo_4_facingW_post_weedwhacking.jpg
-118.17727581944445 34.18703266111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: August 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	5 %
End of Day	14:00	94 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of non-natives

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, BEWR, ANHU, YEWA, CALT, AMCR, HOFI, NUWO, OCWA, SPTO, SOSF, BLPH, Gulf Fritillary, Cabbage White, side-blotched lizard, CATH, desert cottontail, CASJ, CAQU, ACWO, California ground squirrel, ECDO, Western Tiger Swallowtail, LEGO, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Prep.

0650-0700: Caravan to site.

0700-0940: Weeding in DG4A north of Tire Wash.

1300: Weeding west of channel west of boulder area of DG4A.

1300- 1345: Meeting led by Raul and Oscar about vehicle safety and next week's work.

1345-1400: Finishing log.

Additional Comments

N/A

Signature





photo_1-20220817-DG4A-lookingW-before.jpg
-118.1773033055555 34.18747329999999



photo_2-20220817-DG4A-lookingW-after.jpg
-118.17728180555557 34.1875352



photo_3-20220817-DG4A-boulder-lookingS-before.jpg
-118.1759064 34.19146449999995



photo_4-20220817-DG4A-boulder-lookingS-after.jpg
-118.17595169444445 34.191476099999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	30 %
End of Day	15:00	93 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, BLPH, RTHA
Reptiles: Western fence lizard, coastal whiptail, side blotch lizard
Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.
0640: Safety tailgate.
0650: Crew starts work on the western side slope targeting pepper weed, lambs' quarters, and mustard.
0900: Crew takes a break.
0915: Crew returns to work.
1030: Crew moves to work on eastern side slopes.
1200: Crew breaks for lunch.
1230: Crew returns to work.
1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Crew_sideslopeE_facingS.jpg
-118.17391658333334 34.18647078888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	78 °F	4-6 MPH	0 %
End of Day	12:30	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Two members from CBG with Anthony leading training. Two person crew from Natures Image and two from Stillwater including myself.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CAQU, CASJ, BEWR, ACWO, MODO, ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: I surveyed the planned collection area for nesting birds and LBV.

0745: CBG arrived and trained Natures Image and Stillwater employees on proper collection methods.

0900-1100: Crew collected cuttings.

1100-1230: CBG cleaned up gear and I helped them collect some seeds on the North end.

Additional Comments

N/A

Signature





photo_cuttings_during_facingW.jpg
-118.17513572222222 34.19230586111111



photo_cuttings_during_facingE.jpg
-118.1752125 34.19228421111111



photo_cuttings_during_facingN.jpg
-118.1751996666667 34.19230159999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: August 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	65 °F	0-3 MPH	5 %
End of Day	13:30	94 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of non-natives

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, RCPA, hummingbird sp., MODO, AMCR, HOFI, western toad (juv.), CALT, CATH, Checkered White, LEGO, California ground squirrel, desert cottontail, CAQU, WREN, BGGN, western fence lizard, side-blotched lizard, CASJ, coastal whiptail, Cabbage White, BEWR, Western Tiger Swallowtail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640-0650: Prep.

0650-0900: Weeded west of boulders in DG4A from channel working east. Saw ACWO nest activity 75 feet east of channel, so we moved.

0910-0930: Checked area south of DG4A boulders for nests and sensitive species; none.

0930- 1320: Weed whacking of area south of boulders.

Additional Comments

N/A

Signature





photo_1-20220818-DG4A-Westofboulders-lookingE-before.jpg
-118.17589050000001 34.1914551



photo_2-20220818-DG4A-Westofboulders-lookingE-after.jpg
-118.17589550000001 34.1914174



photo_3-20220818-DG4A-boulders-lookingS-before.jpg
-118.1751310000001 34.19102080555555



photo_4-20220818-DG4A-boulders-lookingS-after.jpg
-118.17512710000001 34.19102519444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	25 %
End of Day	15:00	91 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, CORA, ANHU, ACWO, ALHU, BLPH, RTHA, NUWO, HOWR, LEGO

Reptiles: Western fence lizard, side blotch lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew starts work on the eastern side slope targeting pepper weed, lambs' quarters, grasses and mustard.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Black_saddlebag_dragonfly_easternSideslope.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	71 °F	0-3 MPH	0 %
End of Day	14:00	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Two Natures Image employees and myself collecting cuttings of mulefat, cottonwood, coyote brush and blackberry.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, ACWO, TUVU, AMCR, HOFI, CALT, CASJ, ground squirrel, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

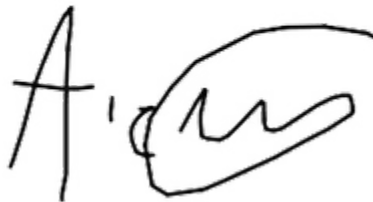
0630: I checked the area for nesting birds and LBV.

0650: We began collecting cuttings until the end of the day.

Additional Comments

N/A

Signature





photo_cutting_collections_facingN.jpg
-118.17458736944445 34.19353155555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	13:30	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/Weed abatement
2. Hand tools (shovels, hoes) and hand pulling
3. Gothic crew of nine

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, BUSH, CSJA, CORA, CALT, SBMU, BEWR, ANHU, ALHU, HOFI, SOSP, BTPI, YEWA, CAQU, NUWO, ACWO, SPTO, NOMO, MODO

Mammals: Audubon's Cottontail, Ground Squirrel

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Monitored vegetation removal and spoke with crew about plans going forward.

0745: Observed a YEWA on the edge of DG-2.

0840: Observed a subadult Coastal Whiptail on the edge of Johnson Field.

0845: Crew broke for break.

1000: Pasadena Water and Power/PW performing work all over site, including use of Dozer outside of mitigation areas on the Southern end. Decreased wildlife activity significantly.

Additional Comments

N/A

Signature





Crew_weeding_DG3A_facingSouth.jpg
-118.17349933333334 34.18745086111111



Scaly-breasted_Munia_in_drainage_near_DG3B_facingSW.JPG



Dozer_on_southern_end_facingSW.jpg
-118.17303696111112 34.1871176527777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: August 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	13:15	94 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of non-natives.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, ACWO, AMCR, LEGO, RCPA, BEWR, WEBL, SOSP, BUSH, ANHU, ALHU, California ground squirrel, CALT, PHAI, HOFI, coyote, ECDO, desert cottontail, SPTO, CASJ, HOOR, western fence lizard, side-blotched lizard, Cabbage White, coastal whiptail, BGGN, Western Tiger Swallowtail, Fiery Skipper, Checkered White, COHA, Giant Swallowtail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0705: Prep.

0705- 1305: Hand weeding and weed whacking continued from yesterday at boulder area of DG-4A.

1305-1315: Finishing Survey123 report.

Additional Comments

N/A

Signature





photo_1-20220819-DG4A-boulders-lookingSE-before.jpg
-118.1749681 34.19085730555554



photo_2-20220819-DG4A-boulders-lookingSE-after.jpg
-118.174943 34.1908514



photo_3-20220819-DG4A-boulders-lookingN-before.jpg
-118.1749501 34.19085619444444



photo_4-20220819-DG4A-boulders-lookingN-after.jpg
-118.17494719444444 34.1908701

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:30	76 °F	0-3 MPH	0 %
End of Day	12:00	92 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

One Stillwater employee (myself) collected cuttings of cottonwood, Laurel sumac and blackberry using hand shears and Sambucus seeds by hand. Most cutting taken from DG-4 near the parking lot.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BLPH, CAQU, CASJ, SPTO, LEGO, ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I checked the collection area for nesting birds.

0715: I began collecting cuttings/seeds until.

1200: No nesting birds or LBV observed during collections.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be 'Alec Mang', written in a cursive style.



photo_Cuttings_LaurelSumac_facingN.jpg
-118.17281666666668 34.19483055555555



photo_2_cutting_collection_facingN.jpg
-118.1755250000001 34.19253333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	100 %
End of Day	15:00	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, TUVU

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-1.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Crew_DG-2_facingS.jpg

-118.17044236111111 34.19453672222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: August 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	50 %
End of Day	13:30	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of three working in DG-4 WOUS , hand weeding, only one person doing minimal weed wacking.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, MODO, CASJ, CALT, LEGO, BUSH, ACWO, COHA, HOFI, AMCR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0710: Nesting bird survey for crew in DG-4 WOUS.

0710: Monitored Natures Image crew of three working in DG-4 WOUS, hand weeding, only one person doing minimal weed-whacking until 0820. Crew hand-weeded the rest of their shift.

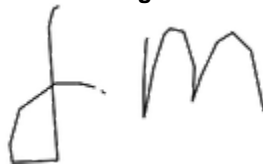
1300: Crew wrapping up for the day.

1330: Took after photos, inspected site, completed daily log.

Additional Comments

N/A

Signature





photo_1-20220822-before_weeding_facingE.jpg
-118.17492330555557 34.19082080555555



photo_2-20220822-after_weeding_facing_E.jpg
-118.17479619444445 34.1907145



photo_3-20220822-before_weeding_facingSW.jpg
-118.1747636 34.190504399999995



photo_4-20220822-after_weeding_facing SW.jpg
-118.1746751 34.19053480555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:00	92 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, COHA, HOWR

Reptiles: Western fence lizard, coastal whiptail

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew splits into two groups begins work on DG-2 and eastern side slope. Target species include mustard, lambs' quarter, and dodder.

0900: Crew takes a break.

0915: Crew returns to work. Side slope crew moves to clear dodder from Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Dead_giant_swallowtail_johnson_field.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	13:00	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five removing vegetation in DG-4A "boulder".

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, LEGO, RTHA, CASJ, ATFL, BLPH, SPTO, CALT, MODO, ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey of the work area. No nesting birds or LBVI were found.

0700: The crew began pulling vegetation by hand. I monitored weeding until 1300 and the crew began cleanup.

Additional Comments

N/A

Signature





photo_VegetationRemoval_before_facingS.jpg
-118.17485126111112 34.19093344444444



photo_VegetationRemoval_after_facingS.jpg
-118.17481911111112 34.19097272222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	14:30	90 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement/Dodder Removal
2. Hand tools (shovels, hoes, clippers) and hand pulling
3. Gothic crew of nine plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, ANHU, BEWR, SOSPO, CALT, SBMU, BLPH, RTHA, AMCO, ALHU, CSJA, NUWO, COHA, CAQU, LEGO, ACWO, CATH

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Surveyed edge of basin near the construction vehicles to ensure there was no wildlife potentially at risk nearby.

0745: Walked areas containing many of the new cuttings put in in the prior few weeks. Many cuttings already producing new growth.

0800: Heard a Cooper's Hawk near DG-2; location was not able to be pinpointed.

0840: Crew broke for break.

1140: Crew broke for lunch.

Additional Comments

Public Works crew arrived around 12 in large numbers; mentioned they were going to start work the following day.

Signature





Area_crew_was_removing_dodder_facingW.jpg
-118.17137433333333 34.19058612222222



New_willow_cutting_growth_DG2WOUS.jpg
-118.1726661388889 34.18897352777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: August 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	13:00	97 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of non-natives

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, RCPA, AMCR, BUSH, WREN, ANHU, RSHA, COHA, CAQU, NUWO, LEGO, ACWO, SOSP, CASJ, CALT, HOFI, CATH, BEWR, HOOR, BARS, BLPH, western fence lizard, California ground squirrel, Western Tiger Swallowtail, Checkered White, Cabbage White, PSFL, BHGR, side-blotched lizard, Lorquin's Admiral, Gulf Fritillary, CORA, PHAI, AMGO, coast whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Prep.

0655-0720: Checked for nests and sensitive species in DG-4A east of boulders.

0720-1100: Hand-weeding of said area working west.

1130-1150: Checked DG-4A Northwest of boulders and just east of trail for nests and sensitive species.

1150-1250: Continuation of hand-weeding.

Additional Comments

N/A

Signature





photo_1_20220824-DG4A-farEastofboulders-lookingWest-before.jpg
-118.1741546000001 34.1908418055555



photo_2-20220824-DG4A-farEastofboulders-lookingWest-after.jpg
-118.1741494 34.1909151944444



photo_3-20220824-DG4A-Eastofboulders-lookingWest-before.jpg
-118.1743449000001 34.19082109999994



photo_4-20220824-DG4A-Eastofboulders-lookingWest-after.jpg
-118.17432480555556 34.19091580555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	74 °F	0-3 MPH	0 %
End of Day	14:00	92 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Three Natures Image employees with Raul as foreman, Anthony from CBG and myself collected cuttings from Big-T. Austin from chambers group helped survey for LBV.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, EUST, HOFI, COYE, BUTI, BLPH, DOWO, SPTO, WEKI, SOSPO, ALHU, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Austin and I surveyed for nesting birds and LBVI in the collection areas.

0830: We began collecting cuttings with a focus on blackberry and cottonwood. We collected from the Cottonwood Ave entrance until 1100.

1200: We moved to the entrance off Wheatland Ave. until 1400 and ended the day there.

Additional Comments

N/A

Signature





photo_Rubus_cuttings_during_facingW.jpg
-118.34266111111111 34.26770555555555



photo_Populus_cuttings_during_facingN.jpg
-118.34380555555555 34.26732222222222



photo_Populus_cuttings_during.jpg
-118.35353061111111 34.26660336111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: August 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	20 %
End of Day	12:50	91 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of restoration site

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, AMCR, LEGO, NUWO, ACWO, WREN, CATH, CATO, ANHU, SOSF, RCPA, western toad (juv.), BUSH, coyote, COHA, Oenothera elata, BEWR, CASJ, HOFI, SPTO, California ground squirrel, Cabbage White, western fence lizard, side-blotched lizard, Monarch, coastal whiptail (juvenile), eastern fox squirrel, RSHA, California Sister? (brief distant glimpse), ALHU, Western Tiger Swallowtail, HOOR, BLPH, Gulf Fritillary, WEBL, Cloudless Sulphur.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Prep.

0655-0705: Rechecked weeding area Northwest of boulders in DG-4A for nests and sensitive species so weeding can continue from yesterday.

0705-0735: Checked irrigation areas at North end, at "Primrose", and at Tire Wash.

0735-1250: Weeding continues Northwest of boulders in DG-4A. mostly tall, dry fennel and a little pepperweed.

Additional Comments

N/A

Signature





photo_1-20220825-DG4A-NWofboulders-lookingN-before.jpg
-118.17509819444444 34.19133680555555



photo_2-20220825-DG4A-NWofboulders-lookingN-after.jpg
-118.1750785 34.19130989999999



photo_3-20220825-DG4A-NWofboulders-lookingNE-before.jpg
-118.1750664 34.19136069444444



photo_4-20220825-DG4A-NWofboulders-lookingNE-after.jpg
-118.17506250000001 34.191352599999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, CORA, MODO

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on Johnson Field targeting dodder.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Dodder_removal_johnson_field_facingE.jpg
-118.1721215555556 34.19158328888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: August 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	76 °F	0-3 MPH	0 %
End of Day	12:30	90 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Cutting collection of populus, rubus and mugwort with three Stillwater employees and three Natures Image employees at the Big Tujunga wash mitigation area. We used hand shears to gather cuttings and stored them in trash bags.

Did you observe any special-status species? Yes No

Least Bell's vireo

Were any least Bell's Vireo detected? Yes No

LBVI singing near the collection area at 1220. LBVI not heard all morning until noon and it began actively singing. Only a male observed on dead tree shown in photo. Territory logged in Fieldmaps. This did not occur at or near the Devil's Gate site, we were several miles west at the Big Tujunga wash mitigation area.

List of species observed while monitoring:

BUSH, BLPH, LEGO, CORA, HOFI, AMCR, NUWO, ACWO, MODO, LBVI, CALT.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Mike, Maddy and myself did a quick survey for LBVI and nesting birds. We began collections of Rubus around 0800 while two members from Natures Image collected cottonwood. We all entered in from the Southwest gate at Wheatland Ave.

1100: We switched to collecting mugwort until 1220 when LBVI was detected. We then stopped work and packed up the site. Maddy and Michael drove to Devils Gate to collect Sambucus nigra from the area below the dam (there was none, all had dropped seed).

Additional Comments

N/A

Signature





photo_Rubus_cuttings_facingE.jpg
-118.3535431 34.26656425



photo_LBVI_location_facingW.jpg
-118.35410093888888 34.26666916



photo_mugwort_cuttings_facingE.jpg
-118.353825 34.266357666666664



photo_LBVI_territory_facingW.jpg
-118.35397358888888 34.26665888888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, CORA, MODO, BGGN, BLGR, OCWA, PHAI

Reptiles: Western fence lizard, side blotch lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work on Johnson Field targeting dodder.
0805: Biologist finds bobcat tracks north of Johnson Field.
0900: Crew takes a break.
0915: Crew returns to work and moves to DG-2.
1200: Crew breaks for lunch.
1230: Crew returns to work.
1445: Crew stops work for the day.

Additional Comments

Signature





Bobcat_tracks_NofJohnsonField.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: August 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	13:48	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of two and two Stillwater employees (Michael Walsh and Alec Mang) collecting plant materials

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RCPA, WREN, NUWO, SPTO, ANHU, ALHU, CAQU, CASJ, NOMO, CAQU, KILL, CORA, AMCR, SOSP, RTHA, HOFI, COYE, MODO, ACWO, PUF1, OATI, California ground squirrel, western fence lizard, pacific chorus frog, common side blotched lizard, mule deer (skull only).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Performed a nest sweep in collecting areas, crew mobilized.

0700: Collected mugwort, baccharis pilularis, rose, and Sambucus nigra in DG-W-1 (Johnson field) and nearby in DG-2 new channels.


1200: Collected Rubus in DG-4 near the old COHA nest with just Alec.

1230: Alec took all collected vegetation to CBG. Delivered a full gallon ziploc each of Rosa and Sambucus seeds, as well as 1/2 a trash bag of Rubus, 2 trash bags of Baccharis, and 2.5 trash bags of mugwort. Michael stayed on site to survey upper arroyo for Ericameria pinifolia, which was not located.

Additional Comments

Aside from the E. pinnifolia discussed above, we should be done with collections today unless we hear from CBG that we are short on something.

Signature





photo_1-20220826-primary_collection_area_facingW.jpg
-118.1715008055557 34.19034639999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: August 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	11:00	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image workers Linda and Ed, go with Mike and seed collecting crew. Genero runs irrigation. Morning weeding crew is Ryan with crew lead Raul.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

western toad (still many toadlets~1"), western fence, side-blotched lizard, whiptail, ,1,"snv, indicating hatching this season. BEWR, CALT, LEGO, SOSP, CATH, HOFI, WREN, ALHU, ANHU, HOOR, OCWA, HUVI, OATI, EUST, ACWO, NUWO, CAQU, CASJ, COHA, BHCO (adult female followed CALT), BUSH, RSHA, PHAI.

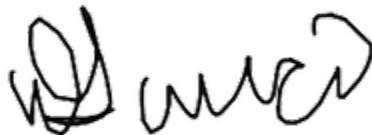
Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Walked site where weeding will occur for the day. Many small lizards, toads and birds (LEGO, HOFI, MODO, CALT) foraging in previously weeded area nearby. We are providing good wildlife habitat.
1100: Crew has completed weeding, they will only clean up and load after lunch.

Additional Comments

Signature





photo_1Tall_evening_primrose_restoration_patch_still_in_bloom.jpg
-118.1772277888889 34.1899442777778



photo_2_pre-weeding_area_N_of_boulder_site_restoration_DG4.jpg
-118.1751734722223 34.19109463055554



photo_3_2nd_pre-weeding_W_of_boulder.jpg
-118.17529525 34.19107923888888



photo_4-post-weedingN_of_boulder.jpg
-118.1751639888889 34.19115447222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: August 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	5 %
End of Day	14:00	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4A.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WEBL, CAKI, WREN, ACWO, RCPA, BUSH, MODO, CASJ, AMCR, CAQU, ANHU, ALHU, EUST, NUWO, CALT, SOSP, BEWR, HOFI, KILL, CATH, PUFU, LEGO, SPTO, YEWA, ROPI, OCWA, NOMO, DEJU, RTHA, desert cottontail, California ground squirrel, western fence lizard, common side blotched lizard, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area, DG-4A south of the boulder area.

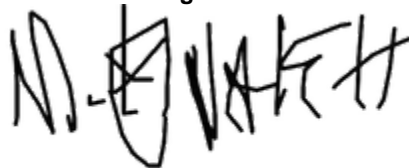
0650: Crew began weeding area, which was an open field of pepperweed, mustard, and poison hemlock with sparse natives (*Phacelia cicutaria*, *Erigeron canadensis*). Several large *Eucalyptus* and *Ailanthus altissima* resprouts were cut back to the root. Crew continued working south for the day.

1345: Crew began wrapping up pulling to tarp up while I surveyed the site.

Additional Comments

Noted that a purple finch had a band on its leg; could not make out anything but it appeared to be salmon or orange colored.

Signature





photo_1-20220829-pre_pulling_facingS.jpg
-118.17557458333334 34.19064831944444



photo_2-20220829-post_pulling_facingS.jpg
-118.17551932222223 34.19068745277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:00	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, CORA, MODO, PHAI, COHA
Reptiles: Western fence lizard, side blotch lizard, coastal whiptail
Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work on DG-2 targeting dodder.
0900: Crew takes a break.
0915: Crew returns to work.
1200: Crew breaks for lunch.
1230: Crew returns to work.
1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Dragonfly_DG-2_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: August 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	13:15	102 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, NOMO, MODO, CAKI, AMCR, RCPA, CASJ, ALHU, CALT, WREN, BGGN, ANHU, BEWR, RTHA, LEGO, SPTO, CAQU, ACWO, HOFI, WEBL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Performed clearance survey in DG-4 just south of the mining pit.

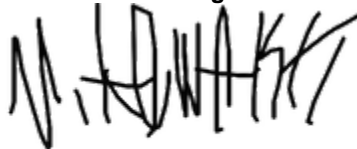
0700: Monitored weeding in aforementioned area. Primary target was poison hemlock that was weaved between mature mulefat shrubs. Noted that many of the shrubs appeared to be in poor condition.

1300: Crew began wrapping up pulling and focused on irrigation.

Additional Comments

N/A

Signature





photo_1-20220830-pre_weeding_facingW.jpg
-118.17440017777778 34.19249948611111



photo_2-20220830-post_weeding_facingW.jpg
-118.17444067777778 34.19252031944444



photo_3-20220830-post_weeding_facingNW.jpg
-118.17452138888889 34.19264575

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	15:00	96 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RTHA, MODO, PHAI, COHA, LEGO

Reptiles: Western fence lizard, side blotch lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Dodder_DG-2_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: August 31, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	74 °F	0-3 MPH	0 %
End of Day	13:30	99 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Myself and Alec Mang collecting at Devil's Gate reservoir and upper arroyo, along with Natures Image crew of 3.

Did you observe any special-status species? Yes No

Two-striped garter snake

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, BUSH, CATH, NOMO, AMCR, MODO, CALT, WREN, ACWO, CAQU, ANHU, NUWO, SPTO, CASJ, SOSP, CORA, CAQR, STJA, two-striped garter snake.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site and mobilized for collecting.

0700: Went to Johnson field to collect mugwort and *Bacharris pilularis*. All crew members accompanied by biologist who surveyed the area near them as they moved. Got 1/2 a bag of each.

0930: Crew moved to the upper arroyo to collect *Rubus*. Surveyed area with Alec Mang before clearing crew to work. Crew was advised to take from the back of the patch, which is out of view from the creek and trail to preserve visual character of the trail.

1230: Observed two-striped garter snake on way back to cars, saw keeled scales to confirm ID. Alec Mang took plant materials to CBG. Surveyed southern area of site with foreman Raul to find work targets in shade during heat wave, identified areas to prioritize watering.

1330: Wrapped up for day, left crew to work on irrigation.

Additional Comments

N/A

Signature





photo_1-20220831-crew_collecting_rubus_facingW.jpg
-118.16618458333333 34.20523768333334

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: August 31, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	74 °F	0-3 MPH	0 %
End of Day	15:00	102 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, PHAI, COHA

Reptiles: Western fence lizard, side blotch lizard

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder.

0710: Biologist sees COHA chasing a SOSP.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Dodder_removal_DG-2_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	79 °F	0-3 MPH	0 %
End of Day	16:00	100 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, MERL
Reptiles: Western fence lizard, side blotch lizard, coastal whiptail
Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work on DG-2 targeting dodder and Mexican tea.
0900: Crew takes a break.
0915: Crew returns to work.
1200: Crew breaks for lunch.
1230: Crew returns to work.
1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Racoon_skull_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	85 °F	0-3 MPH	0 %
End of Day	14:00	98 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4 near the main parking lot working their way South.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, BUTI, AMCR, CORA, BEWR, ACWO, MODO, HOFI, CATH, SPTO, Ground squirrel, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work and surveyed for nesting birds.

0650: The crew began pulling weeds until 1330 and began cleanup.

Additional Comments

Rat midden in work area that looked active. The crew did not pull in the area surrounding the nest around 15ft.

Signature





photo_VegetationRemoval_before_facingW.jpg
-118.17440628888889 34.19262186111111



photo_VegetationRemoval_after_facingW.jpg
-118.17440221111111 34.19269121111111



photo_Rat_midden_FacingN.jpg
-118.17472991666668 34.19252758333333



photo_VegetationRemoval_cleanup_facingW.jpg
-118.17478683333334 34.192524416666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: September 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	77 °F	0-3 MPH	10 %
End of Day	13:30	98 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement/Dodder removal
2. Hand tools (shovels, hoes, clippers) and hand pulling
3. Gothic crew of eight plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CASJ, ACWO, CALT, BEWR, NOMO, BLPH, AMCR, RCPA, ANHU, MODO, CAQU, WREN, SOSP, RTHA, ATFL, BUSH, HOSP, NUWO

Mammals: Coyote, Beechey Ground Squirrel, Audubon's Cottontail

Herps: Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Two bold, seemingly young adult, coyotes were wandering the north parking area. Walked them out of the lot and into the drainage to avoid them encountering nearby off-leash dogs.

0700: Walked Johnson Field and DG-2 to assess level of weeds and dodder growth.

0730: Monitored dodder removal/trimming in DG-2.

0830: Observed the Southern parking lot to determine any vegetation/wildlife impacts.

0930: Walked upper bank searching for live annual or perennial invasives.

1140: Crew broke for lunch.

Additional Comments

Hot and humid weather; regular breaks were encouraged for crew safety. Wildlife activity dropped precipitously soon after 10am.

Signature





Crews_weeding_DG-2_facingS.jpg
-118.172311925 34.18982853611111



Coyote_near_N_parking_lot_facingN.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	77 °F	0-3 MPH	0 %
End of Day	12:00	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling vegetation in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUTI, CORA, TRSW, BLPH, ACWO, SPTO, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

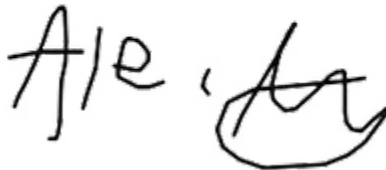
0700: The crew began weeding where they left off the day before.

1200: The crew stopped pulling and ended the day with cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingS.jpg
-118.17472306944445 34.19241072222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: September 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	76 °F	0-3 MPH	0 %
End of Day	13:15	100 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand weeding on the west side of the project area.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, ACWO, CALT, NUWO, WREN, ANHU, MODO, BUSH, CATH, BEWR, ALHU, LEGO, RCPA, SOSP, KILL, CAQU, CAKI, Western toad, Western fence lizard, desert cottontail, coyote, coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed site for nests and sensitive species.

0700: Cleared crew to work. Gave WEEP training to Carlos.

0730: Monitored weeding of edge of channel, which was overrun with poison hemlock. This area was DG-4, DG-4B, and DG-W-2 mining pit outlet.

0830: Crew continued; performed nest checks for all remaining nests on the west side.

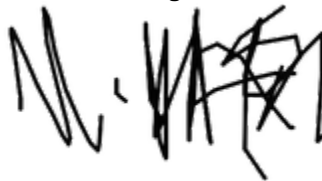
1200: Heat was tipping into the 100's, very little bird activity.

1300: Crew began wrapping up pulling and focused on cleanup.

Additional Comments

Shadowed by Maddy Uetrecht (biologist).

Signature





photo_1-20220906-pre_weeding_facingE.jpg
-118.1748316 34.1922405555555



photo_2-20220906-post_weeding_facingE.jpg
-118.17483861111111 34.19226268055555



photo_3-20220906-tarped_vegetation_facingE.jpg
-118.1750893055556 34.192077874999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: September 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	76 °F	0-3 MPH	0 %
End of Day	14:30	100 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement/Dodder removal and Basin/Irrigation repair.
2. Hand tools (shovels; hoes; clippers) and hand pulling.
3. Gothic crew of nine plus Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BEWR, CASJ, ACWO, RCPA, AMCR, PHAN, CALT, ANHU, COHA, CAQU, SPTO, SOSPO, LEGO, NOMO, CATH, CORA, NUWO, MODO, BTPI, WREN

Mammals: Beechey Ground Squirrel, Audubon's Cottontail

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0715: Observed a Cooper's Hawk along the top of the slope adjacent to Johnson Field.

0730: Observed growth on the recently planted cuttings along Johnson Field.

0800: Walked Johnson Field and DG-2 while observing crew working.

0840: Crew broke for break.

1020: Observed a Coastal Whiptail in DG-2.

1140: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_working_in_JohnsonField_facingSW.jpg
-118.17082679722223 34.191633555555555



Sprouting_cuttings_on_edge_of_JohnsonField_facingNE.jpg
-118.17081372222222 34.19162452777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: September 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	78 °F	0-3 MPH	0 %
End of Day	12:45	97 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five weeding by hand in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, CASJ, LEGO, WREN, NUWO, ACWO, CATH, RCPA, CALT, BEWR, CAQU, SPTO, MODO, COHA, ANHU, HOFI, ALHU, NOMO, CORA, BGGN, WEBL, DEJU, OATI, Desert cottontail, California ground squirrel, western toad, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0645: Cleared crew to work, held brief tailgate meeting regarding heat.

0655: Crew began weeding DG-4 near the south end of DG-4B. Area was a mulefat thicket with a heavy poison hemlock infestation.

0730: Continued with last round of nest checks.

0830: Discovered a new active ACWO nest (ACWO_6 on collector). Although very late in year, they appeared to be feeding chicks. Juveniles were heard inside of a cavity, Adults running food frequently. Slightly off-site but implemented a 40ft no-work buffer.

0900: Resumed monitoring weeding.

1230: Very hot, crew starting to work on cleanup. I inspected site and took photos.

Additional Comments

Shadowed by Maddy Uetrecht today.

Signature





photo_1-20220907-pre_weeding_facingE.jpg
-118.1750592222223 34.19199969444444



photo_2-20220907-post_weeding_facingE.jpg
-118.17503061111111 34.19186922222216



photo_3-20220907-pre_weeding_facingW.jpg
-118.17525098888889 34.19173363055554



photo_4-20220907-post_weeding_facingW.jpg
-118.17526647222223 34.19174858333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	75 °F	0-3 MPH	0 %
End of Day	15:00	99 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of twelve plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ALHU, BLPH, RSHA, MODO

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on Johnson Field targeting dodder and refreshing basins.

0900: Crew takes a break.

0915: Crew returns to work.

1010: A small landslide is observed near the upper trail east of Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Johnson_field_crew_facingS.jpg



Landslide_East_of_Johnson_Field_facingE.JPG
-118.17078333333333 34.19152777777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: September 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	78 °F	0-3 MPH	20 %
End of Day	14:00	95 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4, DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, LEGO, NOMO, CATH, ACWO, NUWO, WREN, OATI, CALT, SPTO, CASJ, DEJU, BUSH, EUCD, BGGN, AMCR, BEWR, BLPH, RCPA, CAQU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site; surveyed work area while crew set up. Cleared crew to work.

0650: Crew began hand pulling poison hemlock at the intersection of DG-4 and DG-4 WOUS just south of the old horse trail. Monitored these activities.

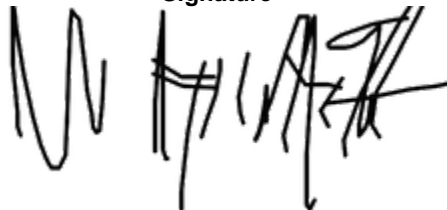
1230: A slight rain started to fall.

1345: Crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20220908-pre_weeding_facingE.jpg
-118.17449422222222 34.19228583333333



photo_2-20220908-post_weeding_facingE.jpg
-118.17451608333334 34.19230327777775



photo_3-20220908-pre_weeding_facingS.jpg
-118.17425268333334 34.192032194444444



photo_4-20220908-post_weeding_facingS.jpg
-118.17427715555556 34.192043794444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	77 °F	0-3 MPH	35 %
End of Day	15:00	94 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of twelve plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, PHAI, RSHA, MODO

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on Johnson Field targeting dodder and refreshing basins.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Crew_north_of_johnson_field_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	74 °F	0-3 MPH	30 %
End of Day	15:00	94 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of twelve plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, PHAI, RSHA, MODO

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder and refreshing basins.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Cup_nest_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: September 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	73 °F	0-3 MPH	70 %
End of Day	11:50	95 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Hand weeding of non-natives

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CATH, WREN, CASJ, BEWR, ACWO, CORA, AMCR, ANHU, BGGN, HOSP, BTPI, SOSP, RSHA, MODO, CALT, RTHA, WEKI, side-blotched lizard (juvenile), California ground squirrel, HOFI, LEGO, Cabbage White, Gulf Fritillary, CAQU, NUWO, BUSH, OATI, HOWR, western fence lizard, Cloudless Sulphur, coast whiptail (juvenile), ECDO, eastern fox squirrel, Lorquin's Admiral.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Prep.

0650-0705: Checked DG4 portion for nests and sensitive species.

0705-0830: Weeding of site working north and south just east of channel.

0830-0850: Checked new weeding location in DG4A just east of public walking path and just south of "Primrose" for nests and sensitive species.

0905-1145: Weeding of DG4A portion just south of "Primrose", Cleanup pending.

Additional Comments

N/A

Signature





photo_1-20220909-DG4-lookingE-before.jpg
-118.17467680555556 34.192063899999994



photo_2-20220909-DG4-lookingE-after.jpg
-118.17476269444445 34.192081599999995



photo_3-20220909-DG4A-lookingE-before.jpg
-118.1775096000001 34.1895459



photo_4-20220909-DG4A-lookingE-after.jpg
-118.17744280555556 34.189646399999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	45 %
End of Day	15:00	83 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, SAPH, BLPH, COHA, PHAI, RSHA, MODO, ACWO

Reptiles: Western fence lizard, coastal whiptail, side blotch lizard

Amphibians: western toad

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder and refreshing basins.

0710: Large fallen willow is observed in DG-2 channels.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Large_fallen_willow_DG-2_channels_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	15 %
End of Day	14:00	84 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4 west of "boulder" area.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CAQU, HOFI, CORA, CASJ, CATH, CALT, EUCD, MODO, BLPH, ANHU, WEKI, SPTO, SOSP, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the area for nesting birds.

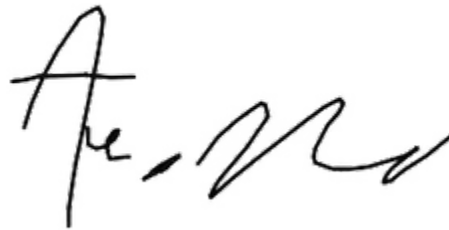
0650: The crew began pulling weeds.

0800-1100: Tree of heaven patch was removed. I continued monitoring the crew until 1400 at which point they began cleanup.

Additional Comments

N/A

Signature





photo_TreeofHeaven_removal_facingW.jpg
-118.17556016666667 34.19117926111111



photo_2-VegetationRemoval_before_facingW.jpg
-118.17562455555556 34.19130101111111



photo_TreeofHeaven_after_facingW.jpg
-118.17558948888889 34.19119766666666



photo_4-VegetationRemoval_after_facingW.jpg
-118.17565122222223 34.19132428888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	100 %
End of Day	15:00	83 °F	4-6 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, SAPH, BLPH, COHA, SPTO, MODO, ACWO

Reptiles: Western fence lizard, coastal whiptail, side blotch lizard

Amphibians: Western toad

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder and refreshing basins.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Crew_in_DG-2_facingSE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	50 %
End of Day	02:00	83 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four hand pulling weeds in DG-4 near "boulder" working West to DG-W-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CASJ, CALT, MODO, BLPH, WEKI, SPTO, SOSP, ACWO, HOFI, AMCR, RTHA, GREG, Western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I checked the area for nesting birds.

0700: The crew began pulling vegetation by hand. Area thick with hemlock. I Monitored vegetation clearing until 1400 and then crew began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingN.jpg
-118.17563072222222 34.1913421



photo_2-VegetationRemoval_during_facingW.jpg
-118.17563244444445 34.191245261111106



photo_VegetationRemoval_during_facingS.jpg
-118.17547838888889 34.19117249999999



photo_4-VegetationRemoval_after_facingN.jpg
-118.17563055555556 34.19135778888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	4-6 MPH	100 %
End of Day	14:00	77 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4 and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, SPTO, AMCR, BEWR, LEGO, CAQU, SOSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed for nesting birds and found an active coyote burrow in the planned work area. I had the crew move to DG-4A in the open field area.

0715: The crew began pulling primarily pepperweed in the area.

0740: Tree of heaven was removed. I monitored weeding until 1400 and the crew began cleanup.

Additional Comments

N/A

Signature





photo_coyote_burrow_facingS.jpg
-118.17577115 34.19135089999996



photo-2-VegetationRemoval_before_facingW.jpg
-118.17551188888889 34.19042851944444



photo_3-VegetationRemoval_after_facingW.jpg
-118.17545569444445 34.19048346111111



photo_4-TreeofHeaven_removed_facingW.jpg
-118.17565658333334 34.190561269444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	15:00	79 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, SAPH, ALHU, SPTO, MODO, ACWO, BUSH

Reptiles: Western fence lizard, coastal whiptail

Amphibians: Western toad

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder and refreshing basins.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Coastal whiptail observed

Signature





Basin_maintenance_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	15:00	80 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, SPTO, MODO, ACWO, BUSH, LEGO

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: Cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2 targeting dodder and watering cuttings.

0900: Crew takes a break.

0915: Crew returns to work.

1100: Crew moves to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature



Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: September 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	60 %
End of Day	13:30	76 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image, Raul crew lead, five crew. Hand pull and shovels.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, CSJA, BEWR, CATH, NOMO, CAKI, LEGO, MODO, CALT, SPTO, CORA, RCPA (hundreds), BHGR, COHA, KILL, COYE, BUSH, CAQU, ALHU, ANHU, SOSP, WREN, WIWA, YEWA, OCWA, NUWO, ACWO, SBMU, AMCR, Western toad, RSHA, RTHA, TUVU, AMGO, OATI, western whiptails and side-blotched lizards.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Walked through site, check bird activity. crew begins weeding pepperweed.

0730: Waves of 100s of RCPA continue to fly off their roost from East to West. Removed flagging from old nest buffers in the area. Crew continues west.

0930: I walk to the reservoir (grading/debris removal happening, with dozers) and to primrose site on west trail. The primrose patch is still very active with AMGO, LEGO, seed eaters, and hummers on remaining blooms. There is a lot of tree of heaven. Remove some and kickover plants. After lunch crew continues West. Crew finished pulling at 1315. Whiptails taking advantage of cleared areas and piles.

Additional Comments

N/A

Signature





photo_1Pre-weed_restoration_DG-4A_facingSW.jpg
-118.1755233333334 34.19034939999995



photo2_Pre-weed_restoration_DG-4A_facingW.jpg
-118.1755075388889 34.1904557694444



photo_3_post-weeding_facingSW.jpg
-118.17559973888889 34.19030227777775



photo_4_post-weeding_facingW.jpg
-118.17550838055556 34.19034826944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: September 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	4-6 MPH	0 %
End of Day	11:15	75 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew Edwardo, Genero (acting co-foremen), Raul (lead), Linda, Carlos, Ryan

Did you observe any special-status species? Yes No

Least Bell's vireo

Were any least Bell's Vireo detected? Yes No

0745 observe LBVI foraging in willows along the southcentral west reservoir berm. Likely a fall migrant passing through. Heard it sing a few phrases despite loud reservoir grading noise. Light-breasted, gray back, faint white supercillium, eyering and wingbar. Petite, curious.

List of species observed while monitoring:

MODO, CATH, RCPA, LEGO, CSJA, CAQU, NUWO, BEWR, CALT, ANHU, BGGN, HOFI, AMCR, COYE, SOSP, BEWR, WREN, LBVI, ALHU, SBMU, EUST, BUSH, NOMO, CORA, BLPH, SPTO, WTSW, ACWO, HOOR, BHGR, Western toad and lizards, whiptail, side blotched lizard, GHOW roosting west of weeding site.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Natures Image crew continues hand pulling pepperweed on DG4A and along ATV pathway towards reservoir. I walk south along berm, updating old nests and removing buffer flags.

0745: Observe LBVI foraging in willows along the southcentral west berm. See description above. Edward checks irrigation lines, fixes leaks, some from coyote chews.

0900: Back at weeding site, crew continues north and west. Found GHOW, thanks to mobbing jays, hummingbirds, woodpeckers, bushtits, house finches and song sparrows! Crew stops weeding at lunch and will collect and haul weeds after.

1130: I leave.

Additional Comments

N/A

Signature





photo_1Pre-weed_pepperweed_on_irrigation_DG-4A_facingN.jpg
-118.1757976388889 34.19030363888885



photo_2_weeding_ATV_pathway_W_of_boulder.jpg
-118.17513846111112 34.19049988888889



photo_3photo3weeded_ATV_pathway_W_of_boulder.jpg
-118.17517847222223 34.19055869444444



photo_4Post-weed_of_photo1_area.jpg
-118.17574261111112 34.19031963888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: September 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	13:30	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Various maintenance tasks and site cleanup.
2. Hand tools (shovels, hoes) and hand pulling.
3. Gothic crew of seven plus Caesar Olmos.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BHGR, CALT, BEWR, RCPA, CASJ, NUWO, SOSP, COHA, WREN, CATH, BUSH, ACWO, MODO, BLPH, SPTO, ANHU, RTHA

Mammals: Beechey Ground Squirrel, Audubon's Cottontail

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Spoke with crew regarding car break-ins on the North Side over the prior week. Agreed on parking/staging adjacent to Johnson Field.

0700: Walked site to determine any problem areas/things that could be worked on.

0710: Heard a COHA on the upper ridge by the houses; unable to determine location.

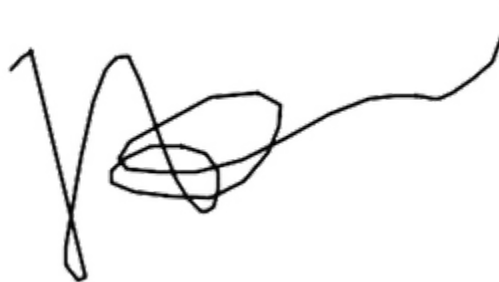
0840: Crew broke for break.

1110: Observed a Coastal Whiptail along the edge of Johnson Field.

Additional Comments

Animal activity was incredibly low; likely due to the noise/disturbance caused by the dozers.

Signature





Basin_scraping_progress_facingSW.jpg
-118.17262380555556 34.190159916666666



Crew_weeding_throughout_DG2.jpg
-118.17266654166667 34.190028888888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: September 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	40 %
End of Day	13:38	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Hand-weeding of non-native vegetation by regular Natures Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, MODO, CATH, WREN, AMCR, CASJ, BLPH, NUWO, SPTO, SOS, CALT, HOFI, BEWR pair, WEWP, ANHU, LEGO, western toad (juv.), RSHA pair, EUCD, BUSH, California ground squirrel, ACWO, CAQU, western fence lizard, side-blotched lizard, probable native *Pseudognaphalium*. plant species (orange-flagged on 9/16/22, not flowering, so hard to identify), WETA (calling), CAKI pair, CORA, *Fraxinus dipetala* among the Pacific Willows, ALHU, WEBL, Gulf Fritillary, WIWA, BCHU, darkling beetle, Cabbage White, Cloudless Sulphur, RTHA (3 circling and chasing each other), COYE.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0645: Prep.

0645-0700: Checked DG4A Southwest of boulders for sensitive species and nests.

0700: Hand weeding of same area. Prevalent noise from heavy equipment working in Arroyo Seco until 0815.

Additional Comments

A large cluster of *Buteo* sp. feathers was found 50 feet south of weeding area, possibly a hawk killed by a Great Horned Owl or coyote.

Signature





photo_1-20220919-DG4A-lookingSW-before.jpg
-118.1758108055556 34.19024919444444



photo_2-20220919-DG4A-lookingSW-after.jpg
-118.1757845 34.19022569444444



photo_3-20220919-DG4A-lookingS-before.jpg
-118.1758064 34.19020119444444



photo_4-20220919-DG4A-lookingS-after.jpg
-118.1758351 34.19020619444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: September 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	15 %
End of Day	14:40	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement + various other maintenance tasks.
2. Hand tools (shovels, hoes) and hand weeding.
3. Gothic Crew of seven and Ceasar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NUWO, BEWR, LEGO, ACWO, CASJ, BLPH, WIWA, HOWR, CALT, DEJU, ANHU, BUSH, CAQU, WREN, RCPA, SPTO, MODO, SOSP, RTHA, CATH, WEWP, AMCR

Mammals: Beechey Ground Squirrel, Audubon's Cottontail

Herps: Western Fence Lizard, Coastal Whiptail, Side-blotched Lizard, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Walked the site to determine any problem areas or locations that needed work.

0840: Crew broke for break.

0900: Spoke with Caesar regarding the decline of a handful of willows within the restoration area. Likely stress.


1055: Observed a juvenile Coastal Whiptail along the edge of Johnson Field.

1140: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_working_in_Johnson_Field_facingE.jpg
-118.17161353611111 34.19146222222222



stressed_willow_branch.jpg
-118.17192481944446 34.19101272222222



stressed_willow_tree_Johnson_Field.jpg
-118.17201586111112 34.19067568333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: September 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	14:30	81 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement, basin clearing, and various other maintenance tasks.
2. Hand tools (shovels, hoes) and hand pulling.
3. Gothic crew of eight and Caesar Olmos

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: WREN, HOFI, CATH, SOSP, BUSH, CASJ, RCPA, ALHU, ACWO, CALT, WIWA, BLPH, HOSP, RTHA, AMCR, CAKI, SPTO

Mammals: Beechey Ground Squirrel, Audubon's Cottontail

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0800: Walked along the top of the bank to assess animal activity near the basin.

0840: Crew broke for break.

1045: Observed a juvenile Coastal Whiptail along the path in DG-2 WOUS.

1140: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_fixing_irrigation_Johnson_Field_facingNE.jpg
-118.1715578555556 34.19079088888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	14:30	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four weeding in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, BUSH, OATI, LEGO, BLPH, SPTO, SOSP, ACWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0700: The crew began weeding.

0230: The crew stopped weeding and began cleanup.

Additional Comments

N/A

Signature





Photo_1-VegetationRemoval_before_S.jpg
-118.1756917222223 34.18987152777775



photo_2-VegetationRemoval_before_facingS.jpg
-118.17585235 34.1899552888888



photo_3-VegetationRemoval_after_facingS.jpg
-118.17568244444445 34.189876899999994



photo_4-VegetationRemoval_after_facingS.jpg
-118.17586347222223 34.189966569444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: September 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	5 %
End of Day	13:25	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Hand-weeding of non-native plants

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, MODO, SOSP, WEWP (pair), HOFI, CALT, AMCR, BEWR, COYE, ANHU, NUWO, California ground squirrel, CASJ, LEGO, CATH, WREN, BUSH, WIWA, NAWA, WETA, YEWA (female 500 feet north of weeding area in eucalyptus; silent), BLPH, ACWO, WBNU, OATI, CAKI, western fence lizard, BGGN, side-blotched lizard, Helianthus annuus, Cabbage White, coast whiptail (adults and juvs.), ALHU, Common Buckeye, Botta's pocket gopher, Checkered White, Gulf Fritillary.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0645: Prep.

0645-0700: Checked site for nests and sensitive species.

0700-1325: Weeding of DG-4A southwest of boulders. Moderate noise from heavy equipment working in Arroyo Seco most of morning (louder in early afternoon). Carrying out bales of weeds continued for a short time after 1325 hours when Survey123 was closed out..

Additional Comments

N/A

Signature





photo_1-20220921-DG-4A-lookingSE-before.jpg
-118.1757821 34.18986269444444



photo_2-2022092-DG-4A-lookingSE-after.jpg
-118.175764 34.1898644



photo_3-20220921-DG-4A-lookingS-before.jpg
-118.1758274 34.189924



photo_4-20220921-DG-4A-lookingS-after.jpg
-118.175764 34.1898644

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	15:00	80 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ACWO, LEGO

Reptiles: Western fence lizard

Amphibians: western toad Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on the western side slopes.

0900: Crew takes a break.

0915: Crew returns to work.

1010: Crew moves to work in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Crew_johnson_field_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:45	69 °F	0-3 MPH	0 %
End of Day	10:30	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Anthony Perez and an additional member from CBG and myself collecting blackberry cuttings from Big-T wash. Hand clippers were used for cutting.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, BLPH, BUSH, ANHU, SOSP, LEGO, SPTO, CALT, HOFI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0845: I surveyed the area for any least Bell's vireo and did not detect any.

0900: We began collecting blackberry cuttings along the stream North of the parking lot.

0930: We moved to another blackberry patch Northeast of the parking lot.

1030: We finished collections and packed up gear. No least Bell's vireo was detected during collections.

Additional Comments

N/A

Signature





photo_1-CollectionArea_before_facingN.jpg
-118.34509821111111 34.267791119444446



photo_2-CollectionArea_during_facingN.jpg
-118.34512796111111 34.26779843888889



photo_3-CollectionArea2_during_facingN.jpg
-118.34275508333333 34.267740930555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	15:00	80 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, ACWO, COHA, RTHA, PHAI

Reptiles: Western fence lizard

Amphibians: western toad

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on Johnson Field.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Crew_johnson_field_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	02:30	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4A South of "boulder".

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, CAQU, WEKI, SPTO, RCPA, SOSP, CASJ, CALT, CATH, LEGO, HOFI, California king snake (yellow and black).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: I cleared the work area.

0655: The crew started pulling vegetation.

0945: Crew removed young eucalyptus tree.

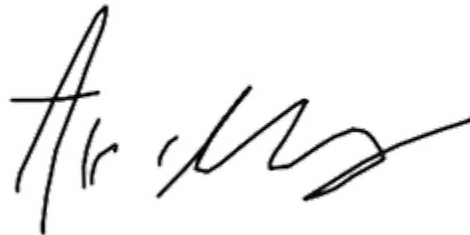
1230: I observed a king snake near the work area.

1430: The crew stopped pulling and began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingSW.jpg
-118.17573528888889 34.18956391111111



photo_2-VegetationRemoval_during_facingS.jpg
-118.17588611111111 34.18997076944444



photo_3-VegetationRemoval_after_facingSW.jpg
-118.17572840000001 34.18956877777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: September 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eleven plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCPA, NOMO, CALT, CATH, CASJ, HOFI, AMCR, ANHU, LEGO, ALHU, MODO, ACWO, COHA

Reptiles: Western fence lizard

Amphibians: Western toad

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work on DG-2, refreshing basins and targeting dodder.

0900: Crew takes a break.

0915: Crew returns to work.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1445: Crew stops work for the day.

Additional Comments

Signature





Overview_resevoir_maintenance_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	11:00	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four hand pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CASJ, CATH, RCPA, ATFL, CALT, SPTO, BLPH, BUTI, MODO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: I cleared the work area.

0700: The crew started pulling vegetation in DG-4A South West of "boulder".

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingW.jpg
-118.1760062777779 34.18975698888889



photo_2-VegetationRemoval_before_facingN.jpg
-118.1760379722223 34.189797



photo_3-VegetationRemoval_after_facing_W.jpg
-118.17597472222222 34.18972236111111



photo_4-VegetationRemoval_after_facing_N.jpg
-118.17603663888889 34.18980136944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: September 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	76 °F	4-6 MPH	10 %
End of Day	13:45	94 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five hand pulling weeds in DG-4 and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, AMCR, CATH, WREN, CAKI, MODO, CAQU, LEGO, CASJ, RCPA, ANHU, HOFI, BLPH, BUSH, NUWO, OCWA, BEWR, WEBL, DEJU, LASP, RSHA, AMKE, SAPH, CORA, SOSP, SPTO, RTHA, TUVU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area for the day.

0650: Cleared crew to work. Crew was working at the edge of a large clearing below the treeline, with work areas including DG-4 and DG-4A.

1000: Found a coyote den that appeared inactive, told crew to avoid by 20 feet to be safe.

1300: Surveyed phase three areas for weed growth and stake survival. Found an access trail that was new near the DG-4 WOUS channels leading over to DG-4A. Told crew to discontinue using this trail to minimize impact to the site.

1330: Crew began wrapping up pulling while I inspected the site.

Additional Comments

Signature





photo_1-20220926-before_weeding_facingW.jpg
-118.17596119444445 34.19007409722222



photo_2-20220926-after_weeding_facingW.jpg
-118.17601058333334 34.19006959444444



photo_3-20220926-weeding_area_facingW.jpg
-118.17602435277779 34.18998519444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: September 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	76 °F	0-3 MPH	0 %
End of Day	13:45	95 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image regular crew of five plus crew of four from Hemet hand pulling weeds in DG-4/DG-4A/DG-4 drainage.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, WREN, CALT, ALHU, CATH, CASJ, MODO, ACWO, EUCD, NUWO, RSHA, RTHA, OCWA, AMKE

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area. Cleared crew to work.

0650: Crew began weeding in DG-4 and DG-4A heading south towards the DG-4 drainage. Targets were a mix of poison hemlock, mustard and pepperweed. Reminded crew of nearby coyote den.

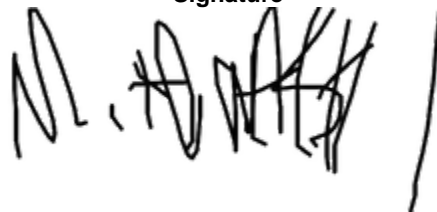
1200: Walked ph3 areas to estimate number of cuttings installed.

1330: Crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20220927-before_weeding_facingS.jpg
-118.17591761111112 34.190147286111106



photo_2-20220927-after_weeding_facingS.jpg
-118.17605893055556 34.189957611111105



photo_3-20220927-before_weeding_facingN.jpg
-118.17626836111111 34.19002638888889



photo_4-20220927-before_weeding_facingN.jpg
-118.17627802777778 34.19009558333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	72 °F	4-6 MPH	0 %
End of Day	14:30	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds and cutting with weed whackers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, SOSP, CALT, SPTO, BEWR, BUSH, ATFL, ANHU, ACWO, CASJ, CAQU, DEJU, HOFI, AMCR, RCPA, MODO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0650: The crew began pulling weeds in DG-4A.

0840: Three crew members started cutting weeds with weed whacker along the East side of DG-4A. Weed whacking ended at 1330 and the crew continued hand pulling until 1430.

Additional Comments

N/A

Signature





photo_VegetationRemoval_before_facing_S.jpg
-118.17541319444445 34.18977911944444



photo_2-VegetationRemoval_before_facing_W.jpg
-118.17592396111111 34.189671149999995



photo_VegetationRemoval_after_facing_S.jpg
-118.1754167777778 34.18977039999999



photo_VegetationRemoval_after_facing_S.jpg
-118.17588119444444 34.18962866666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: September 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	0 %
End of Day	14:30	83 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four hand pulling weeds and cutting weeds with weed whacker.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, BEWR, BUSH, ATFL, CASJ, CAQU, AMCR, RCPA, SOSP, HOFI, ACWO, MODO, SPTO, CATO, California king snake.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: The crew began pulling weeds in DG-4A.

0720: Two crew members started cutting weeds with weed whacker along the East side of DG-4A. Crew stopped weed whacking and pulling at 1430 and began cleanup.

Additional Comments

N/A

Signature





photo_VegetationRemoval_before_facing_W.jpg
-118.17526633333334 34.19007533333333



photo_VegetationRemoval_before_facing_S.jpg
-118.17622408333334 34.1892394



photo_VegetationRemoval_after_facing_S.jpg
-118.17524502777778 34.19010006944444



photo_VegetationRemoval_after_facing_S.jpg
-118.17616388888889 34.18926666666666

Devil's Gate Reservoir Restoration Project Fourth Quarter Compliance Report Activities Occurring Between October 2022 and December 2022

Submitted to:

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March 2023

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- Appendix B: Habitat Restoration Monitoring Logs
- Appendix C: Adaptive Management Report for the Invasive Shot Hole Borer Tree Removal
- Appendix D: City Protected Tree Survey - Addendum

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Description
CDFW	California Department of Fish and Wildlife
CNDDDB	California Natural Diversity Database
ESA	Environmentally Sensitive Area
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
LACPW	Los Angeles County Department of Public Works
MMRP	Mitigation Monitoring and Reporting Program
USFWS	U.S. Fish and Wildlife Service

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the fourth quarter of 2022 (October through December). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

"The Designated Representative or Designated Biologist shall compile the observation and inspection records identified in Condition of Approval 6.6 into a Quarterly Compliance Report during time periods when Initial Sediment Removal and Habitat Restoration activities have occurred. Quarterly Compliance Reports and a copy of the MMRP table with notes showing the current implementation status of each mitigation measure shall be submitted to CDFW's Regional Representative and Headquarters CESA Program."

This is the seventeenth report (Quarterly Compliance Report Number 17) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between October 1 and December 31, 2022.

2.0 COVERED ACTIVITIES

2.1 Biological Monitoring

Per Condition 6.6 in the ITP, "The Designated Biologist shall be on site daily when Covered Activities occur and when Covered Species are present, and weekly when Covered Species have potential to be present."

Per Condition 2.10a of the Streambed Alteration Agreement "...the Permittee shall have the Designated Biologist on site daily when protected species may be present to ensure that no impacts occur to protected species that are not authorized."

Per Conservation Measure 10 of the USFWS Informal Section 7 Consultation "If construction occurs between September 1 to March 14 (outside of the vireo breeding and nesting season), a designated construction monitor will conduct twice weekly inspections of the project site.

Daily monitoring of construction activities by a Designated Biologist occurred when ground-disturbing activities were taking place at the Project site. Daily monitoring of restoration activities was ongoing during the fourth quarter. Table 1 shows Project working dates and the biological monitors that were present on each date.

Devil's Gate Reservoir Restoration Project
Fourth Quarter 2022 Compliance Report

Table 1. Monitors Onsite During Work Days.		
Date	Construction Monitors	Restoration Monitors
10/3/2022	No Work	Michael Walsh, Josh Harris
10/4/2022	Jill Coumoutso*	Michael Walsh, Maddy Panzino
10/5/2022	Carla Marriner*	Alec Mang, Maddy Panzino
10/6/2022	Verity Richardson	Alec Mang, Josh Harris
10/7/2022	Eliza McLean	Alec Mang, Verity Richardson
10/10/2022	No Work – Indigenous Peoples' Day	Michael Walsh, Maddy Panzino
10/11/2022	Eliza McLean	Michael Walsh, Maddy Panzino
10/12/2022	Eliza McLean	Alec Mang, Verity Richardson
10/13/2022	Jill Coumoutso*	Alec Mang, Josh Harris
10/14/2022	Jill Coumoutso*	Alec Mang, Josh Harris
10/17/2022	Jill Coumoutso*	Dawn Garcia, Verity Richardson
10/18/2022	Jill Coumoutso*	Dawn Garcia, Maddy Panzino
10/19/2022	Eliza McLean	Alec Mang, Carter Warwick
10/20/2022	Carter Warwick	Alec Mang, Verity Richardson
10/21/2022	Carter Warwick	Alec Mang, Josh Harris
10/24/2022	Carter Warwick	Michael Walsh, Maddy Panzino
10/25/2022	No Construction Activities Occurred	Michael Walsh, Maddy Panzino
10/26/2022		Alec Mang, Carla Marriner
10/27/2022		Alec Mang, Carter Warwick
10/28/2022		Alec Mang, Carter Warwick
10/31/2022		Michael Walsh
11/1/2022		Michael Walsh, Carter Warwick
11/2/2022		Alec Mang, Eliza McLean
11/3/2022		Alec Mang, Carter Warwick
11/4/2022		Alec Mang, Carter Warwick
11/7/2022		Michael Walsh
11/8/2022		No Work due to weather
11/9/2022		Alec Mang, Carter Warwick
11/10/2022		Alec Mang, Josh Harris
11/11/2022		Alec Mang, Carter Warwick
11/14/2022		Michael Walsh, Eliza McLean
11/15/2022		Michael Walsh, Eliza McLean
11/16/2022		Alec Mang, Eliza McLean
11/17/2022		Alec Mang, Maddy Panzino
11/18/2022		Alec Mang, Carter Warwick
11/21/2022		Dawn Garcia, Maddy Panzino
11/22/2022		Dawn Garcia, Eliza McLean
11/23/2022		Alec Mang, Josh Harris
11/24/2022		No Work – Thanksgiving
11/25/2022		No Work – Day After Thanksgiving
11/28/2022		Michael Walsh, Carter Warwick
11/29/2022		Michael Walsh, Carla Marriner
11/30/2022		Alec Mang, Eliza McLean
12/1/2022		Alec Mang, Eliza McLean
12/2/2022		Alec Mang, Maddy Panzino
12/5/2022		Michael Walsh, Verity Richardson
12/6/2022		Michael Walsh, Eliza McLean
12/7/2022		Carley Adams, Maddy Panzino
12/8/2022		Verity Richardson, Eliza McLean
12/9/2022	Carter Warwick, Maddy Panzino	
12/12/2022	Verity Richardson, Eliza McLean	
12/13/2022	Carla Marriner, Eliza McLean	

Table 1. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
12/14/2022		Carley Adams, Eliza McLean
12/15/2022		Maddy Panzino, Eliza McLean
12/16/2022		Maddy Panzino, Eliza McLean
12/19/2022		Alden Lovaas, Maddy Panzino
12/20/2022		Alexandra Dorough, Eliza McLean
12/21/2022		Maddy Panzino, Eliza McLean
12/22/2022		Carla Marriner, Josh Harris
12/23/2022		Eliza McLean, Josh Harris
12/26/2022		No Work – Christmas Day
12/27/2022		Carter Warwick, Eliza McLean
12/28/2022		Alden Lovaas, Eliza McLean
12/29/2022		Alden Lovaas, Josh Harris
12/30/2022		Carter Warwick, Eliza McLean

*LBV Designated Biologist

2.2 Project Construction Activities

The following Project construction activities were conducted onsite during this reporting period:

- Project construction activities in the form of annual maintenance activities including sediment hauling continued through October 24, 2022.
- Sediment Removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.
- Small areas of emergent vegetation were cleared using bulldozers, skid steers and front loaders in preparation for hauling activities. All areas were surveyed prior to removal and all vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.

Construction monitoring logs from this quarter detailing daily activities are included in Appendix A.

2.3 Habitat Restoration Activities

The following habitat restoration activities were conducted onsite during this reporting period:

- Restoration activities continued from October 1, 2022 through December 31, 2022.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), lamb's quarters (*Chenopodium album*), poison hemlock (*Conium maculatum*), brome grass (*Bromus* sp.), riggut brome (*Bromus diandrus*), red-stemmed filaree (*Erodium cicutarium*), smilgrass (*Piptatherum miliaceum*), sweet alyssum (*Lobularia maritima*), Bermuda grass (*Cynodon dactylon*), pokeberry (*Phytolacca americana*), tree tobacco (*Nicotiana glauca*), castor bean (*Ricinus communis*), Jerusalem thorn (*Parkinsonia aculeata*), redshank (*Persicaria maculosa*), corn (*Zea mays*), tomato (*Solanum lycopersicum*), Himalayan blackberry (*Rubus armeniacus*), dodder (*Cascuta* sp.), short podded mustard (*Hirschfeldia incana*), white horehound (*Marrubium vulgare*), and tree of heaven (*Alianthus altissima*), were removed from DG-

1, DG-W-1 (Johnson Field), DG-W-1, DG-W-2 Mining Pit and Mining Pit Outlet, DG-2, DG-2 New Channels, DG-2-WOUS, DG-2B, DG-3A, DG-4, DG-4A, DG-4B, DG-4-WOUS, DG-4 Drainage, DG-4 Sheetflow, DG-4C, DG-5 DG-EMA East Side, DG-EMA West Side, and Flint Wash Temporary Impact Area onsite restoration areas and the side slopes of the basin, by hand pulling, using hand tools (shovels, hoes, rakes and clippers) and using weed whackers and chainsaws on occasion. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.

- Native plants including dodder (*Cascutta californica*), annual burweed (*Ambrosia acanthacarpa*), horseweed (*Erigeron canadensis*), and rough cockleburr (*Xanthium strumarium*) were removed to reduce competition for nutrients and water for planted container plants.
- Collected and planted cuttings of mulefat [*Baccharis salicifolia*], and willow [*Salix* sp.] in basins in DG-2.
- Maintained and monitored irrigation system, and watered cuttings.

Habitat restoration monitoring logs for this quarter detailing daily activities are included in Appendix B.

2.4 Adaptive Management Activities

During the fourth quarter reporting period LACPW completed the removal of trees located within the mitigation areas that were identified as being infested with the invasive short hole borer (ISHB). The purpose of the removal of the trees infested with ISHB was to eliminate the beetle-infested material from the mitigation areas and to minimize the spread of this invasive beetle species. Only larger existing trees in the mitigation areas that were dead or in a condition unlikely to recover were removed and none of the container plants or stakes that were installed as part of the habitat restoration implementation effort were included in the removal effort as they did not show any signs of infestation. An Adaptive Management Report for the ISHB tree removal activities was prepared and is included in Appendix C. An addendum to the City Protected Tree Survey Report for the additional trees removed is included in Appendix D.

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from January 1 to March 31, 2023.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 2 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities occurred during the 2022 fourth quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2022 fourth quarter reporting period. See Table 1 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2022 fourth quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 – 5/19/20, 3/17/21-3/26/21 07/19/22-07/28/22	Breeding season surveys for least Bell's vireo were completed in the third quarter reporting period. Preconstruction surveys for sensitive species ahead of annual maintenance activities were conducted by qualified biologists on July 19, 25, 26, and 28 2022. No preconstruction surveys took place during the fourth quarter of 2022.
MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20 3/1/21-4/16/21 7/28/22-8/30/22	Preconstruction surveys for nesting birds were completed during the third quarter of 2022. Active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored Project construction and restoration activities daily during the nesting season. The fourth quarter reporting period is outside of the nesting bird season.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
resume once the nest is determined to be inactive by the monitoring biologist.							
<p>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	<p>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/18 – 11/08/18 10/05/23-10/10/23</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. Additional preconstruction bat surveys were conducted ahead of ISHB tree removal activities during the 2022 fourth quarter reporting period. The report for these surveys is included as an attachment to Appendix C.</p>
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2022 fourth quarter reporting period.</p>

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> o Nonnative and invasive plant species removal, o Maintenance and monitoring schedule, o Qualitative and quantitative monitoring methodologies, o Selection criteria of reference sites, o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. <ul style="list-style-type: none"> • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> o Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, o Add soil amendments if problem soils may be inhibiting plant growth, o Replant if plant survival is low or to increase plant species cover or diversity, o Install different plant species for plant species that are not surviving, and o Close trails or install barriers if human-caused impacts are damaging the mitigation sites. <ul style="list-style-type: none"> • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> • Conduct Tree Survey • Identify and Protect Oak Tree Root Zones • Identify/Map Mitigation Sites • Prepare Habitat Restoration Plan • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2022 fourth quarter reporting period. Restoration activities were continued during the 2022 fourth quarter reporting period. An addendum to the City-Protected tree survey report was prepared to account for additional trees removed during the ISHB tree removal activities. This report is included in Appendix D.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). • Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2022 fourth quarter reporting period.</p>

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. ● Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. ● Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

*The Implementation and Monitoring phases are broken down into four categories: Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; and Reservoir Management. "Final Plans and Specifications" indicates that the mitigation measure must be incorporated into the final approved design, plans, and specifications for the project. "Pre- Sediment Removal" refers to measures that are required prior to the start of the sediment removal phase. "Sediment Removal" refers to all aspects of the Sediment Removal phase. "Reservoir Management" refers to all aspects of the Reservoir Management phase.

LIST OF APPENDICES

Appendix A: Construction Monitoring Logs

Appendix B: Habitat Restoration Monitoring Logs

Appendix C: Adaptive Management Report for the Invasive Shot Hole Borer Tree Removal

Appendix D: City Protected Tree Survey - Addendum

APPENDIX A

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Date of Log: October 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	64 °F	0-3 MPH	0 %
End of Day	15:00	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Loading sediment into dump trucks for us removal from site. Skip loader, excavator, three bulldozers, water truck and dump trucks.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NUWO, RTHA, BEWR, CASJ, ACWO, CAQU, WCSP, BUSH, CALT, SPTO, CORA, California Ground squirrel, Western whiptail

Did You Observe any Non-Compliance Issues? Yes No

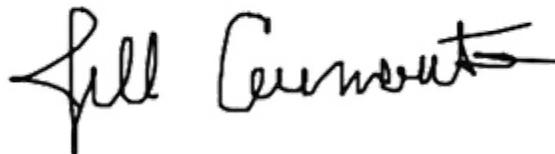
Log Entry

Sediment being removed from two large dirt piles. Skiploader loading into dump trucks at southern most pile, and excavator loading from larger northern most dirt pile.

Additional Comments

N/A

Signature





Loading_sediment_into_dump_truck_faceSW.jpg
-118.17223411944445 34.19186614999996



Excavator_loading_sediment_into_truck_faceW.jpg
-118.17196439722223 34.19232729444444



Bulldozer_compling_dirt_for_excavator_faceNW.jpg
-118.17224363888889 34.19201742777778



Bulldozer_creating_dirt_mound_for_removal_faceSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: October 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	30 %
End of Day	15:05	86 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Piling up & hauling dirt.
2. Three dozers: two D8 and one D7; one front loader/excavator; two water trucks; 5-10 dump trucks
3. Los Angeles (LA) County Public works PM; operators

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, HOFI, CASJ, SOSJ, Coyote , CORA, NUWO , CALT, BEWR, NOMO, MODO, SPTO, ANHU, AMKR, BLPH , LEGO, KILL, RTHA, Western fence lizard, Side blotched lizard, Coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

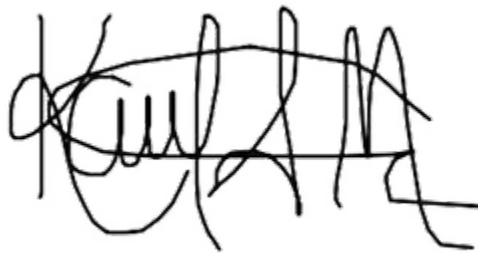
0630: Arrived onsite & talked to one of the operators. Work will primarily occur within the northern and middle portions of the reservoir.

1500: Ground disturbance/soil removal activities ended for the day.

Additional Comments

N/A

Signature





Sediment_removal_activities_within_basin_facingSW.jpg
-118.17153780555556 34.19261552777775



Front_loader_loading_dumptrucks_facingSE.jpg
-118.17228162500001 34.19295105555554



D8_at_northern_end_FacingW.jpg
-118.1710683 34.19475872222222



soilpiles_equipemt_northernportion_facingN.jpg
-118.17248735277778 34.19200309166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	15:10	82 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Loading and hauling dirt.
2. One excavator, track tracked dozers, one front loader, one skid steer, two water trucks, one road cleaner, 25 haulage trucks (dump trucks)
3. Los Angeles County Public Works (LACPW)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CASJ, SOSP, CORA, Amazona sp., KILL, CALT, GBHE, MODO, RTHA, NUWO, COHA, coastal whiptail, California ground squirrel, common side blotched lizard, monarch butterfly, cabbage white butterfly, Coyote, western honey bee

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site - combination lock not part of link.
0700: Conducted pre-works construction sweep.
0720: Monitored crew moving dirt into piles at northern end of site.
0845: Swept main entrance road to check for wildlife activity on road and in vicinity.
0920: Swept main exit road to check for wildlife activity on road and in vicinity.
0945: Monitoring loading and hauling activities.
1125: Swept main exit road to check for wildlife activity on road and in vicinity.
1155: Swept main entrance road to check for wildlife activity on road and in vicinity.
1220: Monitored ground disturbance activities.
1352: Observed coastal whiptail.
1415: Swept main exit road to check for wildlife activity on road and in vicinity.
1445: Swept main entrance road to check for wildlife activity on road and in vicinity.
1510: End of monitoring.

Additional Comments

N/A

Signature



TrackedDozer_Excavator_GradingNend_facingN_100622.jpg
-118.17198975000001 34.19253752777777



ExcavatorLoadingHaulageTruck_facingN_100622.jpg
-118.17226467500001 34.19269905555555



HaulingDirt_Grading_spraying_facingN_100622.jpg
-118.17220898611112 34.192643472222215



LoadingHaulageTrucks_facingE_100622.jpg
-118.1725967222222 34.19278705555556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	100 %
End of Day	15:00	87 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Sediment removal, grading.
2. Four dozers, one excavator, two water trucks.
3. Operators from Public Works.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RCPA, CORA, WCSP, SAVS, CASJ, CAKI, MODO, SOSP, YRWA, BUSH, OATI, BEWR, DOWO, common side-blotched lizard, California ground squirrel, western tiger swallowtail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0710: Crew headed into reservoir.

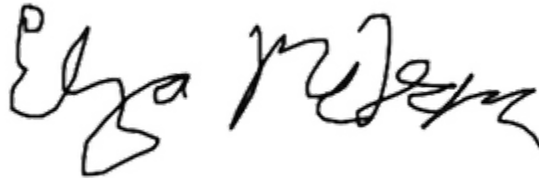
0710-1500: Monitored sediment removal and grading.

1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Dozer_loading_sediment_facingNW.jpg
-118.17239011111111 34.19188686111111



Excavator_loading_sediment_facingNW.jpg
-118.17199530555555 34.19228372222222



Grading_facingSW.jpg
-118.170887425 34.193814111111111



Mid_reservoir_end_of_day_facingNW.jpg
-118.17174320555556 34.192340499999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	100 %
End of Day	15:00	76 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Sediment removal, grading
2. 3 dozers, 1 frontloader, 1 excavator, 1 water truck
3. ISCO and Public Works operators

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RCPA, WCSP, CASJ, WEME, BUSH, YRWA, California ground squirrel, common side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0705: Crew headed into reservoir.

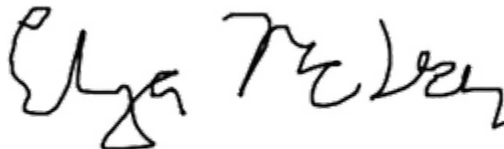
0705-1500: Monitored sediment removal.

1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Grading_N_Reservoir_facingNW.jpg
-118.17081741666667 34.19403886111111



Sediment_removal_facingSE.jpg
-118.17216872222222 34.19347025



Sediment_removal_facingE.jpg
-118.17241015277779 34.192870013888886



Mid_reservoir_end_of_day_facingSW.jpg
-118.17075613055556 34.19409308333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	65 °F	0-3 MPH	25 %
End of Day	15:00	80 °F	7-9 MPH	35 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Sediment removal, grading
2. Dozers, front loader, excavator, water truck
3. ISCO and Public Works operators

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, CASJ, WCSP, HOFI, BUSH, YRWA, AMRO, CORA, RTHA, California ground squirrel, common side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0705: Crew headed into reservoir.

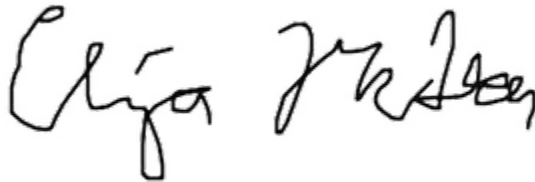
0705-1500: Monitored sediment removal and grading.

1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Grading_facingW.jpg
-118.17082275 34.19400283333333



Sediment_removal_facingSE.jpg



Piling_sediment_facingE.jpg



Mid_reservoir_end_of_day_facingNW.jpg
-118.1716325555556 34.19246208333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: October 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	64 °F	0-3 MPH	100 %
End of Day	15:00	75 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Compile sediment into mounds for removal from site. One excavator, two bulldozers, two skip loaders, water truck, dump trucks, one grader

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, ACWO, NOFL, CAQU, CASJ, HOFI, NOMO, BUSH, CORA, RTHA, WCSP, BEWR, MODO, OATI, KILL, RCPA, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Excavator and skid loader collecting sediment from one pile and loading up dump trucks for removal from site. Grader and bulldozers grading and compiling sediment into two piles.

Additional Comments

N/A

Signature





Excavator_loading_sediment_into_dumptruck_faceW.jpg
-118.17152056944445 34.19265958333333



Grading_compiling_sediment_faceW.jpg
-118.17146381944445 34.19302983333333



Skiploder_loading_dumptruck_faceS.jpg
-118.1715328000001 34.19300415

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: October 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	100 %
End of Day	15:00	75 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Grading and compiling sediment into mounds for removal. Two bulldozers, two skip loaders, excavator, water truck, dump trucks

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CORA, WCSP, AMCR, RSHA, KILL, COYE, BGGN, CASJ, ACWO, CALT, BUSH, CAQU, Desert cottontail, Western whiptail (2), Side blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

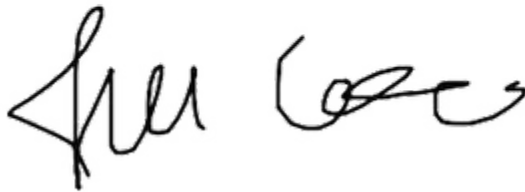
Log Entry

Working from three sediment piles. Excavator collecting from one pile and skip loaders collecting from other two piles.

Additional Comments

N/A

Signature





Excavator_filling_truck_with_sediment_facingW.jpg
-118.1715235 34.19245330555555



Dump_trucks_lining_up_to_collect_sediment_facingS.jpg
-118.17227597222222 34.19205647222222



Bulldozer_grading_compile_sediment_facingNW.jpg
-118.17165631666667 34.192414674999995



Skiploader_filling_dump_truck_facingN.jpg
-118.17131035 34.19305130555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: October 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	68 °F	0-3 MPH	0 %
End of Day	15:00	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Grading taking place two bulldozers, one skid steer, one skip loader, one grader, water truck

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, CALT, WCSP, CASJ, NOFL, BEWR, YRWA, HOFI, BGGN, BLPH, CATH, NOMO, RTHA, OATI, CORA, RCPA, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

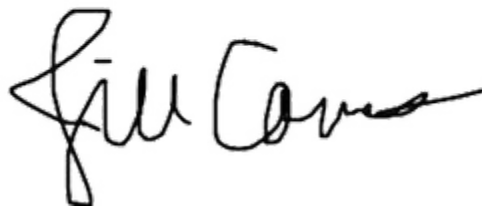
Log Entry

Two Bulldozers grading on site, one on North end and one on south end. Starting to compile sediment into pile on north end. Grader and skid steer both grading, skip loader moving boulders

Additional Comments

N/A

Signature





Bulldozer_grading_faceS.jpg
-118.17277550833334 34.191088602777775



Bulldozer_grading_faceN.jpg
-118.17149939722222 34.19301925



Skid_steer_grading_faceNW.jpg
-118.17071959444445 34.19407168055555



Compile_sediment_faceN.jpg
-118.17137116666667 34.19330447222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: October 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	0 %
End of Day	15:00	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Grading, compile sediment, creating ramp. Three bulldozers, two skip loaders, one grader, two water trucks.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CORA, WCSP, HOFI, AMKE, AMCR, RSHA, BEWR, CASJ, BGGN, OATI, Side-blotched lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

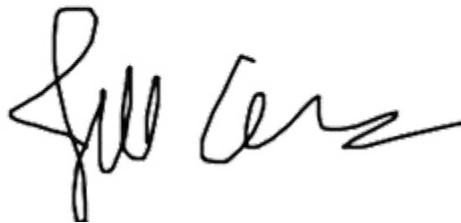
Log Entry

Grading, sediment compiling and removal, ramp was created near North end.

Additional Comments

N/A

Signature





Bulldozer_creating_ramp_facingSW.jpg
-118.17085075 34.19384097222222



Skiploader_loading_sediment_into_truck_facingS.jpg
-118.17252598611111 34.19160016666666



Bulldozer_grading_facingSE.jpg
-118.17320911111112 34.191500766666664



Ramp_created_in_hillside_facingW.jpg
-118.17152009722223 34.192654833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	71 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Sediment removal.
2. Two dozers, one front loader, one motor grader, one excavator, two water truck
3. Isco and Public Works operators.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RCPA, CORA, BLPH, WCSP, YRWA, MODO, HOFI, CASJ, California ground squirrel, common side-blotched lizard, Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site.

0705: Crew headed into reservoir.

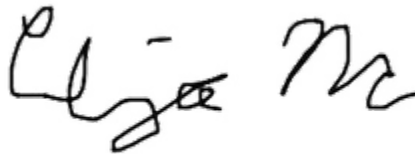
0705-1500: Monitored sediment removal.

1500: Crew finished work for the day. Left site.

Additional Comments

N/A

Signature





Piling_sediment_facingNW.jpg
-118.17216409722222 34.19213669444444



Piling_sediment_facingSW.jpg
-118.17253661111111 34.191604972222216



Grading_facingE.jpg
-118.1722506 34.19301833333333



Mid_reservoir_end_of_day_facingS.jpg
-118.17075071111111 34.19408030555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: October 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	68 °F	0-3 MPH	15 %
End of Day	15:00	88 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Sediment removal, grading, and construction of north access road. Two dozers, two haul trucks, one loader, two water trucks.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, HOFI, CASJ, KILL, BUSH, WCSP, MODO, CAKI, Amazona spp, coyote, fence lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: On site.

0705: Roads and work area clear.

0710: Equipment moving. Two dozers. one moving material near East drainage channel. One pushing sediment on North side.

0730: Loader and haul truck enter site.

0750: Blade and bobcat grading equipment storage area and access road.

0830: Complete road check. Sediment loaded into haul trucks and taken to North access road.

0900: Dozer grading East edge of basin, up against East EMA slope. Monitored to keep work in project area.

1000: Continuing to haul sediment to North access road.

1030: Compacting slope at North access road.

1115: Complete road check.

1130: Lunch.

1215: Grading sediment near new North access road with dozers.

1445: End work, equipment headed back to storage area.

Additional Comments

N/A

Signature

02/2



North_access_road_facingSW.jpg



Loading_haul_trucks_facingNW.jpg



Compacting_north_access_road_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: October 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	0 %
End of Day	15:00	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Two dozers, two loaders, two work trucks, two water trucks. Grading sediment on North side.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Amazona spp., AMCR, WCSP, BUSH, KILL, CATO, CASJ, BEWR, MODO, cottontail, fence lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: On site.

0705: Road check complete. Work area clear.

0715: Equipment moving. Two dozers pushing sediment on North side by new access road.

0800: Exit roads clear.

0835: Loader picking rocks from East slope up against EMA area. Monitored to keep work in appropriate boundary.

0900: Rocks being moved to North edge to outline mound supporting a telephone pole in the work area.

1030: Road check complete.

1130: Crew takes lunch.

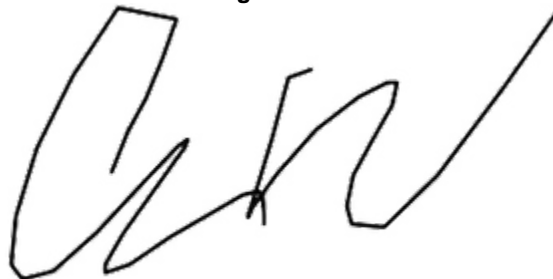
1245: Road check complete. Dozers continue to grade sediment on North side.

1445: Equipment moving back to storage area. End work.

Additional Comments

N/A

Signature





Dozers_grading_facingNE.jpg



Loader_picking_rocks_facingSW.jpg



Graded_north_side_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: October 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	0 %
End of Day	08:35	56 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Public works crew. Demobilizing equipment.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, HOFI, Amazona spp., AMCR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: On site.

0700: Roads and work area clear.

0715: No crew on site. Contact Tony Rothwell who said maintenance work was complete and the plan for the day was to move equipment out using North exit by JPL. No equipment will be operating in basin.

0745: Public works crew arrive. Confirm plan to demobilize equipment.

0815: Exit roads checked.

0830: Spoke to Maddy (restoration monitoring) who agreed to periodically check roads being used to demobilize.

0835: Depart.

Additional Comments

N/A

Signature





Equipment_storage_area_facingSW.jpg

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	13:45	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five weeding by hand and with line trimmers in DG-4A/DG-4.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, BUSH, RCPA, WREN, HAWO, CALT, AMCR, HOFI, EUST, BEWR, ANHU, MODO, ALHU, OATI, ACWO, WEBL, CASJ, DEJU, BLPH, NUWO, ROPI, CORA, SOSP, WIWA, GHOW, YEWA, RSHA, CAQU, CAKI, RTHA, California ground squirrel, Western fence lizard, orb weaver.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew gathered tools.

0650: Crew began weeding DG-4A and the edges of DG-4 on the far southeastern corner of DG-4A (the "primrose" clearing). Three crew members used line trimmers; primary targets were *Chenopodium album* and Pepperweed. Crew also removed some aggressive native forbs which include *Ambrosia acanthocarpa*, *Erigeron canadensis*, and *Xanthium strumarium* because they will likely plant this area and those species will compete with container plants for sunlight/water/nutrient resources.

1045: Crew member opened large in-ground Yellowjacket hive, escaped before being stung. Advised crew to avoid by 30 feet.

Additional Comments

Signature





photo_1-20221003-before_weeding_facingW.jpg
-118.1764458888889 34.18945299444444



photo_2-20221003-after_weeding_facingW.jpg
-118.1763865 34.189438325

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	04:45	57 °F	0-3 MPH	0 %
End of Day	14:45	83 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal within DG-2; focus on removing *Cuscata californica* from container plants.
2. None
3. Gothic; crew of eight plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, ACWO, CASJ, ALHU, COHA, LEGO, BEWR, CAQU, WCSP, CALT, WIWA, SOSPO, WREN, BLPH, SPTO, common side blotched lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

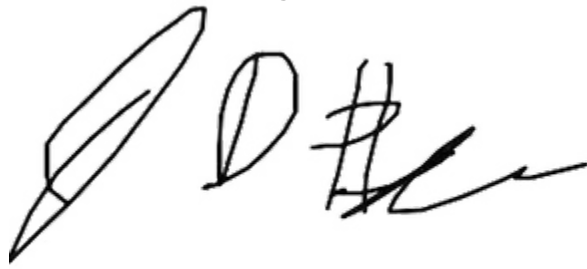
Log Entry

0545: Arrived on site. Carley and Maddi arrive, we drive down to Johnson Field to meet Gothic crew.
0610: Found out crew would be arriving at 0630.
0630: Gothic crew arrives. Carley, Maddi and I go ahead to clear DG-2. Crews plan was to focus on removing *Cuscata californica* from container plants.
0710: Carley and Maddi leave.
0748: Spoke to Cesar, said the crew would be turning on some valves for the irrigation system. Crew was trying to catch up on work after being off for a week.
0845: Crew takes a break.
1115: Crew continues to pull *Cuscata californica* within DG-2.
1145: Crew takes lunch.
1237: Crew returns from lunch.
1245: Cesar said he was sending two workers to rake pulled vegetation from the channels.
1400: Crew continues with pulling *Cuscata californica*.
1434: Crew cleaning up.
1444: Crew leaving site.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'D' followed by a series of connected, cursive-like strokes.

Before_weed_removal_within_DG-2_area_facing_northeast.jpg
-118.17110695555556 34.19317765277778



Weed_removal_during_within_DG-2_facing_northeast.jpg



After_weed_removal_within_DG-2_facing_northeast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	14:45	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six hand pulling weeds in DG-4/DG-4A

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, ACWO, RCPA, NUWO, WCSP, CALT, AMCR, COHA, LEGO, SOSPO, RSHA, HOFI, NOFL, BUSH, BLPH, EUCD, MODO, CAKI, San Diego gopher snake, southern pacific rattlesnake, California chorus frog, Western toad, WEME, SPTO, WEBL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0645: Monitored weeding in DG-4A and DG-4. Crew continued as they had yesterday, pushing through areas which had been staked to remove Chenopodium and pepperweed (and aggressive native forbs where required).

1030: Crew member reported finding a large rattlesnake, advised crew to avoid.

1300: Worked on inventory of staked areas.

1430: Crew began wrapping up pulling while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20221004-before_weeding_facingS.jpg
-118.1766386666668 34.18942210277776



photo_2-20221004-after_weeding_facingS.jpg
-118.17661411111112 34.18948961111111



photo_3-20221004-before_weeding_facingN.jpg
-118.17647293333334 34.18949798888889



photo_4-20221004-after_weeding_facingN.jpg
-118.17645652777779 34.18958018611111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	14:30	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation and dodder removal.
2. Hoses, buckets, hand tools.
3. Gothic landscaping, Caesar Olmos and crew of ten.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Desert cottontail, California ground squirrel, side blotch lizard, Western fence lizard, coastal whiptail, RCPA, BEWR, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, CASJ, CALT, HOFI, SPTO, BGGN, ANHU, BLPH, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0645: Attend morning tailboard. Crew to be removing dodder and catching up on irrigation.

0650 crew begins work in Johnson field and DG-2 areas, irrigating with hoses/buckets and removing dodder by hand.

0650-1430: Monitored crew while work continued. No corrective action required.

Additional Comments

N/A

Signature





CrewBeginningDodderRemoval.jpg
-118.17213780555556 34.19042267499999



IrrigatingCuttings.jpg
-118.17090525555557 34.19138428611111



WateredCuttingsDG-2.jpg
-118.17197513333333 34.190180372222216



DodderRemovalJohnsonField.jpg
-118.17194519444445 34.19160655555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	14:31	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Dodder removal.
2. Hand shovels, hoes.
3. Gothic Landscape, Cesar Olmos and crew of five.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Desert cottontail, side blotch lizard, Western fence lizard, coastal whiptail, RCPA, BEWR, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, CASJ, CALT, HOFI, SPTO, BGGN, ANHU, BLPH, BUSH, COYE, WREN, YRWA, NUWO, YEWA, CAKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 Arrive on site.

0650: Crew begins work in Johnson Field removing dodder by hand.

1100: Observed female yellow warbler foraging on telegraph weed near north fence of Johnson field.

1430: Crew finishes work for the day.

1435: Depart site.

Additional Comments

N/A

Signature





Dodder_Removal_Mulefat.jpg
-118.17193741666667 34.19176427777777



Irrigated_Mulefat_JohnsonField.jpg
-118.17147293333333 34.19077561111111



Dodder_Removal_CoyoteBush.jpg
-118.17211974166668 34.19189006666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	14:30	83 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four hand pulling weeds in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WCSP, ANHU, SOSP, RSHA, ACWO, CALT, SPTO, MODO, WREN, CASJ, CAQU, CORA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area. Crew began pulling at 0705. The crew worked in DG-4A and moved West towards the primrose fields. Crew stopped pulling at 1430 and began cleanup.

Additional Comments

N/A

Signature





photo_VegetationRemoval_before_facingW-.jpg
-118.1764645277778 34.189608880555554



photo_2-VegetationRemoval_before_facing_W-.jpg
-118.17652340000001 34.18955331944444



photo_3-VegetationRemoval_After_facingW-.jpg
-118.17646183333333 34.18965721111111



photo_4-VegetationRemoval_After_facingW-.jpg
-118.17654755555556 34.189586399999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	86 °F	0-3 MPH	100 %
End of Day	14:50	82 °F	4-6 MPH	34 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Pulling *Cuscuta californica* and watering container plants in DG-2.
2. None.
3. Gothic; eight crew members plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, NOMO, LEGO, RCPA, ACWO, CALT, WCSP, CASJ, CATH, GBHE, WEBL, SPTO, RCKI, HOWR, YRWA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site at the same time as several workers.

0640: Spoke to Cesar about work and work area. Crew would continue to pull *Cuscuta californica* in DG-2 and water container plants.

0655: Crew beginning work.

0739: Checked on crew watering container plants and crew pulling *Cuscuta californica*.

0915: Break.

0930: Return from break.

1200: Lunch.

1238: Return from lunch.

1335: Spotted rattlesnake within DG-2. Informed Cesar Olmos and a handful of crew members in the area.

Additional Comments

N/A

Signature





Crews_beggining_to_water_plants_facing_northeast.jpg



Before_weeding_in_DG-2_facing_southwest.jpg



Crew_during_weeding_effort_in_DG-2_facing_south.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:30	79 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of five hand pulling weeds in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, LEGO, AMCR, CORA, RSHA, BUSH, RSHA, OCWA, BEWR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630 I cleared the work area. Crew began pulling at 0700. The crew worked in DG-4A and moved West towards the primrose fields. Crew stopped pulling at 1430 and began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingW-.jpg
-118.17658768055556 34.18959706944444



photo_2-VegetationRemoval_during_facingE-.jpg
-118.17674341666667 34.18956631944444



photo_3-VegetationRemoval_during_facingW-.jpg
-118.17672841666668 34.18968646111111



photo_4-VegetationRemoval_after_facing_W-.jpg
-118.17659272222222 34.189613861111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	100 %
End of Day	15:00	89 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Maintaining restoration areas: Removing non-natives from Johnson's field and south of Johnson field.
2. Hand tools - hoes, rakes, clippers etc.
3. Gothic landscaping, Cesar Olmos (foreman) plus nine crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Cottontail, Southern pacific rattlesnake, cabbage white, California ground squirrel, carpenter bee, coastal whiptail, common side blotched lizard, western toad, CAQU, MALL, RTHA, ACWO, ANHU, CORA, parrot sp., CALT, SOSP, WCSP, WREN, CASJ, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Met crew at Johnson Field.

0630: Tailboard meeting.

0645: Crew begin removing dodder, wild carrot, non-native grass, from Johnson's field and area South. Collecting into bags and removing from the site.

1139: Observed coastal whiptail.

1500: End of day.

Additional Comments

N/A

Signature





RemovingDodder_restablishingWaterbasins_100722.jpg
-118.17227802777778 34.18995942777777



RemovingDodderfromRestorationArea_100722.jpg
-118.17231392777778 34.18987213888889



RemovingNonNatives_100722.jpg
-118.1722786666667 34.190011111111104



WeedRemoval_100722.jpg
-118.1717349638889 34.19021346111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	11:00	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of six hand pulling weeds in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, WCSP, CALT, CASJ, WREN, AMCR, CORA, SOSP, ACWO, BUSH, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: The crew began pulling weeds. The crew focused on clearing vegetation around irrigation lines and around planted trees. The crew continued working in DG-4A working west into the primrose fields.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingS-.jpg
-118.17692222222223 34.18957222222222



photo_2-VegetationRemoval_after_facingS-.jpg
-118.17697222222223 34.18968611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	4-6 MPH	100 %
End of Day	13:48	78 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of six weeding DG-4A

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WREN, LEGO, CASJ, WCSP, CALT, CAQU, RSHA, NOFL, ACWO, WEME, RCPA, MODO, CAKI, BUSH, ANHU, southern pacific rattlesnake, western toad, western fence lizard, common side blotched lizard, California ground squirrel, HOFI, ECDO,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Cleared work area for crew.

0650: Crew began weeding DG-4A in the "primrose" area just next to the trail. Areas which had been staked were being choked out by aggressive native herbs (*Erigeron canadensis*, *Ambrosia acanthacarpa*, *Xanthium strumarium*), so the crew removed those where appropriate along with pepperweed, poison hemlock, and tree of heaven.

0730: A crew member reported a Yellowjacket hive, advised crew to avoid area.

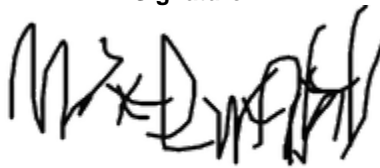
1200: Observed a juvenile southern pacific rattlesnake next to the parking lot. Advised crew to take a path which avoids that area.

1345 Crew wrapped up for day, left site.

Additional Comments

N/A

Signature





photo_1-20221010-before_weeding_facingW.jpg
-118.17696447222222 34.18959619444444



photo_2-20221010-after_weeding_facingW.jpg
-118.17694758333334 34.18962802777777



photo_3-20221010-before_weeding_facingE.jpg
-118.17694483333334 34.189999924999995



photo_4-20221010-after_weeding_facingE.jpg
-118.17688541666668 34.19003075

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:35	80 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Dodder and pepper weed removal, irrigation system repair.
2. Hand tools (hoes, shovels, rakes, pliers, etc.).
3. Gothic landscape, Cesar Olmos and crew of six landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Desert cottontail, California ground squirrel, western toad, side blotch lizard, western fence lizard, coastal whiptail, gopher snake, Red-crowned parrot, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, COHA, CASJ, CALT, HOFI, SPTO, BGGN, ANHU, NOMO, BLPH, BUSH, COYE, WREN, YRWA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0655: Crew begins work in Johnson Field and DG-2, pulling weeds (pepper weed) and removing dodder by hand.

1000: Two crew member fix leak in irrigation system.

1300: Crew begins pulling weeds in EMA east side.

1430: Crew finishes work for the day.

1440: Depart site.

Additional Comments

N/A

Signature





Removing_Pepperweed.jpg
-118.17225692777778 34.18995489722222



Maintenance_DG-2Area.jpg
-118.17228686111112 34.18934855555554



Removing_Dodder.jpg
-118.1722800777778 34.19003161111111



Weed_AbatemetEMA.jpg
-118.17373009722223 34.18771430555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	13:45	74 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of six weeding DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, BUSH, SPTO, COHA, CAQU, CASJ, AMCR, BEWR, LEGO, BLPH, NOFL, RTHA, MODO, ROPI, ACWO, CALT, NUWO, WCSP, YRWA, WEBL, WEME, ECDO, ANHU, WREN, RCPA, HAWO, RCKI, BGGN, HUVI, DEJU, OATI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0650: Crew began weeding DG-4A near the perimeter trail (the 'primrose' area).

1200: A Cooper's hawk made a kill near crew, but the bird appeared visibly agitated. Moved crew south to next clearing, gave the area a brief survey.

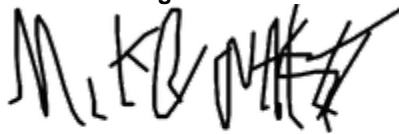
1245: Checked and the COHA was still eating. Told crew we would not continue working in that vicinity for rest of day; and that cleanup should only be limited to piles which were adjacent to the trail and out of line of site.

1330: Monitored the removal of these tarps; was done quietly and by hand. Kubota was pushed in neutral for ~100 feet before starting so it didn't get scared off.

Additional Comments

Did not take an after photo because it was too close to the hawk mentioned above; did not want to scare it away from its kill.

Signature





photo_1-20221011-before_weeding_facingN.jpg
-118.17689936111111 34.19013195833333



photo_2-20221011-hauling_tarps.jpg
-118.17538168333334 34.192398930555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	61 °F	0-3 MPH	100 %
End of Day	14:30	77 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Irrigation maintenance, some weeding and dodder removal.
2. Hand tools (shovels, rakes, hoes, etc.)
3. Gothic landscape, Cesar Olmos and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Monarch butterfly, western toad, side blotch lizard, western fence lizard, coastal whiptail, RCPA, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, COHA, CASJ, CATO, HOFI, SPTO, BGGN, ANHU, NOMO, BLPH, BUSH, COYE, WREN, YRWA, CAQU, RCKI, OATI, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Crew begins work in EMA east side area, pulling nonnative weeds with hand tools.

0720: Spoke with Tony Rothwell from public works. Public works doesn't want the Gothic truck to be down in the basin area (in the way of haul trucks) during sediment removal activities.

0730-1420: Gothic crew begins maintenance activities in DG-2, attending to irrigation system. Crew cut back/ removed some ambrosia to better access irrigation system. Also planted some mulefat and willow propagations where ambrosia was. Small amounts of dodder and weed removal was done throughout the day.

1430: Crew finishes work for the day.

1435: Depart site.

Additional Comments

N/A

Signature





EMA_before_weeding_facingN.jpg
-118.17381416666667 34.18788852777777



Container_Plant_Maintenance_DG-2.jpg
-118.17291070833333 34.188470205555554



Irrigation_Maintenance_DG-2.jpg
-118.17204268611111 34.19106166666666



Planting_Willow_DG-2.jpg
-118.17270540833334 34.18895296666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	64 °F	0-3 MPH	20 %
End of Day	14:55	82 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Removal of non-native vegetation.
2. Hand tools - hoes, clippers, shovel.
3. Cesar Olmos, Jonathan, and eight crew members.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, CATH, CORA, WREN, CASJ, ACWO, LEGO, BUSH, RTHA, Side- blotched lizard, Western toad, California ground squirrel, cottontail, harvester ant, Western honey bee, bee fly, monarch butterfly, coastal whiptail, cabbage white butterfly, Western tiger swallowtail,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Tail gate meeting with crew.

0645: Began pulling non-natives in DG-2 and DG-2-WOUS, primarily dodder and tree of heaven.

1139: Observed coastal whiptail.

1435: Carrying bags of removed vegetation back to the dump.

1455: End of monitoring.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping loops and lines, positioned below the 'Signature' label.



Removing_Dodder_DG-2_101222.jpg
-118.17252279166667 34.19027723333333



Worker_removing_dodder_101222.jpg
-118.17257356944445 34.190781861111105



Restoring_irrigation_basins_DG-2_101222.jpg
-118.17175161111112 34.19016736111111



Restoring_basins_removing_Dodder_101222.jpg
-118.17175822222222 34.19017683333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	75 %
End of Day	13:30	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of five pulling weeds in DG-4A "primrose field".

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, CAQU, CALT, ACWO, WCSP, CASJ, MODO, SOSP, BUSH, BEWR, WREN, alligator lizard, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: The crew began pulling weeds around the East edges of "primrose".

0830: I checked under vegetation piles left from the previous day. I moved one alligator lizard out from under the pile.

0915: One crew member cleaning up vegetation piles. The rest of the crew continued pulling weeds.

1330: The crew stopped pulling a began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingE.jpg
-118.17665044444445 34.19034198888889



photo_2-VegetationRemoval_during_facingW.jpg
-118.17697380555556 34.19068305555555



photo_3-VegetationRemoval_after_facingE.jpg
-118.1766623333334 34.190319036111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	57 °F	0-3 MPH	100 %
End of Day	14:43	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Water line and container plant maintenance
2. None. Hand tools were used.
3. Gothic; Cesar Olmos (foreman) plus ten crew members.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

KILL, CATH, CALT, ACWO, CASJ, CORA, HOSP, RCPA, RSHA, BUSH, OATI, WCSP, BEWR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Crew members begin arriving.

0640: Spoke to Cesar about the plan for the day. He said they would be fixing water lines and basins of container plants in DG-2 and DG-2B.

0645: Site walk of area.

0728: Crew began fixing basins of container plants and fixing water lines to plants.

1145: Lunch.

1245: Return from lunch.

1259: Crew is continuing to fix basins and watering container plants.

1415: Cesar says the crew will pick up where they left off tomorrow.

1420: Crew cleaning up.

1433: Crew leaving site while I finish my log.

Additional Comments

N/A

Signature





Prior_to_maintanece_of_basins.jpg



After_maintenance_of_basins.jpg



Crew_fixing_basins_and_irrigation_facing_south.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:00	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of six hand pulling weeds in DG-4 East of "primrose".

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, CASJ, WREN, ACWO, AMCR, CALT, CAQU, SOSP, WCSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

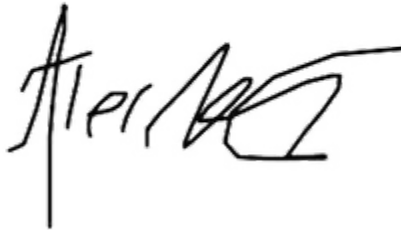
0630: I cleared the work area.

0700: The crew began pulling weeds in the forested area East of "primrose". The crew continued pulling until 1400 and then stopped for cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingS.jpg



photo_2-VegetationRemoval_before_facingE.jpg



photo_3-VegetationRemoval_after_facingS.jpg



photo_4-VegetationRemoval_after_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	61 °F	0-3 MPH	100 %
End of Day	14:09	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Container plant basin and water line maintenance in DG-2 areas.
2. None. Hand tools only.
3. Gothic; Cesar Olmos (foreman) and ten crew members.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, CASJ, GHOW, LEGO, BEWR, RCPA, BUSH, ANHU, CALT, WIWA, GBHE, WCSP, HOSP, NOMO, CATH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Crew members begin to arrive.

0640: I clear the work areas within DG-2.

0700: Crew begins to work in DG-2 and DG-2B. Crew is fixing water lines and basins of container plants.

0745: Three crew members switch to pulling *Cuscuta californica* in DG-2 WOUS.

0845: Break.

1130: Spoke with Cesar before he left for the day. Said the crew would continue with the work until the end of the day.

1230: Lunch.

1300: Return from lunch.

1400: Crew is cleaning up.

Additional Comments

N/A

Signature





Basin_prior_to_fixing.jpg



Basin_after_being_fixed.jpg



Crew_pulling_cuscata_within_DG-2_WOUS_facing_north.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	11:00	67 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

Natures Image crew of five hand pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, ACWO, MODO, LEGO, SOSP, WCSP, BUSH, CORA, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

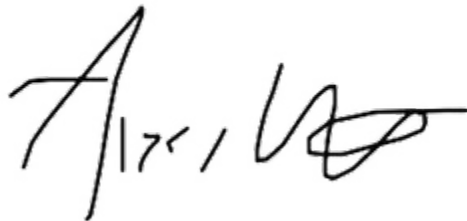
Log Entry

0630: I cleared the area for work. The crew began weeding at 0650 in DG-4 on the edge of "primrose". Crew stopped weeding at 1100 and began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before_facingE-.jpg



photo_2-VegetationRemoval_before_facingE-.jpg



photo_3-VegetationRemoval_after_facingE-.jpg
-118.17670823611111 34.19069733333333



photo_4-VegetationRemoval_after_facingE-.jpg
-118.17677787777778 34.19059783333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	56 °F	0-3 MPH	30 %
End of Day	14:52	83 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Restoration Activity:

1. Removing non-native vegetation.
2. Hand tools (hoes).
3. Cesar, Jonathan plus eight crew members.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CASJ, COHA, CALT, RCPA, CAQU, SOSPO,

Coastal whiptail, California ground squirrel, Monarch butterfly, side-blotched lizard, Western toad, Western honey bee, cabbage white butterfly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0640: Tailboard meeting.

0650: Crew began pulling dodder from Johnson's Field and reshaping basins around plants.

1255: Coastal whiptail observed basking on irrigation pipe.

1435: Crew began collecting bags of vegetation and took to exit.

1450: End of monitoring.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping loops and lines, appearing to be a stylized name.



ReshapingBasins_JohnsonsField_101722.jpg
-118.17179639444446 34.19202505555554



RemovingDodder_JohnsonsField_101722.jpg
-118.17112776111112 34.19126865555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: October 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	0 %
End of Day	14:30	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image (IT) Genero, Ed, Linda, Carlos, Ryan hand pulling. Another NI crew of four plus Raul helping in DG-4 site covered with chenopodium.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA flying west, AMCR flying east (big numbers at dawn), Western toads very cold in AM, still some 1" size. CALT, NOFL, WREN, NUWO, BEWR, HOFI, ANHU, BUSH, COHA (adult), CORA, SPTO, ACWO, LEGO, BUSH, WREN, WCSP, SOSP, CSJA, BLPH, RSHA, BTPI, RCKI, AMGO, OATI, 30+parakeet flyover with red on face, ORJU, BANO feather, many lizards.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew starts weeding east of primrose mostly dead pepperweed. Avoiding patches of poison oak. Crew of two comes in and weeds dense understory of chenopodium. Some native nettle, blackberry and mugwort mixed in 0830 all crew in southern most part of DG-4A. Continued here the rest of the day.

Additional Comments

Potential snake burrow but dig by coyote (?) in DG4A site where crew works. Looks unused and overgrown. Found a Barn Owl feather here too. Plucking post had multiple species killed here including western tanager and quail.

Signature





Pre-weeding_site_facing_N_DG4.jpg
-118.17642368055556 34.19069205555555



Pre-weeding_DG4A_southern_area.jpg
-118.17735446111112 34.18906052777778



post-weedingDG4A_southern_area.jpg
-118.1773097222223 34.189062111111106



Wildlife_use_of_weeded_areas_raptor_pluck_post.jpg
-118.1764432222223 34.190675166666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	14:30	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, container plant maintenance, watering.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Cesar Olmos, and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Monarch butterfly, Western toad, side blotch lizard, Western fence lizard, coastal whiptail, RCPA, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, CASJ, CALT, HOFI, SPTO, ANHU, NOMO, BLPH, BUSH, COYE, WREN, CAQU, TUVU, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

06:45: Crew begins work in Johnson field, maintaining irrigation lines and dirt rings around container plants.

12:45: Crew begins work in DG-2, doing the same maintenance activities.

14:30: Crew finishes work for the day.

14:35: Depart site.

Additional Comments

N/A

Signature





Fixing_Irrigation_Line_Johnson_Field.jpg
-118.17182646111111 34.19091363055555



Planter_Maintanance_Johnson_Field.jpg
-118.1717354888889 34.19108063055554



Planter_After_Maintenance.jpg
-118.17158950833334 34.19136651388889



Watering_Johnson_Field.jpg
-118.17085929444445 34.19139016666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: October 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	13:30	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight with Raul, handpulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, CALT, LEGO, AMCR, RCPA, SPTO, BEWR, CSJA, NUWO, EUST, ANHU, NOFL, ACWO, COHA (young), SOSP, BNOW (another feather found weeding area). RSHA, YRWA, WCSP, CORA, CALT, RCKI, SPTO, WTSW, BUSH, NOMO, ALHU, BTGR, alligator, side-blotched, fence lizards, gopher snake, BLPH, HOWR, TOWA, OCWA, OATI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Head down to DG4A, South site to resume handpulling invasives. Plenty of natives here too including nettle, mugwort, blackberry. Crew all here. Linda checks irrigation.

0830: I walk the site at crew break. Find large dark , fat tailed snake. No rattling.

0900: Rest of day, crew continues east, covering a lot of ground. Edwardo finds a small gopher snake. Carlos finds a large alligator lizard.

Additional Comments

heated up last 2 days.

Signature





pre-weeding_section_facing_north.jpg
-118.17730763888889 34.189059880555554



pre-weeding_facingW_DG4A.jpg
-118.17716381944444 34.18885906944444



post_weeding_facing_N.jpg

-118.1772882777778 34.18901561111111



Example_of_multiple_post_weeded_areas_DG4A.jpg

-118.17723497222222 34.18885623055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: October 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	14:30	92 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, Caesar, Jonathan

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, LEGO, HOFI, BUSH, BEWR, COYE, AMCR, CALT, CASJ, RSHA, ACWO, KILL, BLPH, MOD0, cottontail, California ground squirrel, whiptail, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Tailboard. Caesar said the crew planned to mostly do detail work and fix irrigation in DG-2. Not many nonnatives left for them to pull.

0845: Crew break.

0945: Continuing detail work, mostly pulling dodder and fixing irrigation.

1100: Hauling dead ambrosia out of DG-2 to dumpster.

1146: Crew lunch.

1315: Continuing to remove dodder and dead vegetation.

1430: End work.

Additional Comments

N/A

Signature





Gothic_crew_facingW.jpg



Irrigation_work_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	0 %
End of Day	13:30	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six weeding in DG-4 and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, CASJ, CAQU, WREN, ANHU, SOSP, WCSP, MODO, LEGO, BUSH, ACWO, AMCR, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work. One coyote den was found during pre-clearance and crews stayed clear of that area.

0700: The crews began weeding.

0900: Tree removal crews showed up and began work in the "mining pit". Our crew was far enough south to not be in the way of any tree removal activities.

1330: Crews stopped weeding and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation Removal_before_facingW-.jpg
-118.17708758333333 34.18927034166666



photo_2-Vegetation Removal_before_facingE-.jpg
-118.17687656944445 34.18928880555555



photo_3-Vegetation Removal_after_facingW-.jpg
-118.17704098611111 34.18924526944444



photo_4-Vegetation Removal_after_facingE.jpg
-118.17686127777779 34.18926019444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	68 °F	0-3 MPH	80 %
End of Day	14:45	89 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing non-native (poison hemlock) and dodder from restoration areas (Johnson's field, DG-2, DG-2-WOUS), restoring basins around plants.
2. Hand tools e.g. hoes, rakes, shovels.
3. Gothic - Cesar Olmos with nine workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, COHA, CASJ, ALHU, CALT, CAQU, ANHU, Coyote, western toad, cottontail, side-blotched lizard, California ground squirrel, monarch butterfly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site met crew.

0635: Tailboard meeting.

0710: Crew began pulling dodder and poison hemlock from Johnson's field, DG-2 and DG-2 WOUS.

1425: Moving collected vegetation in bags to dumpster.

1440: End of monitoring.

Additional Comments

N/A

Signature





Restoring_Basins_DG-2-WOUS_102022.jpg
-118.17230525833334 34.18989700833333



Removing_Dodder_and_Poison_Hemlock_DG-2-WOUS_102022.jpg

-118.17226304444445 34.18990674166666



Crew_removing_dodder_DG-2_102022.jpg
-118.1723975 34.19064030555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	25 %
End of Day	01:30	81 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six removing weeds in DG-4A near the bank of the basin.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WREN, KILL, BUSH, CALT, WEBL, RTHA, ACWO, CAQU, CASJ

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0650: The crew began pulling weeds in DG-4A working East toward the basin.

1330: The crew stopped weeding and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facingE.jpg



photo_2-Vegetation_Removal_after_facingE.jpg
-118.17644026111111 34.18925005555554



photo_3-Vegetation_Removal_before_facingS.jpg



photo_4-Vegetation_Removal_after_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:24	59 °F	0-3 MPH	0 %
End of Day	14:23	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Fixing irrigation lines to container plants, fixing container plant basins and pulling weeds.
2. Hand tools only.
3. Gothic; crew of nine plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, KILL, LEGO, CASJ, ACWO, RSHA, RCPA, BUSH, RCKI, SPTO, WCSP, CALT, YRWA, BEWR, Side blotched lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0624: Arrived on site. Several crew members here sitting in their cars.

0644: Crew has a tailboard with Cesar.

0648: Spoke to Cesar, said the plan was to fix irrigation lines to plants, fixing basins of container plants and pull non-natives.

0700: Crew begins pulling *Lepidium latifolium* behind water tank in DG-3A.

0728: Crew fixing container plant basins in DG-2.

0747: Cesar said he was heading out for the day. The crew would continue with the rest of the work.

0845: Break.

0918: Crew back from break.

1032: Crew continues with same work in DG-2.

1230: Lunch.

1316: Crew returns from lunch.

1416: Crew cleaning up.

Additional Comments

N/A

Signature





Non-natives_prior_to_weeding_DG-3A.jpg



DG-3A_after_non-natives_are_pulled.jpg



DG-3A_during_weeding_facing_north.jpg



Container_plant_after_being_fixed.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	11:00	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of six pulling weeds in DG-4A along the side slope of the basin.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, ACWO, HOFI, WREN, AMCR, CALT, BLPH, BEWR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area.

0700: The crew began weeding.

0830: Edison tree crews arrived to trim along the west road under the power lines. Tree crews blocked most of the road making it difficult to get NI vehicles close. Most of the crew began removing tarped vegetation around 1000 due to the long walk. NI crew finished weeding at 1100 and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facingS.jpg



photo_2-Vegetation_Removal_after_facingS.jpg



photo_3-Vegetation_Removal_before_facingW.jpg



photo_4-Vegetation_Removal_after_facingW.jpg

-118.1765414 34.18891934722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	4-6 MPH	0 %
End of Day	14:00	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six weeding in DG-4 with hand tools.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, CALT, BUSH, AMCR, RCPA, WEBL, ACWO, NUWO, CASJ, MODO, WBNU, ANHU, SOSP, NOMO, WEME, WCSP, DEJU, NOFL, San Diego alligator lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0645: Crew began weeding DG-4. Work area was a phase one planted area just south of the lowest DG-4A clearing, primary targets were *Chenopodium album* and *Lepidium latifolium*. Some Smilo grass in area. Keyed out *Persicaria lapathifolia* with Jepson manual- advised crew not to remove.

1200: Crew moved to a DG-4 planted area adjacent to the trail. Primary targets were Himalayan blackberry and smilo grass. Re educated crew on difference between native and nonnative blackberries; both were on site.

1345: Crew began wrapping up while I inspected the site.

Additional Comments

Found a new invasive species for the site- 3 *Phytolacca americana* plants. Had crew remove them carefully; this is the first recent sighting of that species on site to my knowledge.

Signature





photo_1-20221024-before_weeding_facingS.jpg
-118.17718608333334 34.188755538888884



photo_2-20221024-after_weeding_facingS.jpg
-118.17719034444445 34.18875212499999



photo_3-20221024-pre_weeding_facingE.jpg
-118.1775478888889 34.1892558972222



photo_4-20221024-post_weeding_facing_E.jpg
-118.1775283888889 34.18923416666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	14:30	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement in EMA, container plant maintenance in DG-2.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Cesar Olmos and crew of ten landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Monarch butterfly, western toad, side blotch lizard, western fence lizard, coastal whiptail, RCPA, CATH, ACWO, CORA, AMCR, SOSP, WCSP, RTHA, CASJ, CALT, HOFI, SPTO, ANHU, YRWA, NOMO, BLPH, BUSH, COHA, WREN, CAQU, TUVU, RCKI, WTSW, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0655: Crew begins work on southern end of DG-2, maintaining dirt rings around container plants.

0740: Confirmed that construction will not occur in the basin today, Crew begins weed abatement in Episodic maintenance area (EMA) using hand tools.

1400: Crew begins loading pulled weeds into truck.

1430: Crew finishes work for the day.

1435: Depart site.

Additional Comments

N/A

Signature





EMA_Before_facingN.jpg
-118.17378716666667 34.18790634166666



EMA_During_facingN.jpg
-118.17375016666666 34.18788030555555



EMA_After_facingN.jpg
-118.17376658333333 34.18789004722222



EMA_After_facingS.jpg
-118.17300465833334 34.18954947222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	13:30	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten hand pulling weeds in DG-4 near the basin slope.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, BGGN, AMCR, SOSP, WCSP, BUSH, HOFI, LEGO, RCPA, KILL, NOFL, CORA, NUWO, CAQU, COHA, RSHA, BTYW, AMKE, BEWR, YRWA, ACWO, RCKI, San Diego alligator lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0655: Crew began weeding DG-4/DG-4A near the edge of the basin; primary target was *Chenopodium album*. One crew member on irrigation. Noted a lot of *Tamarisk* sp. seedlings on the bottom of the basin slope, see photograph.

0730: Relocated a large San Diego alligator lizard.

0900: Found a coyote den, advised crew to avoid. Appeared active.

1200: Three crew members began removing tarps while rest of crew continued. Crew was allowed to park the Kubota and a work truck near the weeding area in the basin. Specifically explained that nobody was to drive into the EMA or the non-vegetated channel inside of it; showed drivers exactly where they were allowed to park.

1315: Whole crew moved onto cleanup, inspected site.

Additional Comments

N/A

Signature





photo_1-20221025-pre_weeding_facingS.jpg
-118.17651902777779 34.188914436111105



photo_2-20221025-post_weeding_facingS.jpg
-118.17661511111112 34.188953444444444



photo_3-20221025-Tamarisk_in_basin_facingN.jpg
-118.17672833333334 34.18807721388889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: October 25, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	14:15	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement in EMA and side slopes.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Cesar Olmos and crew of ten landscapers

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

western toad, side blotch lizard, western fence lizard, RCPA, CATH, ACWO, CORA, AMCR, SOSF, WCSP, RTHA, CASJ, CALT, HOFI, SPTO, ANHU, YRWA, BLPH, BUSH, HOWR, BEWR, CAQU, RCKI, AMPI, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0655: Crew continues weed abatement effort in Episodic maintenance area (EMA) using hand tools.

0800: Crew moves to side slopes EMA near dam for weed abatement.

1330: Crew begins weed abatement near Altadena drainage.

1410: Crew finishes weeding for the day.

1415: Depart site.

Additional Comments

N/A

Signature





EMA_before_facingN.jpg
-118.1729845555556 34.19039925833333



EMA_after_facingNE.jpg
-118.17302830555556 34.19031758333333



EMA-SideSlopes_facingS.jpg
-118.1745262222223 34.1861879166666



Altadena_weeding_facingW.jpg
-118.1731594444445 34.1872888111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: October 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	52 °F	0-3 MPH	30 %
End of Day	14:30	74 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal; irrigation check; trash removal; general maintenance activities occurring within restoration site Southeast (SE) and East (E).
2. Hand tools.
3. Gothic landscape - Cesar and crew ~11 workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, COHA, CASJ, BEWR, HOFI, BUSH, CALT, AMCR, Amazonia sp., LEGO, YRWA, WCSP, SOSP, WREN, MODO, CATH, OCWA, RSHA, CORA, CAQU, BHGR, Squirrel, Cottontail, Western fence lizard, Painted lady butterfly, Monarch butterfly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Met with landscape contractor. Crew mobilized to the SE portion of restoration site to remove weeds.

0700: Started walking the perimeter of restoration sites with Cesar.

0730: Maintenance activities occurring including irrigation valves checks.

0845: Crew-break

Maintenance activities - bio monitoring: Crew has been working on the restoration site removing dodder from shrubs and tree branches and other small weeds - picking up trash, fixing irrigation valves.

1150: Lunch break.

1230: Maintenance activities continue on the eastern portion.

1230-1430: Monitored weed removal the rest of the day/coordinated activities with landscape contractor.

1430: End of maintenance activities for the day.

Additional Comments

N/A

Signature





Weeding_activities_facingS.jpg
-118.17249773055556 34.18941172222222



Mulefat_cuttings.jpg

-118.17250692500001 34.1893537277777



View_of_restoracion_site_SE_facingN.jpg
-118.17275879166667 34.188894194444444



Contractor_removing_Nonnative_dodder_.jpg
-118.17194806111111 34.190541819444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 26, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	14:00	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six pulling weeds in DG-4A and one crew member on irrigation.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, CASJ, ACWO, BTYW, BUSH, HUVI, RSHA, AMCR, BEWR, HOFI, SOSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area. One coyote den was found, and I created at 25-foot buffer. Crews began weeding at 0710 in DG-4A along the basin and worked their way south.

1315: Crew drove Natures Image truck into basin to load up vegetation. Crews stopped pulling at 1400.

Additional Comments

N/A

Signature





photo_CoyoteDen-facingW.jpg
-118.17672163888889 34.18873987222222



photo-VegetationRemoval-before-facingS.jpg



photo_VegetationRemoval_after_facingS.jpg
-118.1769326555556 34.1887303333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Date of Log: October 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:30	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic restoration crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, RSHA, AMCR, CALT, CATH, SOSP, LEGO, BLPH, WREN, NOMO, HOFI, AMKE, Amazona spp., coyote, BGGN, ACWO, NOFL, RCKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Tailboard.

0650: Begin working on backside of DG-2. Fixing basins and irrigation. Removing small sections of dodder.

0930: Crew break.

1000: Continue dodder removal.

1130: Checking irrigation for damage from animals.

1200: Lunch.

1230: Continue to remove dodder on back side of DG-2.

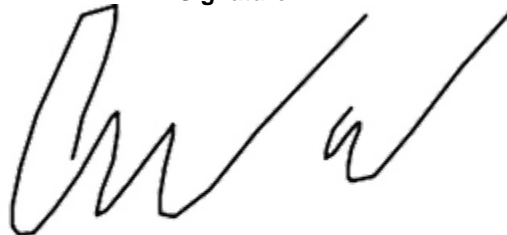
1420: End work.

1430: Depart.

Additional Comments

N/A

Signature





Maintained_irrigation_basin.jpg



Dodder_removal_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	13:30	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of six weeding in DG-4 and one NI crew member on irrigation.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SBMU, YRWA, BLPH, AMCR, CALT, CORA, WCSP, MODO, BEWR, HOFI, SOSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I surveyed the work areas.

0700: The crew finished off weeding where they left off the day before in DG-4A.

0745: We moved to the far South end in DG4 along the basin ramp. The crew worked their way back north along the ramp.

1330: The crew stopped weeding and began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-before-facingW.jpg



photo_2-VegetationRemoval-during-facingS.jpg



photo_3-VegetationRemoval-after-facingW.jpg
-118.17684776388889 34.18676

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: October 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:30	76 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic restoration crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BLPH, WCSP, LEGO, Amazona spp., ACWO, CATH, CASJ, HOFI, AMCR, RCKI, CALT, BGGN, ANHU, RSHA, NOFL, cottontail, California ground squirrel, western fence lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site. Crew having issues with lock on North side, drove around to use South access.

0705: Work starts in DG-2. Continuing to do detail work, removing small sections of dodder. Continue checking irrigation.

0830: Bagging removed vegetation to be hauled out.

0930: Crew break.

1000: Continue removing dodder.

1100: Cesar departs.

1200: Lunch.

1230: Checking basins/irrigation/pulling dodder.

1330: Bagging up removed vegetation to be hauled out.

1430: End of work.

Additional Comments

N/A

Signature





Dodder_removal_facingSE.jpg



DG-2_after_dodder_removal_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: October 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	11:00	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of seven weeding in DG-4 and one crew member on irrigation.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, SOSP, BLPH, WEME, AMKE, COHA, WTSW, CALT, CASJ, BEWR, BUSH, ACWO, HOFI, MODO, RCPA, WCSP, KILL, YRWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0700: The crew began weeding at the south end working their way North. Crew stopped weeding at 1100 and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facingN.jpg



photo_2-Vegetation_Removal_during_facingN.jpg



photo_3-Vegetation_Removal_after_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: October 31, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	20 %
End of Day	13:45	79 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight weeding in the Flint wash.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, AMCR, SOSF, YRWA, CALT, WREN, BUSH, BEWR, ACWO, NOFL, HOFI, COHA, NUWO, EUST, BTPI, LEGO, ANHU, MGWA, BLPH, WCSP, KILL, CORA, coyote, California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, coordinated with foremen.

0645: Surveyed work area.

0655: Cleared crew to weed the Flint wash. Clearly delineated borders of the polygon so the crew knew where to weed since this area is new to them. Primary weeds were: *Chenopodium album*, pepperweed, and castor bean. Natives were sparse, but included *Ambrosia acanthacarpa*, *Salix goodingii* and mulefat. Identified several coyote dens, most looked inactive or sparsely used. Had crew avoid working directly near the openings or standing over them.

1330: crew began wrapping up while I inspected the site.

Additional Comments

Macgillivray's warbler (very uncommon, but not special-status) observed in flint wash.

Signature





photo_1-20221031-pre_weeding_facingS.jpg
-118.17661158333334 34.18636900555555



photo_2-20221031-post_weeding_facingS.jpg
-118.17662452777778 34.18639630833333



photo_3-20221031-pre_weeding_facingNE.jpg
-118.17659344444445 34.18638604999996



photo_4-20221031-post_weeding_facingNE.jpg
-118.1765855138889 34.1863657916667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	10 %
End of Day	14:30	70 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, removing dodder throughout Johnson field and DG-2.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, CATH, ACWO, RSHA, CASJ, AMCR, coyote, CALT, BUSH, RCKI, cottontail, MODO, NOFL, NOMO, SPTO, BGGN, western fence lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0645: Tailboard. Crew doing some watering on NE side of Johnson field. Still some dodder spread sparsely though out DG2 and Johnson field.

0930: Crew break.

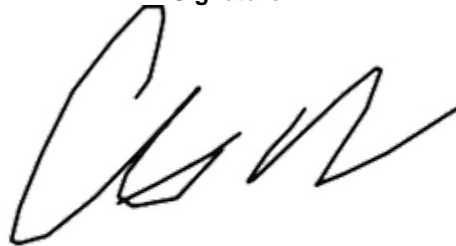
1000: Continue watering individual basins.

1430: Depart site.

Additional Comments

N/A

Signature





Photo_1_irrigated_basins_facingE.jpg



photo_2-removed_dodder.jpg



photo_3-watering_materials_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	4-6 MPH	7 %
End of Day	13:45	68 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine weeding the Flint Wash, foreman Genaro.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CORA, YRWA, RSHA, RCPA, BLPH, HOFI, WCSP, SOSP, EUST, LEGO, WTSW, CASJ, coyote, desert cottontail, fox squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area while crew set up.

0650: Cleared crew to work in Flint Wash. Numerous new/less common weeds in channel included barnyard grass, *Persicaria maculosa* (P. lapathifolia, a native, also present), *Zea mays* (corn), *Solanum lycopersicum* (tomato), palm trees, castor bean and tree tobacco. Monitored weeding. A possibility active coyote den was avoided by 20 feet.

1000: Some crew members went slightly east, up the hill. Primary target in this area was *Chenopodium album*, some pepperweed.

1330: Crew wrapped up while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20221101-before_facingS.jpg
-118.1762802222223 34.18636372777774



photo_2-20221101-after_facingS.jpg
-118.17626458333334 34.186357916666665



photo_3-20221101-before_facingW.jpg
-118.17616982222222 34.186357486111106



photo_4-20221101-after_facingW.jpg
-118.17584136111111 34.186356436111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	56 °F	4-6 MPH	95 %
End of Day	09:15	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing dodder.
2. Shears, rakes.
3. Crew of eight, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Bullfrog, desert cottontail, RSHA, CALT, ACWO, WCSP, AMCR, YRWA, CASJ

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0700: Crew started work: removing dodder from native vegetation.

0845: Started raining. Crew took a break to wait out the rain.

0915: Crew and I left site due to rain. Restoration will continue as usual tomorrow.

Additional Comments

N/A

Signature





Rain_break_facingNW.jpg
-118.1713951388889 34.1922743055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:00	65 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six weeding in DG4 West of the truck ramp.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BLPH, KILL, AMCR, RSHA, YRWA, HOFI, BEWR, RCPA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Crew planned to weed in the Flint Wash area but the creek was flowing and blocking access to the area (photo 1).

We continued weeding in DG-4A on the South side just West of the truck ramp.

0930-1010: Crew stopped work to avoid moderate downpour. Work picked up again at 1015. Crew continued working North and ended at 1400.

Additional Comments

N/A

Signature





photo_1-FlintWash_facingE-.jpg



photo_2-VegetationRemoval_before_facingN.jpg



photo_3-Vegetation_Removal_after_facingN-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	30 %
End of Day	14:30	62 °F	7-9 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew. Weed removal on East restoration site.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, LEGO, CASJ, Amazona spp, AMCR, BUSH, HOFI, RSHA, MODO, HETH, NOFL, ACWO, CALT, BGGN, KILL, western fence lizard, whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0710: Tailboard and safety briefing for crew.

0725: Crew begins detail work on West side of DG-2.

0930: Break.

1000: Continue detail work.

1030: Haul out bags of clippings to dumpster North of Johnson Field.

1200: Lunch.

1230: Checking irrigation and watering individual basins.

1300: Continue detail work, removing dodder.

1420: End work.

1430: Depart site.

Additional Comments

N/A

Signature





photo_1-crew_safety_meeting.jpg



photo_2-dodder_clippings_facingNW.jpg



photo_3-new_irrigated_basin_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 3, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	7-9 MPH	15 %
End of Day	13:45	63 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of nine weeding in DG-4 on the South end.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, YRWA, KILL, WCSP, SOSP, HOFI, BLPH, MODO, CORA, RSHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I checked Flint Wash and determined it was still unsafe to cross (pic 1). The crew continued working at the South end in DG-4 at 0715. Crew continued working North and stopped weeding at 1345 and began cleanup.

Additional Comments

N/A

Signature





photo_1-Flint_Wash-facingE.jpg



photo_2-Vegetation_Removal_before-facingN-.jpg



photo_3-Vegetation_Removal_after-facingN_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	40 %
End of Day	14:30	67 °F	4-6 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, East side restoration. Removing weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, WCSP, RSHA, CASJ, BGGN, ACWO, NOFL, WREN, ANHU, AMCR, AMKE, MODO, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0645: Tailboard.

0650: Crew begins removing dodder. Not much left to be removed. Small detail work. 0900: Crew break.

0930: Dodder removal along middle stretch of Johnson Field.

1045: Checking irrigation for leaks.

1100: Cesar departs.

1130: Crew lunch.

1200: Continue detail work along W side of DG-2, some small patches of dodder.

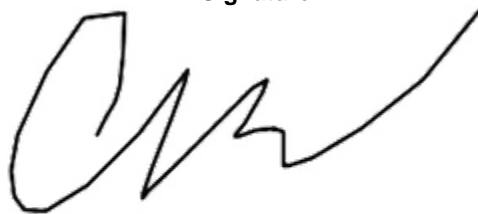
1415: End work.

1430: Depart site.

Additional Comments

N/A

Signature





photo_1-dodder_removal_in_DG2_facingN.jpg



photo_2-work_area_post_removal_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 4, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	11:00	64 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight weeding at Flint Wash.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

KILL, CORA, CASJ, CALT, YRWA, MODO, OATI, SOSP, WCSP, RCPA, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

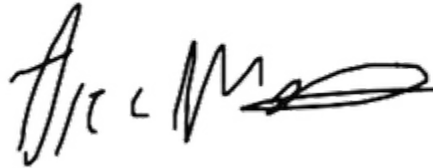
Flint wash was finally dry enough to continue work. 0630 I checked for safe crossing and cleared the area for weeding.

0700: The crew began weeding on the East side of the upper bank of Flint Wash. I kept crews 20 feet away from steep banks along the wash for safety. I found coyote burrows, most old and one possibly active on the Northeast side of the upper bank, crews avoided this area. Crew stopped weeding at 1100.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before-facingE-.jpg



photo_2-Vegetation_Removal_during-facingS-.jpg



photo_3-Vegetation_Removal_after-facingE-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	4-6 MPH	100 %
End of Day	11:15	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding in DG-4B.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, AMCR, NOFL, ACWO, CALT, RSHA, CASJ, BUSH, WBNU, RCKI, BEWR, SPTO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Coordinated with Foremen on plan for day; moved to DG-4B from flint wash; rain was decided to be too big a hazard for working there.

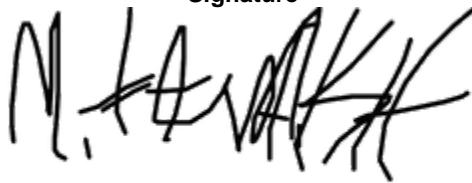
0645: Monitored weeding in DG-4B. Primary target was perennial pepperweed and Cuscuta growing on container plants. Raining on and off for day, crew would wait out heavier events in nearby cars.

1100: Called work for the day- rain got too heavy. Photographed site and left.

Additional Comments

N/A

Signature





photo_1-20221107-pre_weeding_facingN.jpg
-118.1751326666667 34.19198506944444



photo_2-20221107-post_weeding_facingN.jpg
-118.17511733333333 34.19204656944444



photo_3-20221107-pre_weeding_facingS.jpg
-118.1751254 34.19197709444444



photo_4-20221107-post_weeding_facingS.jpg
-118.17513041666668 34.19203234722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	02:30	62 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, East side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, AMCR, Amazona spp, CASJ, CATH, CALT, ACWO, BGGN, WCSP, NOFL, RCKI, MALL, KILL, CORA, BUSH, RSHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0655: Tailboard. Plan is to continue detail work. Not many new weeds despite recent rain.

0830: Fixing basins after rain erosion.

0930: Crew break.

1000: Continue basin work.

1200: Crew lunch.

1230: Continue detail work in Johnson Field.

1330: Fixing basins on North slope of Johnson Field.

1420: End work.

1430: Depart site

Additional Comments

N/A

Signature





photo_1-reservoir_basin_facing_SW.jpg



photo_2-Johnson_Field_basin_work_facingE.jpg



photo_3-basin_after_restoration.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	25 %
End of Day	14:00	59 °F	7-9 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine hand pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COHA, CORA, CAQU, HOFI, CALT, SPTO, SOSP, YRWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: We began in the North end in the chaparral area. I cleared the area and the crew began weeding at 0700. Mostly small patches of mustard in the area. The crew fanned out over DG-4 working South. By 1330 they reached the SE edge of the chaparral area and continued cleaning around the planted mulefat. Crew stopped weeding at 1400 and began cleanup.

Additional Comments

Electrical pole on fire at the North West corner by the horse stables. Fire crews and Edison arrived around 0945. Fire put out around 1030. Fire contained to the pole.

Signature





photo_1-Vegetation_Removal_Start_Area_facingS-.jpg



photo_2-Vegetation_Removal_during_facingS_.jpg



photo_3-Vegetation_Removal_End_Area_facingN_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: November 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:32	43 °F	0-3 MPH	0 %
End of Day	14:38	65 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Container plant basin maintenance.
2. No equipment used. Hand tools only.
3. Gothic; Cesar (foreman) plus eight workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, RCPA, RTHA, CASJ, RUHU, BGGN, BEWR, HOFI, MODO, BLPH, RCKI, YRWA, CAQU, NOMO, CORA California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0632: Arrived on site. Several crew members already here.
0638: Tailboard. Crew will be focusing on fixing container plant basins that have degraded during the rain storm.
0645: Crew began work.
0824: Crew continuing to work within Johnson Field fixing basins.
0845: Break.
1100: Crew continuing with basin maintenance.
1145: Lunch.
1311: Five crew members break off to conduct maintenance in DG-2.
1424: Cleaning up.

Additional Comments

N/A

Signature





Crew_conducting_basin_maintenance_facing_west.jpg



Crew_fixing_basins_and_pulling_dodder_facingNW.jpg



Finished_product_of_basin_maintenance.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 10, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	0 %
End of Day	14:00	62 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine pulling weeds in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, RCPA, CAQU, ACWO, SOSP, SPTO, CALT, CATH, MODO, BLPH, TUVU, AMCR, BUSH, BEWR, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0700: Crew began working in the mulefat patch at the end of DG-4 chaparral area. Crew finished this area around 0800 and moved to the North West corner of the chaparral area, pulling newly sprouting mustard all about a foot tall (pic 3). Crew stopped weeding at 1400 and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_start_mulefat_facingE-.jpg



photo_2-Vegetation_Removal_during_facingE-.jpg



photo_3-Vegetation_Removal_mustard_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	30 %
End of Day	02:30	69 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, east side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, AMCR, CORA, HOFI, ACWO, CANG, MALL, KILL, CALT, NOFL, BGGN, RSHA, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0645: Tailboard. Some horehound popping up on Northwest side of Johnson Field, crew will start there. They would like to repair basins on West slope but still too slick after rains.

0930: Break.

1000: Continue detail work in Johnson Field.

1200: Crew lunch.

1230: Detail work in DG-2.

1300: Checking irrigation for leaks.

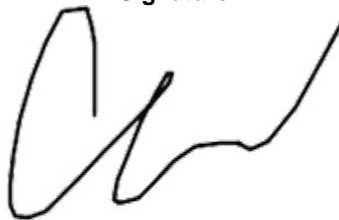
1415: End work.

1430: Depart site.

Additional Comments

N/A

Signature





photo_1-horehound_to_be_removed.jpg



photo_2-horehound_removal_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 11, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	15 %
End of Day	12:00	63 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five pulling weeds in DG-4 and DG-4C.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WCSP, BEWR, CALT, ACWO, CASJ, MODO, CAKI, CANG, MALL, KILL, RSHA, HOFI, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I began clearing the work area. The crew began weeding at 0700 in DG-4/DG-4C along the hillside West of the mining pit. The crew worked their way from North and ended near the parking lot at 1100 and began cleanup.

1115-1200: I did the bi-weekly photo points task.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_begining_Area-facingS-.jpg



photo_2-Vegetation_Removal_before_facingE_.jpg



photo_3-Vegetation_Removal_after_facingE_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	0 %
End of Day	14:00	69 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 13 weeding in DG-W-2 mining pit with hand tools and an electric saw.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, YRWA, ACWO, WCSP, CALT, AMCR, CASJ, HOFI, BUSH, RCKI, NOFL, CAQU, BEWR, CATH, BGGN, LISP, CAKI, LEGO, MODO, California ground squirrel, Common side blotched lizard, Western toad, Coastal whiptail, RCPA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, surveyed work area while crew mobilized.

0645: Crew began weeding DG-W-2 mining pit. Primary target was pepperweed, which was still very short in stature and scattered. Crew also removed horse weed from planting basins in an area where it was very thick and re-formed them.

1000: Crew removed a nonnative palo verde sapling (DBH 1.5) using a motorized saw.

1230: Found a large leak in mining pit, advised crew to repair. Crew was nearing south end of mining pit.

1350: Crew began wrapping up while I surveyed the site.

Additional Comments

N/A

Signature





photo_1-20221114-pre_weeding_facingN.jpg
-118.17421861111112 34.19366527777775



photo_2-20221114-post_weeding_facingN.jpg
-118.17395963888889 34.19368797222222



photo_3-20221114-pre_basin_maintenance_facingE.jpg
-118.17376761944445 34.19362751111111



photo_4-20221114-post_basin_maintenance_facingE.jpg
-118.17373023333334 34.19366123333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	46 °F	0-3 MPH	0 %
End of Day	14:45	67 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Mounding dirt around container plants to increase water retention, removing dodder.
2. Hand tools.
3. Crew of eight, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CANG, SOSP, RCPA, RWBL, WCSP, HOFI, KILL, GCKI, CALT, CASJ, MALL, California ground squirrel, Desert cottontail, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started working.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Dirt_mounding_facingW.jpg
-118.17278372222222 34.18881613888889



Dirt_mounding_facingS.jpg
-118.17265467777779 34.18903896666665



Removed_dodder_facingS.jpg
-118.17227188333334 34.19005801666666



Vegetation_to_be_removed_facingNE.jpg
-118.17233559444445 34.18981329444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	0 %
End of Day	13:45	68 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine weeding DG-W-2 mining pit, DG-4, DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CASJ, YRWA, AMCR, WCSP, CALT, DEJU, ACWO, CANG, MALL, BUSH, RCPA, BGGN, KILL, AMWI, AMCO, HOFI, RNDU, BUFF, RUDU, REDH, CASJ, RSHA, NOFL, CORA, WEBL, CAKI, LEGO, EUST, BLPH, NUWO, CATH, ECDO, MODO, EAGR, OATI, ALHU, RTHA, SAPH, WEME, RCKI, WREN, WBNU, BEWR, ANHU, HETH, OCWA, California ground squirrel, common side blotched lizard, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, surveyed work area while crew set up.

0645: Crew began weeding DG-W-2 mining pit. Primary targets were poison hemlock and pepperweed, both of which were very scattered. Crew quickly worked through mining pit.

0900: Crew moved to the far northern end of DG-4 WOUS, headed south. Similar targets/density, work continued to move very fast.

1335: Crew began wrapping up for the day, they had finished most of DG-4 WOUS.

Additional Comments

N/A

Signature





photo_1-20221115-pre_weeding_facingW.jpg
-118.17438654444445 34.19250238888888



photo_2-20221115-post_weeding_facingW.jpg
-118.17442558333333 34.19243797222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	47 °F	0-3 MPH	0 %
End of Day	14:45	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Mounding dirt for water retention; removing dodder, pepperweed, carrot.
2. Hand tools.
3. Crew of ten, Gothic Landscaping

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, CALT, HOFI, AMCR, YRWA, VESP, WCSP, CANG, WREN, HOLA, SAPH, CASJ, Western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started work.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Carrot_sp_to_be_removed_facingN.jpg
-118.1723452777778 34.190020591666666



Mounding_dirt_facingSE.jpg
-118.1716910222223 34.190236



Nonnative_to_be_removed_facingE.jpg
-118.1715904027778 34.1905238805555



Dodder_to_be_removed_facingNE.jpg
-118.1723320388889 34.1896961111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	7-9 MPH	0 %
End of Day	14:45	71 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Mounding dirt around natives for water retention, removing nonnatives.
2. Hand tools.
3. Crew of ten, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YRWA, HOFI, ANHU, RCKI, AMCR, CALT, RTHA, CASJ, California ground squirrel, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

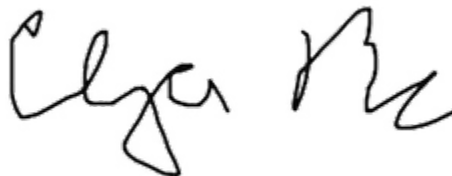
Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started work.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Filled_in_ruts_facingS.jpg
-118.17363654166667 34.18616815555555



Sapling_exclusion_fence_facingSE.jpg
-118.17289634444445 34.18853026666666



Planted_cuttings_facingE.jpg
-118.17288045000001 34.18855113055555



Removed_lambs_quarters_facingW.jpg
-118.17286065 34.18862291666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	4-6 MPH	0 %
End of Day	14:00	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, ACWO, CASJ, RCKI, AMCO, CANG, MALL, AMWI, LEGO, BUSH, SAPH, RSHA, SPTO, DEJU, BLPH, AMCR, CORA, RTHA, WCSP, ALHU, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work and crews began weeding at 0700 in DG-4B/DG-4 along the parking area working their way South.

1200: The crew moved into boulder and began weeding there until 1400.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-during-facingN-.jpg



photo_2-VegetationRemoval-during-facing-S_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: November 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:30	73 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, container plant maintenance.
2. Hand tools (shovels, rakes, etc.)
3. Gothic landscape, Cesar Olmos and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

western fence lizard, side-blotched lizard, LEGO, RCKI, MODO, ACWO, CORA, AMCR, SOSP, BEWR, WCSP, RTHA, CASJ, CALT, HOFI, KILL, ANHU, NOMO, BLPH, BUSH, WREN, CAQU, NOFL, coyote, California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

06:45: crew begins work in Johnson Field, staking irrigation lines to direct flow of water and fixing leaks. Also maintaining dirt rings around container plants.

07:30: Worker found a dead CALT in container plant in Johnson Field. He said this was the second dead CALT he's found this week.

14:30: Crew finishes work in Johnson Field for the day.

14:35: Depart site.

Additional Comments

N/A

Signature





Irrigation_Leak_Johnson_Field.jpg
-118.17187712500001 34.19210993611111



CALT_carcass_Johnson_Field.jpg
-118.17209087222223 34.19163725



Irrigation_Maintenance_Johnson_Field.jpg
-118.17169194444445 34.19213544444444



Irrigation_Line_Repaired.jpg
-118.17186621388889 34.19211320555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 17, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	0 %
End of Day	14:00	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of three weeding at boulder (DG-4A).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BLPH, MALL, CANG, CASJ, CALT, ACWO, CORA, AMCR, HOFI, YRWA, CAQU, SAPH, RCKI, WBNU, CAKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area. Crews continue working "boulder" today and moving south. Crews stopped weeding at 1400 and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facingE_.jpg



photo_2_Vegetation_Removal_during_facingE_.jpg



photo_3_Vegetation_Removal_after_facingE_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	12:15	67 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, east side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WCSP, CASJ, MALL, CANG, WREN, HOFI, GBHE, KILL, RCKI, SAPH, CALT, BGGN, SOSP, ACWO, BLPH, NOFL, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0645: Tailboard. Plan to check entirety of irrigation system for leaks. Not many weeds to be pulled, only small detail work. Cesar to depart immediately for another site.

0900: Crew break. 0930: Working in South section by construction staging area. Detail work.

1100: Move back to detail work in DG2. Small sections of dodder.

1215: End work.

Additional Comments

N/A

Signature





photo_1-irrigation_work.jpg



photo_2-checking_irrigation_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 18, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	11:00	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four pulling weeds in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, LEGO, CALT, NOFL, CASJ, HOFI, ANHU, TUVU, RSHA, RCKI, BGGN, BUFF, MALL, CANG, KILL, BLPH, YRWA, CAQU, CORA, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0650: Crews began weeding in "boulder" picking up from previous day. Crews continued moving south through the open field of "boulder".

1100: Crews began clean up.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_during_facingN_.jpg



photo_2-Vegetation_Removal_during_facing-S-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: November 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	10 %
End of Day	14:00	72 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration, Natures Image crew weeding at boulder area. Genero, Edwardo, Linda, Ryan. Using hula hoes and shovels to weed in compact ground at boulder.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, ALHU, ANHU, AMCR, CALT, RCPA, HOFI, BUSH, BEWR, NOFL, NUWO, ACWO, CSJA, WREN, LEGO, SOSP, YRWA, SPTO, RCKI, BGGN, CAQU, RSHA, COHA, RTHA, PUF1.

In reservoir: REDH, BUFF, HOME, CANG, MALL, RUDU, RNDU, AMCO, EAGR, KILL, AMPI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Meet with crew, recap last weeks activities.

0645: Survey the day's weeding area at boulder DG-4A. Crew starts at 0700. The ground is frosty and compact. They work in the same area all day. Progress is slower, but detailed, because weeds are small. Birds (YRWA,WCSP,CALT, BLPH, BUSH, RCKI) are foraging in the area post weeded spots. BLPH using shovel handle as perch during crew break! Crew finished pulling at 1330, break, then cleanup.

Additional Comments

the site looks really good from N -S and I was able to traverse through it. There are thousands of seedlings sprouting throughout the restoration and it is difficult to differentiate in mixed patches (photo 3). The crew will wait on these areas until the plants are larger.

Signature





photo_1Small_numerous_patches_of_pepperweed_for_removal.jpg
-118.17484950000001 34.19042994444444



photo_2Boulder_weeding_area_looking_north.jpg
-118.17482969444445 34.19041436111111



photo_3Mixed_emerging_seedlings.jpg
-118.1751269722223 34.19088916666665



photo_4post-weeding_pepperweed_removal.jpg
-118.1748642777779 34.19047289999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: November 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:30	73 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, container plant maintenance.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Crew of six landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

western fence lizard, CANG, MALL, CALT, BGGN, YRWA, RCKI, SPTO, ACWO, CORA, AMCR, SOSP, BEWR, WCSP, RTHA, CASJ, HOFI, ANHU, BUSH, WREN, coyote, California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

06:50: Crew begins maintenance activities in DG-2.

08:00-9:30: Crew does a walk through of EMA side slopes and pulls any weeds they see.

10:00: Crew resumes maintenance activities in DG-2.

12:30: Crew re-staked irrigation line on south end of east side slopes that had fallen.

14:30: Crew finishes work for the day.

14:35: Depart site.

Additional Comments

N/A

Signature





Container_Plant_Maintenance_DG2.jpg
-118.1727068555556 34.18896106666664



Weed_Abatement_EMA.jpg
-118.17280248611111 34.19070458333333



Repaired_Irrigation_Line.jpg

-118.17305762222223 34.18695797222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	52 °F	4-6 MPH	15 %
End of Day	14:45	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of six, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, WCSP, CASJ, SPTO, ANHU, HETH, SOSP, WREN, RCKI, CANG, CORA, KILL, AMCO, MALL, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started working.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Irrigation_on_facingNW.jpg
-118.1716787222223 34.19206676111111



Carrot_sp_to_be_removed_facingW.jpg
-118.1723225833334 34.1900346



Nonnatives_to_be_removed_facingE.jpg
-118.17229151666668 34.18993916666666



Flowering_elderberry_facingNE.jpg
-118.17256763888889 34.18946401388889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: November 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	5 %
End of Day	14:00	72 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Raul foreman brings crew of two, plus regular four. Natures Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

In reservoir: CANG, MALL, REDU, RUDU, AMCO, KILL. In restoration: BLPH, LEGO, CAKI, NOFL, NUWO, ACWO, SOSP, WCSP, CHSP, YRWA, WEBL, HOFI, MODO, BTPI, BEWR, BGGN, BUSH, CALT, SPTO, RSHA, CATH, SAPH. Many small and quick lizards moving around as the day heats up.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew meets and continues at boulder. Crew of six using hand hoes and shovels continue to pull pepperweed. Linda weeds/irrigates the tire wash. Irrigated plants are growing well, invasive chenopodium is surrounding plant wells and pulled until lunch time. After lunch crew move South across the trail to weed and rake under mulefat. DG-4. I remove old nest buffer flags. Crew stops weeding at 1345. Clean up and haul the rest of the day.

Additional Comments

Geese are gone both afternoons, I dont know where they go. Many small songbirds are using the recently weeded areas, on the ground and plants.

Signature





Weeding_continues_in_boulder_DG-4A_lookingNW.jpg
-118.17482825 34.19047705555554



Reservoir_provides_waterfowl_habitat.jpg
-118.1747456388889 34.19035461944444



Linda_weeds_SW_planted_area.jpg
-118.17815255555556 34.18665898055555



DG4A_maintenance_South_of_Boulder_lookingW.jpg
-118.17506261111112 34.1901321

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: November 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	44 °F	0-3 MPH	0 %
End of Day	13:55	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement; crew focused on pulling *Eriodum cicutarium*, *Lepidium latifolium*, *Marrubium vulgare*.
2. Hand tools.
3. Gothic; crew of ten plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CANG, WCSP, RCKI, CASJ, AMCR, BGGN, ACWO, CALT, ANHU, HOFI, LEGO, MALL, WEKI, SPTO, CAQU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0623: Arrived on site. Several crew members already here, waiting in their cars.
0630: Tailboard. Crew would be working on side slopes (episodic maintenance). The focus would be to work northeast and pull all non-natives.
0700: Arrived at side slopes. Crew began working.
0845: Break.
0912: Cesar leaving the site. He said the crew would continue with weed abatement along the side slope then into DG-1.
1019: Crew split up. Four crew members are working within DG-1 working northeast pulling non-natives. Remaining crew went with Johnathon to conduct work within DG-2.
1100: DG-2 crew rejoins with crew working northeast in DG-1.
1145: Lunch.
1245: Crew returns from lunch.
1300: Crew would be shifting back to Johnson Field for the remainder of the day.
1315: Johnathon takes one crew member with him to turn off the water.

Additional Comments

N/A

Signature





Nicotiana_glauca_that_was_pulled.jpg



Crew_working_along_side_slope_facing_west.jpg



Crew_weeding_within_DG-1_facing_northeast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	12:00	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of seven pulling weeds. Tools used: shovels, trowels and rakes.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YRWA, BUSH, RCKI, CANG, MALL, CALT, CASJ, AMCR, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work. Crew began working at 0700 in DG-4 just south of boulder. Crews finished weeding at 1200 and began cleanup. I also took the bi-weekly photo report.

Additional Comments

N/A

Signature





photo_1-Vegetation Removal before facing W_.jpg



Vegetation Removal facing S during-.jpg



photo_3-Vegetation Removal_facing_S_after_.jpg
-118.17517513888889 34.19023882222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	14:00	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine weeding in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CALT, CASJ, ACWO, NOFL, HOFI, BUSH, AMCR, CORA, RCPA, WREN, YRWA, CATH, RSHA, BEWR, western fence lizard, California ground squirrel, CAKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Cleared crew to work in DG-4 south of the boulder clearing.

0645: Gave a new Natures Image employee WEAP training.

0720: Resumed monitoring weed removal. Primary targets were pepperweed and mustard. Noted that basin is now empty of water. New crew member given tour of site by Raul and Generro until 0830, after which he joins the weeding crew.

1200: A Natures Image crew member informed me that an irrigation timer was stolen from the fence line between 9 and 12, it was discovered while coming back from break.

1345: Crew began wrapping up, inspected site.

Additional Comments

N/A

Signature





photo_1-20221128-pre_weeding_facingS.jpg
-118.1753267777778 34.19011506944444



photo_2-20221128-post_weeding_facingS.jpg
-118.17533894444445 34.190093936111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: November 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	14:20	56 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic restoration crew, east side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, Amazona spp, AMCR, WREN, RCKI, CALT, BGGN, HOFI, RTHA, NOFL, BUSH, ACWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On-site.

0705: Crew begins working just North of staging area at Johnson field.

0720: Jonathan relays that the bathrooms and some of the irrigation lines had been vandalized over the long weekend.

0815: Cesar arrives. Crew working their way north towards JPL.

0900: Break.

0930: Work resumes on north side. Small detail work.

1200: Lunch.

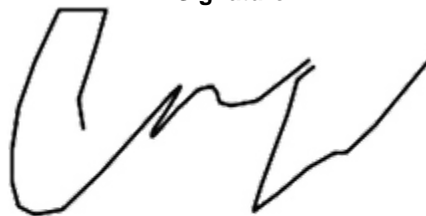
1230: Work resumes in Johnson field. Checking irrigation and detail work.

1420: End work.

Additional Comments

N/A

Signature





photo_1-crew_working_north_side_facingN.jpg



photo_2-detail_work_facing_NW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: November 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	30 %
End of Day	14:00	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight weeding DG-4, DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, NOFL, AMCR, YRWA, ACWO, BEWR, CALT, SOSR, COHA, HOFI, NUWO, ANHU, AMRO, CASJ, WREN, BUSH, BLPH, WCSP, RCPA, CAKI, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Cleared crew to work in DG-4 and DG-4A while they set up.

0645: Monitored weeding in DG-4A and DG-4. In DG-4A, crew targeted resprouting pepperweed moving up irrigation rows, some patches of native Phacelia cicutaria. In DG-4, crew worked to clean up planting basins which had some pepperweed and poison hemlock.

1345: Crew began wrapping up, I surveyed site and picked up trash etc. Crew had mostly finished the patch of DG-4A they were working in.

Additional Comments

N/A

Signature





photo_1-20221129-pre_weeding_basin_facingS.jpg
-118.17550015 34.1900551222222



photo_2-20221129-post_weeding_basin_facingS.jpg
-118.17546129166666 34.19015394444444



photo_3-20221129-pre_weeding_facingN.jpg
-118.17548093333333 34.19047548333333



photo_4-20221129-post_weeding_facingN.jpg
-118.17545630555556 34.19048866666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: November 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	20 %
End of Day	14:30	61 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal; irrigation check; trash removal & general maintenance activities.
2. Hand tools.
3. Cesar project manager (PM); crew ten people.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COHA, MODO, WCSP, MODO, HOFI, CALT, SCJA, CAQU, CATH, AMCR, ANHU, BGGN, RTHA, OCWA, BEWR, RSHA, ACWO, BLPH, SAPH, YRWA, AMKE, Squirrel, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at Johnson Field.

0640: Crew arrived onsite & started planning activities for the day. Trash removal, irrigation, NNG will be conducted throughout the day.

0700: Crew started weed removal activities on the SE portion of the restoration site.

0730: Part of the crew moved to the southern portion to pick up trash.

0830: Crew is removing nonnative species and checking irrigation valves along the SE portion of the restoration site.

0900: Break.

0930-1200: Crew continued conducting maintenance activities - NNG and pepperweed removal.

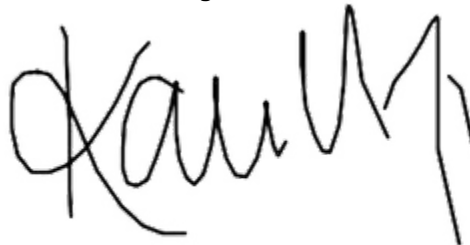
1200: Lunch break.

1230 -1430: Crew continued working near slopes and SE portion removing nonnative herbaceous species/general maintenance activities.

Additional Comments

N/A

Signature





photo_1-nonnative_herbaceous_species_removal_facingS.jpg
-118.1723065138889 34.18939498333333



photo_2_crew_removing_trash_facingSW.jpg
-118.1740772500001 34.186175380555554



photo_3_crewirrigating_mulefat_cuttings_facingS.jpg
-118.17177689444445 34.19045915555555



photo_4_cleaning_mulefat_shrub_basin.jpg
-118.17214087222223 34.191407375

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	44 °F	0-3 MPH	85 %
End of Day	14:45	59 °F	7-9 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of eight, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, OATI, YRWA, WCSP, CALT, HOFI, VESP, CEWA, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started working.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Weeding_facingSE.jpg
-118.17342609722223 34.18652327777777



Watering_plants_facingN.jpg
-118.17328296666668 34.18666975555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: November 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:00	62 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight pulling weeds in DG-4, DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

KILL, ACWO, CASJ, CALT, WCSP, SOSP, SPTO, RCPA, BUSH, AMCR, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work.

0700: Crews began weeding along the East side of "boulder". Crews moved though the forested area moving East and ended at 1400 to begin cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-during-facing-W_.jpg



photo_2-VegetationRemoval-before-facing-E_.jpg



photo_3-VegetationRemoval-after-facing-E-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	47 °F	4-6 MPH	100 %
End of Day	14:45	54 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of eight, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOPI, HOSP, YRWA, CALT, CASJ, OATI, ACWO, AMCR, CAQU, ANHU, RTHA, desert cottontail, coyote.

Did You Observe any Non-Compliance Issues? Yes No


Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started work.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Walkway_raked_facingSW.jpg
-118.1722887111112 34.18996906944444



Nonnatives_facingE.jpg

-118.1723037222222 34.189876013888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: December 1, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	13:30	54 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, ACWO, RCPA, CALT, CASJ, BLPH, DEJU, MODO, AMCR, RTHA, RSHA, SPTO, BUSH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work. Crews began weeding at 0700 in DG4 on the East side just South of the parking lot. Crews worked until 1330 and it started raining so we stopped pulling and began cleanup.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-before-facingW_.jpg



photo_2-VegetationRemoval-after-facingW_.jpg



photo_3-VegetationRemoval-during-facingW_.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:10	49 °F	0-3 MPH	100 %
End of Day	13:35	56 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, container plant maintenance and planting.
2. Hand tools (shovels, hoes, etc.).
3. Gothic landscape, Cesar Olmos and crew of nine.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, ACWO, CORA, CATH, SOSP, WCSP, RTHA, CASJ, HOFI, ANHU, BUSH, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0810: Arrived on site, crew are waiting in their cars for the rain to stop.

0930: Crew begins work in DG-2, doing rounds to check for weeds or irrigation lines that need repair. Irrigation was not turned on today due to rain.

1000: Two workers plant what appears to be two mulefat cuttings on east side of DG-2.

1315: Crew begins gathering tools to put away.

1330: Crew finished work for the day.

1335: Depart site.

Additional Comments

N/A

Signature





Container_Plant_Maintenance_DG-2.jpg
-118.17226709166667 34.19004638888889



Planting_DG-2.jpg
-118.17198379166668 34.18999422222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: December 2, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	11:00	52 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six pulling weeds.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, DEJU, ACWO, MODO, MALL, BUSH, RCKI, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for work. Crews began weeding at 0715 in DG-4 North of "primrose" pulling hemlock and small patches of mustard, right along the edge of DG-4A. We had light rain in the morning which ended around 0930. Crews continued weeding until 1100 and then began cleanup after lunch.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-before-facing-E_.jpg



photo_2-VegetationRemoval-during-facing-E_.jpg



photo_3-VegetationRemoval_facingE_after-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: December 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	70 %
End of Day	14:40	60 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration - removing invasive weeds primarily poison hemlock.
2. Hand tools - hoes.
3. Gothic landscaping - Cesar, Jonathan and crew of six.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, YRWA, CORA, ACWO, RTHA, CASJ, ANHU, red-crowned parrot, RCKI, cottontail, western fence lizard, western toad, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, attended tailboard.

0655: Crew began pulling and hoeing poison hemlock at the southern end of DG-2-WOUS.

0730: Met with Michael Walsh from Stillwater to discuss protocol for west side monitoring.

0800: Continued monitoring poison hemlock removal in DG-2-WOUS.

1015: Crew began removing poison hemlock in the West section of DG-2.

1045: Jonathan was stung by a European honeybee.

1120: Crew split between removing hemlock in DG-2 and DG-2-WOUS.

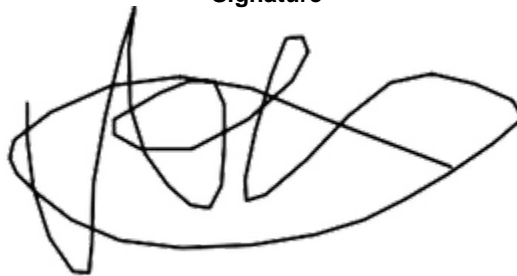
1240: Crew split between removing hemlock in DG-2 and DG-2 new channels.

1440: End of monitoring.

Additional Comments

N/A

Signature





Hoeing_poisonhemlock_DG2_120522_facingN.jpg
-118.1724679 34.18929472222222



Hand_pulling_Invasives_DG-2_120522_facingNE.jpg
-118.17248969444445 34.18940942777775



Hand_Pulling_Poison_hemlock_DG2WOUS_facingS_120522.jpg
-118.17229873611112 34.18992273333333



Hoeing_poison_hemlock_DGWOUS2_facingS_120522.jpg
-118.17228960277778 34.18996908333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: December 5, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	50 %
End of Day	14:00	59 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of seven weeding DG-4 and DG-4 drainage.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, ACWO, CATH, NUWO, CALT, AMCR, RSHA, BUSH, RCPA, CASJ, WBNU, LEGO, DEJU, OATI, MODO, ANHU, RCKI, desert cottontail, fox squirrel, WREN, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Crew began getting ready, discussed plan for day with foreman Genarro.

0650: Monitored weeding in DG-4/DG-4 drainage; slightly east of DG-5. Primary target was poison hemlock; 1/2 of which was still holding seed. Some pepperweed in area.

0730: Met with Verity Richardson for a touch-base before ECORP takes over.

0750: Resumed monitoring.

1200: Took Linda and Ed around the site, marked all phase 1 irrigation boxes with red flags; crew is to begin doing bi-monthly watering for the marked boxes.

1345: Crew began wrapping up while I inspected the site.

Additional Comments

N/A

Signature





photo_1-20221205-pre_weeding_facingE.jpg
-118.17592902777778 34.19070936111111



photo_2-20221205-post_weeding_facingE.jpg
-118.17598019444445 34.19070470833333



photo_3-20221205-pre_weeding_facingN.jpg
-118.1759548888889 34.19072152777775



photo_4-20221205_post_weeding_facingN.jpg
-118.17587936111111 34.19084577777774

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: December 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	20 %
End of Day	14:00	57 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of seven weeding in DG-4 drainage; DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, CATH, WCSP, BUSH, AMCR, YRWA, ACWO, RSHA, ANHU, MODO, WREN, HOFI, CALT, NOFL, BGGN, BEWR, CASJ, DEJU, OATI, COHA, RTHA, California ground squirrel, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Tailgate with crew.

0650: Monitored weeding in DG-4 and DG-4 drainage. Primary targets were Tree of heaven, poison hemlock, and perennial pepperweed. Talked to crew about not tilling dirt to remove seedlings still in cotyledon stage.

1345: Crew began wrapping up while I inspected the site for water bottles etc.

Additional Comments

N/A

Signature





photo_1-20221206-pre_weeding_facingS.jpg
-118.1758552222222 34.19063518611111



photo_2-20221206-post_weeding_facingS.jpg
-118.1758465277778 34.19062073055555



photo_3-20221206-pre_weeding_facingS.jpg
-118.1758694277778 34.19052740555555



photo_4-20221206-post_weeding_facingS.jpg
-118.17586486111112 34.19051908333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 6, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	45 °F	4-6 MPH	50 %
End of Day	14:45	57 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of eight, Gothic Landscaping.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RTHA, EUCD, CASJ, YRWA, RCKI, CANG, CALT, WCSP, ACWO, ALHU, OATI, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew headed to work area, started working.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Horhound_to_be_removed_facingE.jpg
-118.1722420000001 34.1893816666666



Nonnative_grass_to_be_removed_facingW.jpg
-118.1722891388889 34.1894122222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	5 %
End of Day	14:25	58 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, container plant maintenance, weed abatement.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Cesar Olmos and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western fence lizard, BGGN, CALT, ACWO, CORA, AMCR, CAQU, NOFL, SOSPO, WCSP, RTHA, CASJ, HOFI, YRWA, ANHU, BUSH, RCKI, BEWR, California ground squirrel, desert cottontail tail, coyote, pocket gopher, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

07:00: Crew begins weed abatement (mostly poison hemlock and horehound) in DG-2, west of Johnson field. The crew bags pulled weeds as they move through an area.

09:30: Crew begins watering container plants on east side of Johnson Field.

10:30: Crew begins weed abatement on north edge of Johnson Field.

12:45: Crew begins weed abatement on east edge of Johnson Field.

14:20: Crew finishes work for the day, begins throwing away weeds.

14:30: Depart site.

Additional Comments

N/A

Signature





Weed_Abatment_DG-2.jpg
-118.17222025833334 34.19133772222222



After_Weeding_DG-2.jpg
-118.17236311111111 34.19158366666666



Weed_Abatement.jpg
-118.17203632500001 34.19204158333333



Watering_JohnsonField.jpg
-118.17101131111112 34.19131447222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carley Adams
Company: ECORP
Date of Log: December 7, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	2 %
End of Day	14:00	59 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew used hand tools to remove nonnative weeds in DG-4 and DG-4A. Crew consisted of one foreman (Genero) and seven laborers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, AMCR, RSHA, BEWR, YRWA, CASJ, ANHU, RCKI, ACWO, NOMO, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Conducted sweep of work area.

0650: Monitored weed removal in DG-4 and DG-4A. Targeted weeds included CONMAC (*Conium maculatum*), LEPLAT (*Lepidium latifolium*), AILALT (*Ailanthus altissima*), and BRANIG (*Brassica nigra*).

1400: Biologist left site for the day.

Additional Comments

N/A

Signature





Weed_removal_before_facingS.jpg
-118.17613638888889 34.19030978888888



Weed_removal_during_facingS.jpg
-118.17609216666668 34.19027118333333



Weed_removal_during_facingN.jpg
-118.17600469444444 34.19023928888888



Weed_removal_after_facingS.jpg
-118.17609994444445 34.19034411111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: December 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:42	62 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants primarily poison hemlock and perennial pepperweed in DG-4, DG-4A and DG-4 sheetflow, DG-4 drainage.
2. Pulling by hand (mostly) 2 crew members had hoes in the afternoon (from 1).
3. Raul, Genaro with crew of ten.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, CASJ, YRWA, CORA, Red-crowned parrot, RCKI, SAPH, WCSP, ANHU, SPTO, Western fence lizard, western toad, California ground squirrel,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Monitoring on the west side

0630: Met with Genaro who showed me the area that the crew are planning to work in. Swept area prior to crew arriving.

0650: Crew began pulling poison hemlock and perennial pepperweed in DG-4 and DG-4 sheetflow.

0710: Gave WEAP presentation to two new crew members (Cesar Figueroa and Matthew).

0730: Two new crew joined the crew removing poison hemlock and perennial pepperweed in DG-4, DG-4A and DG-4 sheetflow.

1000: Crew periodically removed tarps full of plant material from the site to the truck.

1230: Crew continued in DG-4, DG-4A and DG-4 sheetflow. Three crew members moved into DG-4 drainage.

Additional Comments

N/A

Signature





Crew_Pulling_Poison_Hemlock_DG4Sheetflow_facingS.jpg
-118.17617625000001 34.18952905555555



Removing_And_Bagging_Poison_Hemlock_DG-4A_facingN.jpg
-118.17641680555556 34.18942761111111



Crew_Removing_Material_from_site_DG-4_facingS.jpg
-118.1761521388889 34.1895289083333



Natures_Image_Crew_hand_pulling_Poison_Hemlock_DG-4drainage-facingSE.jpg
-118.1762474444444 34.1893081472222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 8, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	40 °F	0-3 MPH	0 %
End of Day	14:45	60 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RCPA, CALT, WCSP, CASJ, YRWA, OATI, RTHA, ACWO, BLPH, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

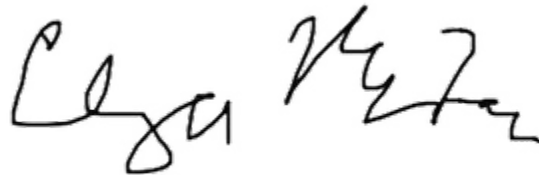
Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew started working in Johnson Field.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Phacelia_groundcover_facingW.jpg
-118.1720077722223 34.189854491666665



Curly_dock_to_be_removed_facingN.jpg
-118.17220248611112 34.18949450833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: December 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	13:30	56 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Crew, east side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, WCSP, BGGN, BUSH, HOFI, ACWO, CALT, RCKI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0645: Tailboard.

0700: Begin work in DG-2. Some pepperweed popping up.

0900: Crew takes a break.

0930: Return to weed removal in DG-2.

1130: Lunch.

1215: Resume work. Small detail work, not much to be pulled.

1330: Crew no longer pulling weeds, going to clean up.

1335: Depart site.

Additional Comments

N/A

Signature





photo_1-pepperweed_removal_facingE.jpg



photo_2-DG-2_area_post_weed_removal_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 9, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	13:45	60 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement, irrigation maintenance.
2. Hand tools (shovels, rakes, etc.).
3. Nature's Image, Raul Fernandez and crew of ten landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Side-blotch lizard, RCPA (Red-crowned parrot), MODO, NOMO, BHGR, LEGO, CALT, CATH, ACWO, CORA, AMCR, BLPH, CAQU, CAKI, SOSP, WCSP, CASJ, HOFI, YRWA, ANHU, BUSH, RCKI, BEWR, WREN, California ground squirrel, desert cottontail tail, coyote, pocket gopher, wood rat (midden)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

07:00: Crew begins weed abatement (e.g. horehound, perennial pepperweed, poison hemlock, black mustard, brome grasses) in DG-4, south of the staging area, along trail's edge.

07:45: New dumpster arrived onsite; two workers load yesterday's weeds into dumpster.

10:00: Crew continues weed abatement and irrigation maintenance effort, moving southward, and working near trail's edge.

13:45: Crew finishes pulling weeds for the day and begins clean up.

13:50: Depart site.

Additional Comments

N/A

Signature





Weed_Abatment_DG-4.jpg
-118.1764602222223 34.19149833333333



DG-4_Weeds_before.jpg
-118.176252875 34.19139598333333



DG-4_Weeds_after.jpg
-118.17625204444445 34.191361875



Irrigation_Maintenance_DG-4.jpg
-118.17679150000001 34.19071319444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: December 12, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	44 °F	0-3 MPH	100 %
End of Day	14:50	51 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative vegetation from DG-4 including perennial pepperweed, poison hemlock, shortpod mustard.
2. Hand pulling, hand tools - e.g. hoes.
3. Nature's Image - Genero plus 15 crew members.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, CORA, RCKI, CASJ, WCSP

Cottontail, western fence lizard, western toad, pocket gopher

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Met crew on site, waited for rain to stop.

0825: Two crew began hoeing nonnatives (perennial pepperweed, poison hemlock, shortpod mustard) from northern end of DG-4.

0900: 15 crew hoeing / hand pulling from northern end of DG-4 and reinstating basins around planted plants.

1440: End of monitoring, removed tarps from the site.

Additional Comments

N/A

Signature





Removing_Nonnative_Plants_With_Hoes_facingW_121222.jpg
-118.17199316666667 34.19517444444444



Redefining_irrigation_basins_removing_nonnatives_facingNW_121222.jpg
-118.17278348333333 34.19510124999999



Removing_nonnatives_DG4_facingNE_121222.jpg
-118.1723470277779 34.1952537222222



Removing_nonnatives_facingNE_121222.jpg
-118.17240780555557 34.19501855555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	37 °F	4-6 MPH	0 %
End of Day	14:45	54 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CORA, CASJ, CALT, SOSP, BEWR, YRWA, WCSP, HOFI, coyote, cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew started working in DG-2.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Conium_to_be_removed_facingNE.jpg
-118.1722696666666 34.189843805555554



Phacelia_and_nonnatives_facingE.jpg
-118.17227791666667 34.18983845555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: December 13, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	38 °F	0-3 MPH	0 %
End of Day	14:00	53 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Restoration activities (nonnative/invasive species removal).
- 2) Hand tools.
- 3) Nature's Image; Seven people; Genaro onsite coordinating work with the crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, MODO, ANHU, HOSP, CORA, HOFI, AMCR, WCSP, EUST, CALT, BLPH, Squirrel, NOMO, RTHA, CASJ, BEWR, CAQU, NOFL, RCKI, COHA, SOSP, CATH,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Maintenance activities started on the western side - monitored weed removal

0800-1100: Crew continued removing nonnative species such as mustard and poison hemlock within the middle portion of the western side.

1100: Lunch break.

1200-1345: Monitored weed and trash removal - crew piling up weeds and hauling them off.

1400: End of the day.

Additional Comments

N/A

Signature





photo_weed_removal_facingW.jpg
-118.17460050000001 34.19176127777777



photo_2_weeding_middle_portion_of_western_side_facingS.jpg
-118.17422672222223 34.19166102777776



photo_3_piles_of_mustard_facingW.jpg
-118.17457441666667 34.19159630555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	39 °F	0-3 MPH	0 %
End of Day	14:15	58 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives.
2. Hand tools.
3. Crew of seven, Nature's Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RCPA, CASJ, CALT, YRWA, HOFI, RCKI, BEWR, WCSP, SPTO, ANHU, SOSP, NOFL, ACWO, RTHA, desert cottontail, California ground squirrel, coyote, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Tailboard meeting.
0645: Crew started working in DG-4B, moving south toward DG-4.
0645-1400: Monitored restoration.
1415: Left site.

Additional Comments

N/A

Signature





Nonnatives_dug_up_facingNW.jpg
-118.17509616666668 34.19201008333333



Nonnatives_dug_up_facingW.jpg
-118.17527619444445 34.19185887777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carley Adams
Company: ECORP
Date of Log: December 14, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	31 °F	0-3 MPH	2 %
End of Day	14:30	56 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew used hand tools to remove nonnative weeds on the side slopes and in DG-1. Crew consisted of one foreman (Caesar) and nine laborers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, BLPH, WCSP, ANHU, CASJ, RSHA, CALT, ACWO, RCKI, AMCR, YRWA, desert cottontail, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived onsite and conducted sweep of work area.

0650: Crew began removing weeds in DG-1 and on the side slopes. Targeted weed species included *Erodium cicutarium* (EROCIC), *Brassica nigra* (BRANIG), and nonnative grasses.

1430: Biologist left the site for the day.

Additional Comments

N/A

Signature





Weed_removal_during_on_side_slope.jpg
-118.17171108333334 34.19259291666666



Weed_removal_during_facingNW.jpg
-118.17050565000001 34.19400938888889



Weed removal_after_facingNW.jpg
-118.17076307500001 34.19401897222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	13:35	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement, irrigation maintenance.
2. Hand tools (shovels, rakes, etc.).
3. Nature's Image, crew of seven landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, RSHA, AMRO, LEGO, CALT, CATH, ACWO, CORA, AMCR, SOSP, WCSP, CASJ, HOFI, YRWA, ANHU, BUSH, RCKI, BEWR, California ground squirrel, desert cottontail, coyote, pocket gopher, wood rat (midden)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

07:00: Crew begins weed abatement (e.g. horehound, perennial pepperweed, poison hemlock, black mustard, brome grasses) in DG-4 and DG-4A, east of DG-4 drainage.

10:00: Crew continues weed abatement and irrigation maintenance effort, working in the same area and moving south.

13:30: Crew finishes pulling weeds for the day and goes on break. Genaro indicates to me the crew is finished weeding for the day and will begin cleaning up after the break.

13:35: Depart site.

Additional Comments

N/A

Signature





Before_DG-4.jpg

-118.17580665 34.19002280555555



During_Weed_abatement_DG-4.jpg

-118.17583209722223 34.18999736111111



After_DG-4.jpg

-118.17581419444446 34.19001712777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 15, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	42 °F	0-3 MPH	0 %
End of Day	14:45	58 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RCPA, EUCD, YRWA, ACWO, HOFI, RCKI, PUF1, NOMO, WCSP, BGGN, BLPH, CASJ, CALT

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630; Tailboard meeting.
0645: Crew started working in DG-1.
0645-1430: Monitored restoration.
1430: Crew finished work for the day.
1445: Left site.

Additional Comments

N/A

Signature





Dug_up_nonnatives_facingNW.jpg
-118.16947869444445 34.19515381944444



Dug_up_nonnatives_facingSW.jpg
-118.16914531388889 34.19532941666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	30 %
End of Day	14:25	62 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, basin maintenance, weed abatement.
2. Hand tools (shovels, rakes, etc.).
3. Gothic landscape, Cesar Olmos and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Red-crowned parrot, RTHA, CALT, CATH, ACWO, CAQU, AMCR, SOSP, WCSP, CASJ, HOFI, ALHU, ANHU, BUSH, RCKI, BEWR, WREN, California ground squirrel, desert cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

06:30: Arrive on site.

07:00: Crew begins weed abatement (mostly poison hemlock) in DG-2. The crew bags pulled weeds as they move through the area.

10:30: Crew begins basin maintenance in DG-2.

14:20: Crew finishes work for the day, begins throwing away weeds.

14:30: Depart site.

Additional Comments

N/A

Signature





Weed_Abatment_Poison_Hemlock_DG-2.jpg
-118.17219565277779 34.19005357499999



Basin_Maintenance_DG-2.jpg
-118.17226827777779 34.18997948888889



After_Basin_Maintenance_And_Weeding.jpg
-118.1721620333334 34.19027588055554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 16, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	48 °F	4-6 MPH	95 %
End of Day	14:15	62 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, fixing irrigation.
2. Hand tools.
3. Crew of eight, Nature's Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RCPA, RTHA, CASJ, HOFI, WCSP, CATH, ACWO, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in DG-4A, removing *Brassica nigra* (BRANIG), *Conium maculatum* (CONMAC).

0645-1400: Monitored restoration.

1415: Left site.

Additional Comments

N/A

Signature





Nonnatives_removed_facingW.jpg
-118.1757570555556 34.18966021111111



Nonnatives_removed_facingSE.jpg
-118.17589908333333 34.189625574999994



Nonnatives_removed_facingS.jpg
-118.17609629166667 34.189682738888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	37 °F	0-3 MPH	0 %
End of Day	14:30	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Irrigation maintenance, basin maintenance, weed abatement.
2. Hand tools (shovels, rakes, etc.).
3. Gothic Landscape, Cesar Olmos and crew of ten landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western fence lizard, Red-crowned parrot, RTHA, CALT, CATH, ACWO, CAQU, AMCR, SOSP, WCSP, BGGN, CASJ, HOFI, ANHU, BUSH, RCKI, BEWR, WREN, California ground squirrel, pocket gopher

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Crew begins basin maintenance on southern end of DG-2.

1000: Two workers remove some lamb's quarter (Chenopodium) from the side slopes on the southern end. The crew bags pulled weeds as they move through the area.

1100-1415: Crew removes small weed sprouts (mostly poison hemlock) from southern end of DG-2.

1420: Crew finishes work for the day, begins throwing away weeds.

1430: Depart site.

Additional Comments

N/A

Signature





Basin_Maintenance_DG-2.jpg
-118.17276698333333 34.18869047222222



Irrigation_Maintenance_DG-2.jpg
-118.17259104444445 34.18975525833333



Lambs_Quarter_Removal-DG2.jpg
-118.17291532777779 34.188654166666666



Poison_Hemlock_Removal_DG-2.jpg
-118.1726834888889 34.18858188888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: December 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	34 °F	0-3 MPH	0 %
End of Day	14:05	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement.
2. Hand tools including rakes, hoes, and loop hoes.
3. Genaro Gomez (Natures Image foreman). Total of six Natures Image workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, LEGO, BEWR, NOFL, CASJ, CAQU, side blotch lizard, ACWO, ANHU, CALT, Coyote, OATI, YRWA, CAKI, RSHA, SOSP, WCSP, BLPH, Western fence lizard, RTHA, HOFI, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site and talked with Genaro Gomez about the plan for the day. The crew will plan to work in similar area as last week (DG-4 and DG-4A).

0645: Crew heading to DG-4 and DG-4A to begin work. Crew using hand tools including, rakes, hoes, and loop hoes and primarily removing *Lepidium latifolium* (LEPLAT) and *Conium maculatum* (CONMAC).

0835: Crew taking break. 0900: Crew resuming work in DG-4 and DG-4A.

1100: Crew taking lunch.

1200: Crew resuming work in DG-4 and DG-4A.

1330: Crew taking break. Done removing vegetation for the day. Crew will clean up and haul out all removed vegetation after break.

1345: Crew beginning to clean up and haul out all vegetation that was removed today.

1405: Left site.

Additional Comments

N/A

Signature





12_19_2022_Natures_Image_crew_performing_weed_abatement.jpg



12-19-2022_Weed_Abatement_in_DG-4.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	46 °F	0-3 MPH	95 %
End of Day	14:15	66 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of seven, Nature's Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, RCPA, CALT, ANHU, CATH, CASJ, YRWA, OATI, LEGO, CAKI, SOSP, WCSP, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in DG-4A, removing *Lepidium latifolium* (LEPLAT), *Brassica nigra* (BRANIG), *Conium maculatum* (CONMAC).

0645-1400: Monitored restoration.

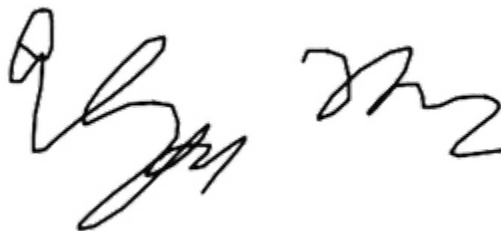
1400: Crew started hauling out nonnative vegetation.

1415: Left site.

Additional Comments

N/A

Signature





Nonnatives_dug_up_facingSW.jpg
-118.17734044444445 34.18896236111111



Nonnatives_removed_facingNW.jpg
-118.17734629166667 34.18894559166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alexandra Dorough
Company: ECORP
Date of Log: December 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	44 °F	0-3 MPH	30 %
End of Day	14:15	65 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew removing new nonnative growth and checking irrigation.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CALT, BUSH, CAQU, CASJ, ANHU, RUHU, RCKI, WCSP, NOMO, YRWA, California ground squirrel, parrot sp.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrive on site, crew is arriving.

0630: Crew arrives, safety tailboard.

0645: Crew begins removing new growth of nonnatives in DG-2 moving north. crew is using hand tools (hoes and rakes).

0900: Crew breaks.

0915: Crew resumes removal of nonnatives.

1200: Lunch.

1245: Crew resumes.

1400: Crew done for the day.

1415: Depart site.

Additional Comments

N/A

Signature





Nonnative_removal_with_handtools_facingSE.jpg
-118.17261111111111 34.189055555555555



Nonnative_removal_with_handtools_facingN.jpg
-118.17228611111112 34.189383333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Panzino
Company: ECORP
Date of Log: December 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:05	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement.
2. Hand tools (shovels, hoes, etc.).
3. Nature's Image, Raul Fernandez and crew of nine landscapers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western fence lizard, Red-crowned parrot, BLPH, YRWA, LEGO, RSHA, CALT, ACWO, NUWO, CORA, AMCR, SOSP, WCSP, BGGN, CASJ, ANHU, BUSH, RCKI, BEWR, WREN, California ground squirrel, wood rat (midden)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Crew begins work on southern end of DG-4 nearest to Oak Grove Dr. Doing weed abatement. Targeting mainly poison hemlock, black mustard, and perennial pepperweed.

0900-0945: Crew watches a pesticide training video.

1000: Crew continues weed abatement effort working their way northwest.

1400: Crew begins loading weeds into dumpsters.

1405: Depart site.

Additional Comments

N/A

Signature





Poison_Hemlock_DG-4_Before.jpg
-118.17697027777778 34.186561611111111



Poison_Hemlock_DG-4_After.jpg
-118.17696175 34.186538361111111



Removing_Dried_Mustard_DG-4.jpg
-118.17718747222223 34.18645072777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 21, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	49 °F	4-6 MPH	0 %
End of Day	14:45	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CALT, RCPA, WCSP, CASJ, YRWA, MODO, RTHA, coyote, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in DG-2, removing *Conium maculatum* (CONMAC).

0645-1430: Monitored restoration.

1430: Crew finished work for the day.

1445: Left site.

Additional Comments

N/A

Signature





CONMAC_dug_up_facingNE.jpg
-118.1718362777779 34.190432611111106



CONMAC_dug_up_facingW.jpg
-118.17171676944444 34.19052744444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: December 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	46 °F	0-3 MPH	0 %
End of Day	14:06	66 °F	0-3 MPH	45 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement within DG-4 near dam access road.
2. Hand tools.
3. Natures Image; Genaro Gomez (foreman); Crew of eight.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, RSHA, CALT, RCPA, BLPH, LEGO, RCKI, ALHU, TUVU, CASJ, YRWA, HOFI, BEWR, WREN, NOMO, CATH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0610: Arrived on site. No workers here yet.

0620: Spoke to Genaro Gomez (Natures Image foreman) who said crew would be working in DG-4 pulling nonnative weeds. Nonnative weeds consisted of *Lepidum latifolium*, *Herschfeldia incana* and *Erodium cicutarium*.

0644: Additional crew members arrive to help load truck with tools. Linda and an additional worker will be working on irrigation checks throughout the site.

0710: Genaro said either this Friday or next week they will be taking out *Rubus armeniacus* in DG-4.

0737: Crew moves from lower DG-4 to upper slope near the dam access road.

0803: Spoke to Genaro about possible nonnative within Myrtaceae family. Michael (Stillwater Biologist) is aware of it and is keeping an eye on it.

1018: Crew continuing to work in DG-4 near access road.

1100: Crew taking a break.

1047: Crew back from break.

1200: Return from lunch.

1400: Crew cleaning up and getting ready to leave.

Additional Comments

N/A

Signature

[Handwritten signature]



Before_weed_removal_in_DG-4_facing_Northwest.jpg



During_weed_removal_facing_west.jpg



After_weed_removal_facing_west.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: December 22, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	54 °F	0-3 MPH	10 %
End of Day	14:30	67 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Nonnative species removal; maintenance; work on slopes.
- 2) Hand tools.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CASJ, HOFI, ANHU, BUSH, BGGN, CATH, NOMO, LEGO, CAQU, ALHU, RTHA, SPTO, BLPH, WCSP, NOFL, ACWO, AMKE, AMCR, Coyote, Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived onsite.

0645: Met with Gothic landscape.

0700-0900: Two teams working on separate portions of the site. SE and middle portions. The crews will be near the access ramp/dirt road and the other will be at Johnson's Field removing nonnative herbaceous species.

0900-1145: Monitored crew working on the slopes. Lunch break.

1230-1420: Continued monitoring weed removal on slopes. Crew picking up trash and the other team is working on the access road.

1230: End of monitoring/left site.

Additional Comments

N/A

Signature





photo_1_nonnative_species_removal_on_slopes_facingE.jpg
-118.17323014722223 34.18868681944444



photo_2_maintenace_activities_facingE.jpg
-118.1725612888889 34.19058552777778



photo_3_crew_working_on_slopes_facingS.jpg
-118.17231080555555 34.19193925



photo_4_view_of_restoration_areas_facingNE.jpg
-118.17214357222223 34.19159965277775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: December 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	46 °F	0-3 MPH	0 %
End of Day	14:00	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement in EMA west in reservoir; crew focused on pulling *Erodium cicutarium*, *Lepidium latifolium*, *Marrubium vulgare*, *Hirschfeldia incana*, Bermuda grass.
2. Hand tools.
3. Gothic; crew of nine plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, WCSP, RCKI, CASJ, AMCR, BGGN, ACWO, CALT, ANHU, HOFI, LEGO, SPTO, ACWO, GBHE, RCPA

Did You Observe any Non-Compliance Issues? Yes No

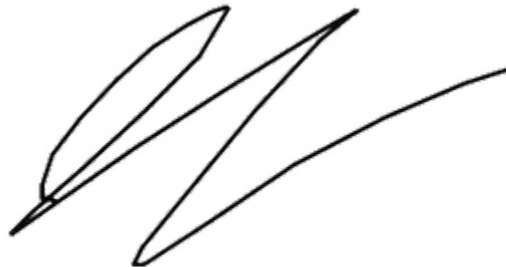
Log Entry

0610: Arrived on site. One crew member already here, waiting in their car.
0630: Additional crew members begin arriving.
0645: Tailboard. Crew would be working in EMA west. The focus would be to work west and pull all non-natives.
0700: Arrived at side slopes. Crew began working.
0830: Crew continuing with weed abatement in EMA west.
0845: Break.
0900: Back to work.
0920: Cesar said he would be leaving soon. He said the crew would continue with weed abatement moving west to Altedena drainage. Possibility it may be too wet to work in this area.
1145: Lunch.
1245: Crew returns from lunch.

Additional Comments

N/A

Signature





EMA_west_before_weed_abatement.jpg



After_weed_abatement_in_EMA_west.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 23, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	46 °F	4-6 MPH	0 %
End of Day	12:15	66 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of seven, Nature's Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CALT, LEGO, AMCR, RCPA, BUSH, CASJ, RWBL, ANHU, YRWA, SOSPO, WCSP, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in DG-4 and DG-4A, removing *Conium maculatum* (CONMAC), *Brassica nigra* (BRANIG), *Lepidium latifolium* (LEPLAT), *Lobularia maritima* (LOBMAR).

0645-1200: Monitored restoration.

1200: Crew started hauling out removed vegetation.

1215: Left site.

Additional Comments

N/A

Signature





Nonnatives_dug_up_facingNE.jpg
-118.17594819444444 34.19160136111111



Nonnatives_removed_facingSW.jpg
-118.17595916666667 34.191698055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	0-3 MPH	100 %
End of Day	14:00	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, irrigation.
2. Hand tools.
3. Crew of seven, Nature's Image.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CALT, CASJ, YRWA, WCSP, CATH, HOFI, VESP, RTHA, ANHU, desert cottontail, California ground squirrel, western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in area around their trailer, removing *Conium maculatum* (CONMAC), *Brassica nigra* (BRANIG), *Lepidium latifolium* (LEPLAT).

0900: Crew started working in northern portion of DG-4, removing CONMAC, *Hirschfeldia incana* (HIRINC), nonnative grasses (NNG), *Erodium cicutarium* (EROCIC).

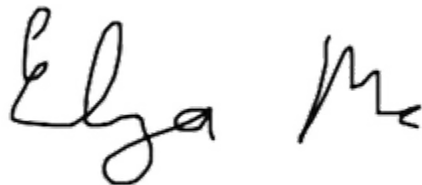
1345: Crew stopped work due to rain.

1400: Left site.

Additional Comments

N/A

Signature





Removed_nonnatives_facingNW.jpg
-118.17537970833334 34.19245258333333



Removed_nonnatives_facingW.jpg
-118.17522917777778 34.19255680555554



Removed_nonnatives_facingE.jpg
-118.17243353611111 34.19363441666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: December 27, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	07:15	50 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic crew, east side restoration.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, AMCR, HOFI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site.

0710: Contacted Cesar, informed me that crew was not working due to possible weather. Stated that his office notified him the prior evening that work was cancelled.

0715: Depart site.

Additional Comments

N/A

Signature



Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	46 °F	0-3 MPH	0 %
End of Day	14:45	60 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, RTHA, CASJ, RCPA, CALT, YRWA, WCSP, RWBL, LEGO, RCKI, desert cottontail, CA ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in Johnson Field, removing *Brassica nigra* (BRANIG), *Lepidium latifolium* (LEPLAT), nonnative grasses (NNG).

0645-1430: Monitored restoration.

1430: Crew finished work for the day.

1445: Left site.

Additional Comments

N/A

Signature





Remove_nonnatives_facingW.jpg
-118.17072236111112 34.191666575



Removed_nonnatives_facingS.jpg
-118.17084331111111 34.19152338888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: December 28, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	47 °F	0-3 MPH	100 %
End of Day	14:00	60 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement.
2. Hand tools including rakes, hoes/loop hoes, and shovels.
3. Genaro Gomez (Natures Image foreman) and Raul (Natures Image Foreman) is also on Site today. Total of 12 Natures Image workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, COHA (coordinates: 34.192866, -118.173126), LEGO, CASJ, ACWO, ANHU, CALT, NOFL, parrot sp., CATH, HOFI, RSHW, SOSP, WCSP, desert cottontail, RTHA, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Talked with Genaro Gomez about the plan for the day. The crew will plan to work in similar area as yesterday on the north side of the west side in DG-4 and DG-4A.

0645: Crew heading to DG-4 and DG-4A to begin work. Crew using hand tools including, rakes, hoes, and loop hoes and primarily removing *Erodium cicutarium* (EROCIC), *Conium maculatum* (CONMAC), non-native grasses, and mustards.

0830: Crew taking break.

0905: Crew resuming work in the northern portions of DG-4 and DG-4A. 1055: Crew taking lunch.

1210: Crew resuming work in the northern portions of DG-4 and DG-4A.

1330: Crew taking break.

1345: Crew done removing veg for the day, beginning to clean up.

1400: Left site.

Additional Comments

N/A

Signature

Adam Lown



12-28-2022_Natures_Image_Crew_weed_abatement_in_DG4_DG4A.jpg



12-28-2022_weed_abatement_in_northern_portion_of_DG-4_DG-4A.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: December 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	50 °F	0-3 MPH	100 %
End of Day	14:17	58 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement in DG-W-1 Johnson Field, DG-2 and DG-2 New channels. Focus was on *Erodium cicutarium*, *Lepidium latifolium*, *Marrubium vulgare*, *Hirschfeldia incana*, Bermuda grass.
2. Hand tools.
3. Gothic; crew of nine plus Cesar Olmos (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, RCKI, CASJ, AMCR, BGGN, ACWO, CALT, ANHU, HOFI, RCPA, RSHA, CATH, WREN, BGGN, NOFL, CAQU, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Arrived on site. One crew member already here, waiting in their car.
0635: Tailboard. Crew would be working in DG-W-1 Johnson Field, DG-2 and DG-2 New Channels. The focus would be to work south and pull all non-natives.
0650: Arrived at DG-W-1 Johnson Field. Crew began working.
0752: Crew goes to cars to wait out rain even passing through.
0845: Crew returning to work.
0918: Crew conducting weed abatement/fixing basins in DG-W-1 Johnson Field on slope before DG-2.
1037: Crew is working in Johnson Field moving north.
1145: Lunch.
1239: Crew back from lunch.

Additional Comments

N/A

Signature





Weed_abatment_in_DG-W-1_Johnson_Field_facingSE.jpg



Prior_to_weed_removal.jpg



After_weed_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: December 29, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	51 °F	0-3 MPH	100 %
End of Day	13:45	55 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement
2. Hand tools including rakes, hoes/loop hoes, and shovels.
3. Genaro Gomez (Natures Image foreman). Total of 11 Natures Image workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, NOFL, SOSF, AMCR, CATH, CASJ, BEWR, HOFI, parrot sp., BEWR, CALT, ANHU, RCKI, ALHU, CAQU, KILL, WCSP, ACWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Talked with Genaro Gomez about the plan for the day. The crew will plan to work in similar area as yesterday on the north side of the west side in DG-4 and DG-4A.

0650: Crew heading to DG-4 and DG-4A to begin work. Crew using hand tools including, rakes, hoes, and loop hoes and primarily removing *Erodium cicutarium* (EROCIC), *Conium maculatum* (CONMAC), non-native grasses, and mustards.

0720: Beginning to rain, crew taking rain break in vehicles.

0900: Crew resuming work in the northern portions of DG-4 and DG-4A.

1055: Crew taking lunch.

1200: Crew resuming work in the northern portions of DG-4 and DG-4A.

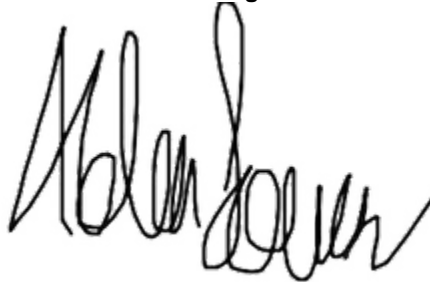
1330: Crew done removing veg for the day, beginning to clean up.

1345: Left site.

Additional Comments

N/A

Signature





12-29-2022_weed_abatement_Natures_Image_Crew.jpg
-118.172398175 34.19313758333333



12-29-2022_weed_abatement_on_west_side.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	49 °F	0-3 MPH	100 %
End of Day	14:45	58 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnatives, planting cuttings.
2. Hand tools.
3. Crew of ten, Gothic Landscape.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, HOFI, CAQU, ACWO, CASJ, CALT, WCSP, NOMO, ANHU, KILL, SOSP, CATH, BEWR, LEGO, OATI, RTHA, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Tailboard meeting.

0645: Crew started working in DG-2, prepping for and planting mulefat, elderberry, and willow cuttings.

0800: Crew started removing *Conium maculatum* (CONMAC), *Lepidium latifolium* (LEPLAT), *Brassica nigra* (BRANIG) from DG-2.

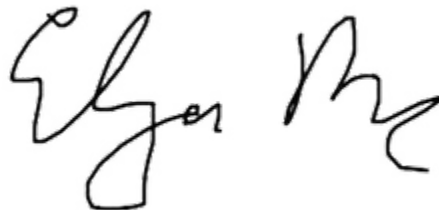
1430: Crew finished work for the day.

1445: Left site.

Additional Comments

N/A

Signature





Cuttings_planted_facingE.jpg
-118.17211597222223 34.18981147222222



Cuttings_planted_facingS.jpg
-118.17209361944445 34.18980562222222



Cuttings_planted_facingW.jpg
-118.17210111111112 34.19007416666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: December 30, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	12:15	56 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew, West side restoration

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, AMCR, CASJ, BEWR, LEGO, CATH, BUSH, HOFI, NOFL, RSHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: On site. Genaro said they were waiting for a few crew members to arrive.

0700: Tailboard.

0715: Begin work on North side removing hemlock, mustard, and pepperweed.

0735: Stop work due to rain.

0830: Crew break.

0900: Resume work in same area.

1045: Crew takes lunch.

1200: End of lunch.

1205: Genaro said crew would not be pulling anymore weeds today. They would be cleaning up the work area.

1215: Depart site.

Additional Comments

N/A

Signature





photo_1-weed_removal_facingN.jpg



photo_2-work_area_after_weeding_facingN.jpg

Adaptive Management Report for the Invasive Shot Hole Borer Tree Removal

Devil's Gate Reservoir Restoration Project

City of Pasadena
Los Angeles County, California

Prepared for:

Los Angeles County Department of Public Works
900 South Fremont Avenue
Alhambra, CA 91803
Contact: Mr. Keith Hala

Prepared by:

ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, California 92705
Contact: Ms. Carley (Lancaster) Adams

January 10, 2023



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- Appendix B – Preconstruction Bat Survey Report
- Appendix C – ISHB Monitoring Logs

LIST OF ACRONYMS AND ABBREVIATIONS

CDFW	California Department of Fish and Wildlife
HRP	Habitat Restoration Plan
ACWM	Los Angeles County Agricultural Commissioner/Weights and Measures
LACFCD	Los Angeles County Flood Control District
LACPW	Los Angeles County Department of Public Works
LSAA	Lake and Streambed Alteration Agreement
N/A	Not Applicable
PMA	Permanent Maintenance Area
Project	Devil's Gate Reservoir Restoration Project

1.0 INTRODUCTION

The Los Angeles County Public Works (LACPW) has completed the removal of the trees located within the mitigation areas for the Devil's Gate Reservoir Restoration Project (Project) that were identified as being infested with the invasive short hole borer (ISHB). The purpose of this report is to document the results of the ISHB tree removal and to discuss the adaptive management techniques that will be implemented moving forward.

1.1 ISHB Project Purpose

The purpose of the removal of the trees infested with ISHB was to eliminate the beetle-infested material from the mitigation areas and to minimize the spread of this invasive beetle species. Only larger existing trees in the mitigation areas that were dead or in a condition unlikely to recover were removed and none of the container plants or stakes that were installed as part of the habitat restoration implementation effort were included in the removal effort as they did not show any signs of infestation.

1.2 Project Description

The Project, which includes an initial removal of 1.7 million cubic yards (cy) of sediment to establish a Permanent Maintenance Area (PMA), will restore flood capacity and establish a reservoir management system to maintain the flood control capacity of the reservoir. Subsequently, annual maintenance and episodic maintenance will be conducted in the established PMA to remove accumulated sediment and to ensure continued flood control capacity. Initial sediment removal in the reservoir was completed in 2021 and the annual maintenance within the reservoir was initiated in September 2022. Annual maintenance within the reservoir for 2022 was completed on October 30, 2022.

Habitat restoration for the Project is being implemented in the mitigation areas to comply with the compensatory mitigation requirements in Conditions 3.1, 3.2, and 3.5 of the Lake or Streambed Alteration Agreement (LSAA) (Notification No. 1600-2015-0263-R5 dated March 21, 2017 and Amendment dated July 17, 2018) executed between the California Department of Fish and Wildlife (CDFW) and the Los Angeles County Flood Control District (LACFCD). Implementation of habitat mitigation was conducted according to the Final Habitat Restoration Plan (HRP) for the Project (dated November 2018) which addresses the impact areas associated with the Project and the on-site compensatory mitigation areas at the Project site (ECORP 2018). According to the HRP, onsite compensatory mitigation will include the creation, restoration, and enhancement of native habitats with the purpose of providing quality habitat for an abundance of wildlife including the least Bell's vireo (*Vireo bellii pusillus*), which is listed as endangered under the Federal Endangered Species Act (ESA) and the California Endangered Species Act (CESA) (CDFW 2018).

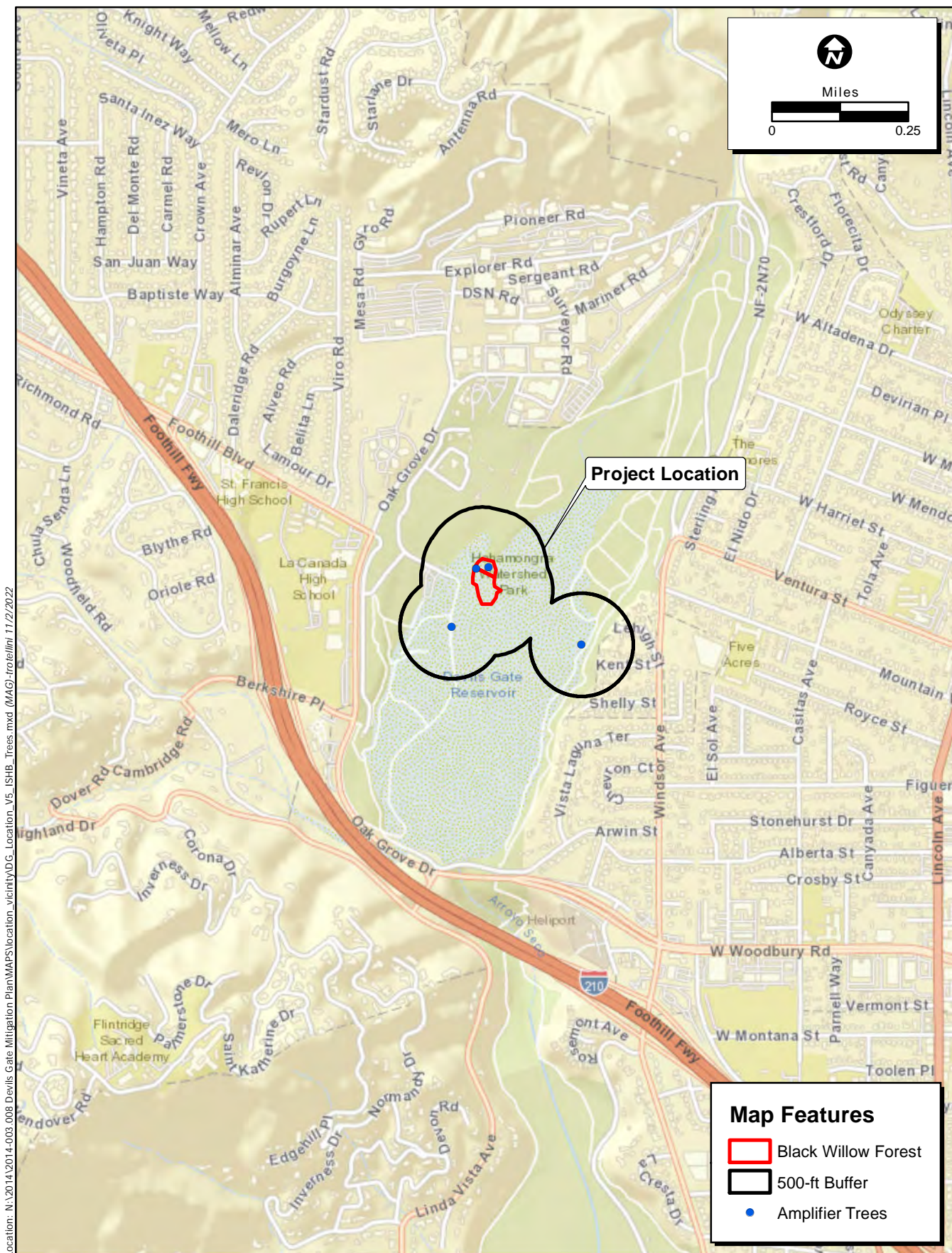
1.3 Background Information

In the summer of 2021, the mitigation areas for the Project were surveyed by the Los Angeles County Agricultural Commissioner/Weights and Measures (ACWM) to identify trees infested with ISHB following public concern for the health of the trees in the DG-W-2 (Mining Pit) mitigation area. During the survey,

the ACWM identified six trees that were heavily or severely infested with ISHB (amplifier trees) including three Fremont's cottonwoods (*Populus fremontii*) and two black willows (*Salix gooddingii*) that were identified as needing to be removed and one Fremont's cottonwood that was identified as needing to be trimmed to remove infested branches. In addition, 1,092 black willows with low to moderate infestation were identified as needing to be removed or trimmed. The infested trees were found in the DG-4, DG-4 WOUS Connections, DG-W-2 (Mining Pit), and DG-W-1 (Johnson Field) mitigation areas. The methods and results of the survey conducted by ACWM can be found in the Final ISHB Report for Devil's Gate Reservoir Restoration Project prepared by the ACWM and dated December 1, 2021 (ACWM 2021). This report is included as Appendix A to this report. It should be noted that the areas defined as Black Willow Forest North and Black Willow Forest South (collectively Black Willow Forest) in the ACWM report encompass the DG-W-2 (Mining Pit) and DG-4 WOUS mitigation areas.

1.4 Project Location

The Project is located in the City of Pasadena (City) in Los Angeles County on the Pasadena United States Geological Survey (USGS) California 7.5' topographic quadrangle (Figure 1). More specifically, the Project is located within the upper portion of the Arroyo Seco Watershed within the City's Hahamongna Watershed Park (Figure 2). The Project site is located along an approximately 4,754-foot linear section of the Arroyo Seco drainage and alluvial fan, which is an area subject to change and disturbance due to erosion, runoff, and sediment movement. The elevation of the Project site ranges from approximately 985-feet above mean sea level (msl) behind the dam, to approximately 1,100-feet above msl at the northern end of the project.



Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\MAPS\location_vicinity\DG_Location_V5_ISHB_Trees.mxd (MAG) (r) (r) (r) 11/2/2022

Map Date: 11/2/2022
Source: ESRI

Figure 2. Project Location

2.0 PRE-CONSTRUCTION BAT SURVEY

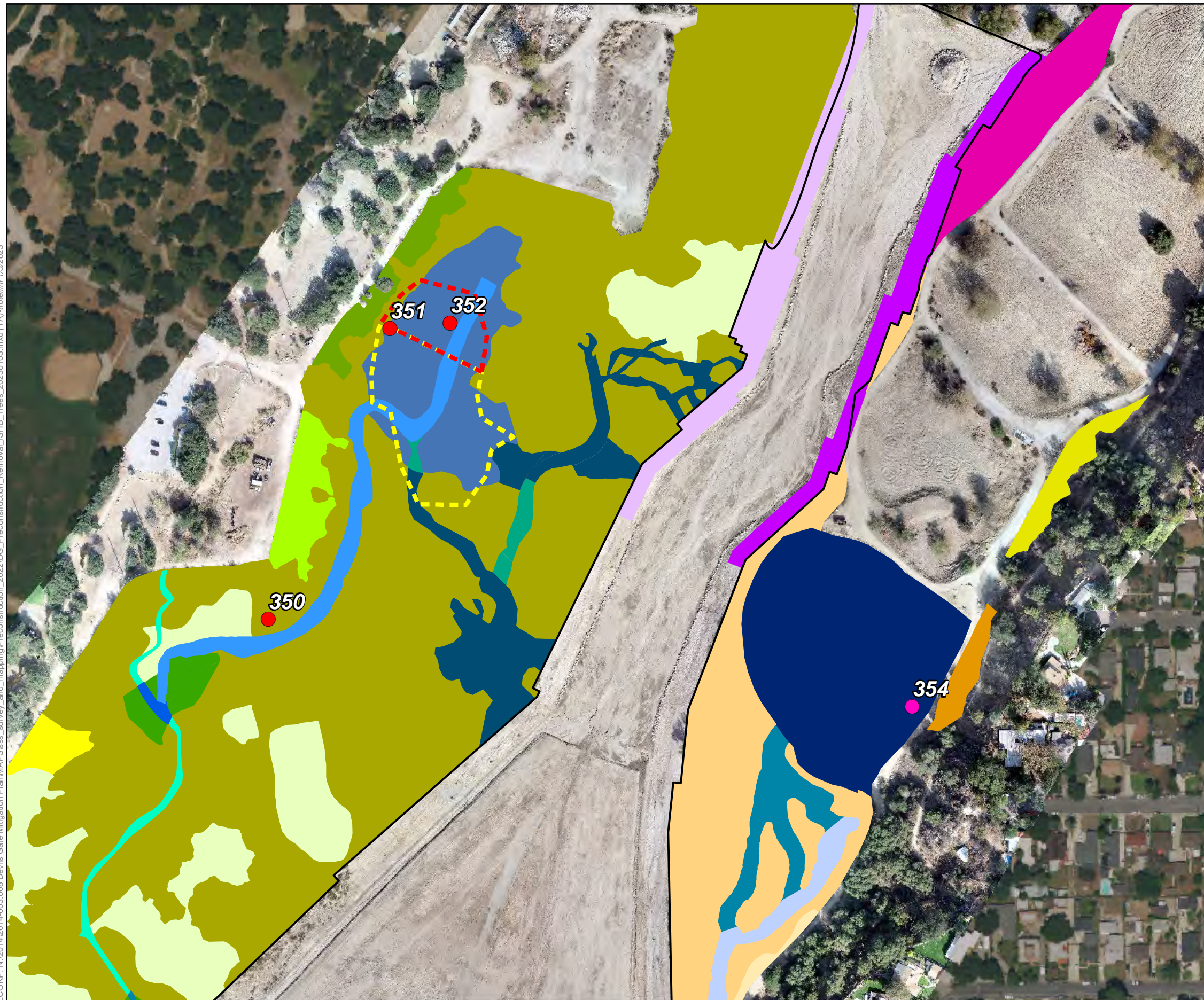
Prior to commencing tree removal activities, a preconstruction bat survey was conducted for the trees identified by ACWM for removal and trimming. The preconstruction bat survey included one daytime survey (habitat assessment) to identify any infested trees with potentially suitable bat roosting habitat and one nighttime survey for the six amplifier trees to determine presence/absence of bat species. The daytime survey was conducted by ECORP Consulting, Inc. (ECORP) biologists Lauren Simpson and Corrina Tapia on October 5, 2022. During the daytime survey, a total of 21 trees, including one amplifier tree and 20 trees with low to moderate infestation, were determined to provide suitable bat roosting habitat due to presence of exfoliating bark, crevices, and/or woodpecker cavities. During the survey, the location of each of these trees was marked using a Global Positioning System (GPS). Following the daytime survey, one nighttime emergence and acoustic survey was conducted by ECORP biologists Lauren Simpson, Corrina Tapia, and Alden Lovaas on October 10, 2022, for the one amplifier tree determined to provide suitable roosting habitat. During the nighttime survey, no bats were observed emerging from the amplifier tree. The remaining 20 trees with suitable roosting habitat and a low to moderate ISHB infestation were flagged with Environmentally Sensitive Area (ESA) flagging and were avoided during removal activities. The methods and results of the bat survey can be found in the Preconstruction Bat Survey Report for the Devil's Gate Reservoir Restoration Project dated December 2022 (ECORP 2022). This report is included as Appendix B to this report.

3.0 SUMMARY OF BIOLOGICAL MONITORING

ISHB tree removal was conducted by Panamerican on October 19, 20, and 24, 2022. Biological monitoring during this time was conducted by ECORP biologists Joshua Harris, Carley Adams, and Eliza McLean. At the end of each day, a monitoring log was completed documenting work activities that took place (Appendix C). Prior to commencement of tree removal, ACWM walked the Project mitigation areas and flagged all of the amplifier trees identified during the survey as needing to be removed or trimmed, including three Fremont's cottonwoods within DG-4, two black willows within DG-W-2 (Mining Pit), and one Fremont's cottonwood within DG-W-1 (Johnson Field). In addition, trees with low to moderate infestation within the Black Willow Forest that were dead or in a condition unlikely to survey survive were marked for removal with white spray paint by ACWM to aid Panamerican and ECORP in the tree removal effort. Figure 3 shows the location of all the amplifier trees and whether they were removed or trimmed. Figure 3 also shows the location of the Black Willow Forest in relation to the Project mitigation areas where additional black willows with low to moderate levels of infestation were removed.

Tree removal was accomplished by one worker felling trees using a chainsaw and the remaining crew members hauling the felled trees out by hand. Prior to felling each tree, ECORP biologists and the Panamerican crew collaborated on which direction of felling would minimize impacts to plantings. Crew members hauling trees out by hand used predetermined access paths or previously disturbed paths that were approved by ECORP biologists. Trees removed from the mitigation area were brought to and put through a woodchipper staged near the Hahamongna Watershed Park parking lot. Removed trees were chipped down to 1 inch and spread along a clear plastic tarp and covered with an additional clear plastic tarp to commence the solarization process.

ECORP: N:\2014\2014-003_008 Devils Gate Mitigation Plan\MapSeries_survey_and_mapping\Preconstruction_2022\DG_Preconstruction_Removal_ISHB_Trees_20230103.mxd (TR):rolelmi 1/5/2023



Map Features

Final Design Boundary	DG-4 WOUS
Black Willow Forest North	DG-4 WOUS Connections
Black Willow Forest South	DG-4A
Amplifier Trees	
Removed	DG-4B
Trimmed	DG-4C
Mitigation Areas	
DG-1	DG-5
DG-2	DG-7 (Temp Impacts)
DG-2 New Channels	DG-8 (Temp Impacts)
DG-2 WOUS	DG-East Trail 3
DG-2A	DG-East Trail 4
DG-4	DG-SF-1
DG-4 Drainage	DG-SF-2
DG-4 Sheetflow	DG-W-1 (Johnson Field)
	DG-W-2 (Mining Pit)
	DG-W-2 (Mining Pit Outlet)

Sources: NAIP (2020), ECORP Remote Sensing Imagery (2022)
Other Related Info if Needed



Figure X-X. ISHB tree removal
 2022-226.01 Devils Gate Restoration Maintenance

Logs were placed on top of the tarp to avoid spread of chipped trees and vandalism. The tarps will remain in place for a period of at least six months in an effort to kill any remaining ISHB beetles and larvae and will be removed only after confirmation is received from ACWM.

A total of 163 ISHB infested trees were removed from the mitigation areas in DG-4, DG-4 WOUS, and DG-W-2 (Mining Pit) including five amplifier trees and 158 trees with low to moderate infestation that were dead or in a condition unlikely to recover. One amplifier tree located within DG-W-1 (Johnson Field) was trimmed of infested branches. The number of removed trees differed significantly from the number identified during the survey conducted by ACWM in the summer of 2021 due to the fact that many of the black willows in the Black Willow Forest had fallen over on their own between the time of the survey conducted by ACWM and when removal took place. Trees and limbs that had fallen over on their own prior to the removal effort were generally left in place for wildlife habitat at the direction of ACWM due to the fact that these trees and limbs were determined to have a low potential of still being infested. In addition, safety concerns prevented trimming unstable trees in the Black Willow Forest. Lastly, 20 trees that were determined to provide suitable bat habitat during the pre-construction bat survey were avoided during removal activities.

4.0 ADAPTIVE MANAGEMENT

ECORP will continue to monitor the remaining trees in the mitigation areas for any signs of additional infestation or dieback. In addition, ECORP will monitor the tarped woodchips on a regular basis during the six-month solarization period to address any damages to the tarp that may need to be repaired. ECORP will continue to work with the ACWM to collaborate on adaptive management techniques and any additional removal that may be required in the future. If necessary, ECORP will work with the ACWM to coordinate deploying ISHB traps within the restoration areas to confirm presence or absence. If issues with ISHB infestation continue, host trees may need to be excluded from the planting palette for future phases of restoration.

5.0 CONCLUSION

A total of 163 trees were felled (including five amplifier trees) and one tree was trimmed of infested branches. Removal of ISHB trees was successful and to the extent possible avoided impacts to existing plantings within the mitigation areas. Infested trees that were removed were chipped down to one inch for solarization and will continued to be monitored for the six-month period to address any damages to the tarp. The mitigation areas for the Project will continue to be monitored for additional signs of infestation and additional tree removal in the future may be warranted. ECORP will continue to work with the ACWM to collaborate on adaptive management techniques that may need to be implemented.

6.0 REFERENCES

- California Department of Fish and Wildlife [CDFW]. 2018. Amendment of Lake or Streambed Alteration Agreement for the Devil's Gate Sediment Removal and Management Project (Notification No. 1600-2015-0263-R5). Permittee: Los Angeles County Department of Public Works. July 17, 2018.
- CDFW. 2017. Lake or Streambed Alteration Agreement for the Devil's Gate Sediment Removal and Management Project (Notification No. 1600-2015-0263-R5). Permittee: Los Angeles County Department of Public Works. March 21, 2017.
- ECORP Consulting, Inc [ECORP]. 2018. *Devil's Gate Sediment Removal and Management Project Final Habitat Restoration Plan*.
- ECORP. 2022. *Preconstruction Bat Survey Report for the Devil's Gate Reservoir Restoration Project*.
- Los Angeles County Agricultural Commissioner/Weights and Measures. 2021. *Final ISHB Report for Devil's Gate Reservoir Restoration Project*.

LIST OF APPENDICES

Appendix A – Final ISHB Report for Devil’s Gate Reservoir Restoration Project

Appendix B – Preconstruction Bat Survey Report

Appendix C – ISHB Monitoring Logs

Final ISHB Report for Devil's Gate Reservoir Restoration Project

December 1, 2021

Prepared for the Los Angeles County Public Works

Prepared by Rachel Burnap and Fayek Girgis, Los Angeles County Agricultural Commissioner/Weights and Measures (ACWM)

Final ISHB Report for Devil's Gate Reservoir Restoration Project

Background

In the summer of 2021, large areas of black willow dieback were noticed by the general public and by ECORP Consulting during monitoring visits. ECORP Consulting inspected the trees and noticed signs of Invasive Shothole Borer infestation. ECORP then notified the Los Angeles County ACWM.

Methods

During the months of September, October, and November 2021, Inspectors Burnap and Girgis assessed thousands of trees for infestation and damage caused by the Polyphagous and/or Kuroshio bark beetles (collectively known as Invasive Shothole Borers or ISHB). The entire area shown in the Devil's Gate Mitigation Areas 20210723 shapefile was gridded, including both the east and west area of the reservoir. Every known tree host species for ISHB and any tree that exhibited severe dieback or found dead was examined. The primary tree species examined included black willows (*Salix nigra*), Fremont cottonwoods (*Populus fremontii*), a few sycamore hybrids (*Platanus* spp.), and a box elder (*Acer negundo*).

Each tree was examined for active ISHB entry holes. Trees that had heavy to severe infestations (150 active entry holes and/or over 30% canopy dieback) were tagged and labeled to remove. These trees were found in the central area on the western side of the reservoir (See Maps 1 and 2). Trees where the active infestation or dieback was compartmentalized in a few branches were marked to be trimmed. Trees with moderate infestations were marked with GPS to monitor.

Dead trees located roughly in the area named DG-W-2 (named Black Willow Forest 1 for the purpose of this report) were also inspected. The number of trees to remove or be trimmed in this area was determined by marking the parameter of forest area by GPS, then determining the dead or trim tree density in a 5,000 sq. ft. area within it. The forest dead/trim tree density was observed to be spatially different, so this was delineated, and the forest area was divided into two sections, North and South (See Map 3). The southern section consisted of 60,399 sq. ft. with a density of 45 dead/trim trees per 5,000 sq. ft. area. The northern section consisted of 23,145 sq. ft. with a density of 120 dead/trim trees per 5,000 sq. ft. area.

All trees to remove or be trimmed were identified with a metal tree tag. Baseline data was collected for all tagged trees. This included a GPS point, tree height, tree Diameter at Breast Height (DBH), level of infestation, and level of dieback. Pictures were also taken. Ten wood samples were taken from the area to test for fusarium fungus. The fusarium samples were submitted through the Los Angeles County ACWM Plant Pathology Laboratory to the California Department of Food and Agriculture. One live beetle was found in an infested tree and sent to the Los Angeles County entomologist, Dr. Arakelian. He identified it as a Polyphagous Shothole Borer.

Active entry holes were determined by visual assessment and showed recent staining, and/or frass, with a clearly defined borders and a dark fusarium ring that continued through the bark and cambium layer into the sapwood. Inactive entry holes, as indicated by compartmentalization, had entry holes and fusarium that disappeared after scraping off the bark. These inactive entry holes were not counted but indicated that

the tree may be recovering. Black willows and cottonwoods were difficult to examine due to the thick bark and required careful and thorough examination.

The estimated number of active beetle entry holes determined the tree's level of infestation¹ (Low: 1-50, Moderate: 50-150, Heavy: over 150, and Severe/Amplifier: over 150 plus crown dieback). Levels of crown dieback included Low (1-20%), Moderate (21-30%), Heavy (over 30%), and Dead.

Discussion

Much of the Mitigation Area had little to no active infestation. However, infestations were not confined to any one area. A low to moderate active ISHB infestation was discovered throughout the Mitigation Area with 5 trees heavily or severely infested, 1 cottonwood to be trimmed, 11 trees to monitor, and 1,092 trees to be removed or trimmed in the Black Willow Forest 1 (See Photograph 1 and Table 1 in Recommendations).

Black Willow Forest 1 consisted of small diameter (approximately 4" to 10" DBH) black willows with varying degrees of dieback. Many, but not all, dead black willows in Forest 1 exhibited a low to moderate infestation, showing that the tree died from something other than fusarium dieback. Larger diameter (approximately 12" DBH and above) willows were also found infested, often with a higher infestation level than the small diameter trees. In this area, two severely infested (amplifier) willows were identified and tagged to be removed. Bot rot (a bacterial disease caused by *Botryosphaeria*) was also observed in this area in dead trees. Spread through rain and wind, bot rot infects stressed trees and can quickly cause tree mortality. Non-infested dead trees in this area will also be removed due to concern of fire in the urban wildland interface (See Photographs 2-3).

The fusarium seemed dry in many cases throughout the mitigation area, leading to the question if drought had slowed and/or prevented beetle reproduction since the fusarium fungus requires moisture to grow and is the beetle's sole source of food. This leads to the hypothesis that perhaps beetle infestation will increase once moisture is restored to the trees. Research on the Kuroshio ISHB infestation in the Tijuana River suggests that irrigated trees are more susceptible to infestation; however, there are other cases where non-irrigated trees are also severely infested, so this hypothesis continues to be debated².

An infested amplifier sycamore tree was discovered in the City of Pasadena Hahamonga Watershed Park parking lot, west of the mitigation area. Kenny Graham, the City of Pasadena Forester, was contacted. The city is already actively removing ISHB infested amplifier trees and taking the correct actions to prevent ISHB spread.

Recommendations

Removal of the 5 heavy and severely infested trees will prevent these trees from spreading the infestation. Trimming the infested cottonwood will help this tree continue to recover from a past heavy infestation and help protect park visitors from large falling limbs (See Photograph 4). Non-infested dead trees in the Black Willow Forest will also be removed due to concern of fire in the urban wildland interface. Trees in this area will also be trimmed as needed.

All tree material should be treated as infested on site to ensure that all beetles are killed. Wood should be chipped down to 1", covered with thick clear plastic, and left in place to solarize in the sun. Current

¹ As recommended by the University of California Agriculture and Natural Resources Cooperative Extension.

² Dr. Bea Nibua-Behrmann, personal correspondence, August 12, 2021.

recommendations can be found at www.ishb.org. Pile location/s should be chosen carefully to avoid damaging the native plants.

Monitoring of the infestation will be key to preserving tree diversity in this area. While only 9 trees were marked specifically, the entire mitigation area should be examined every 6 months to at least every year. The few sycamores, cottonwoods, and lone box elder should be particularly monitored. A list of reproductive host species, and pictures of ISHB infestation can be found at www.ishb.org.

ISHB traps deployed in the restoration area during the appropriate months will make monitoring easier. Traps should be placed between trees and not out in the open, for example, between a healthy and an infested tree. Traps should not be placed in a completely non-infested area since this could draw ISHB to healthy trees. An example of riparian trap deployment can be found in the Early Detection Rapid Response Plan LA County SMMNRA 2019 Exhibit A: Trapping Protocols³.

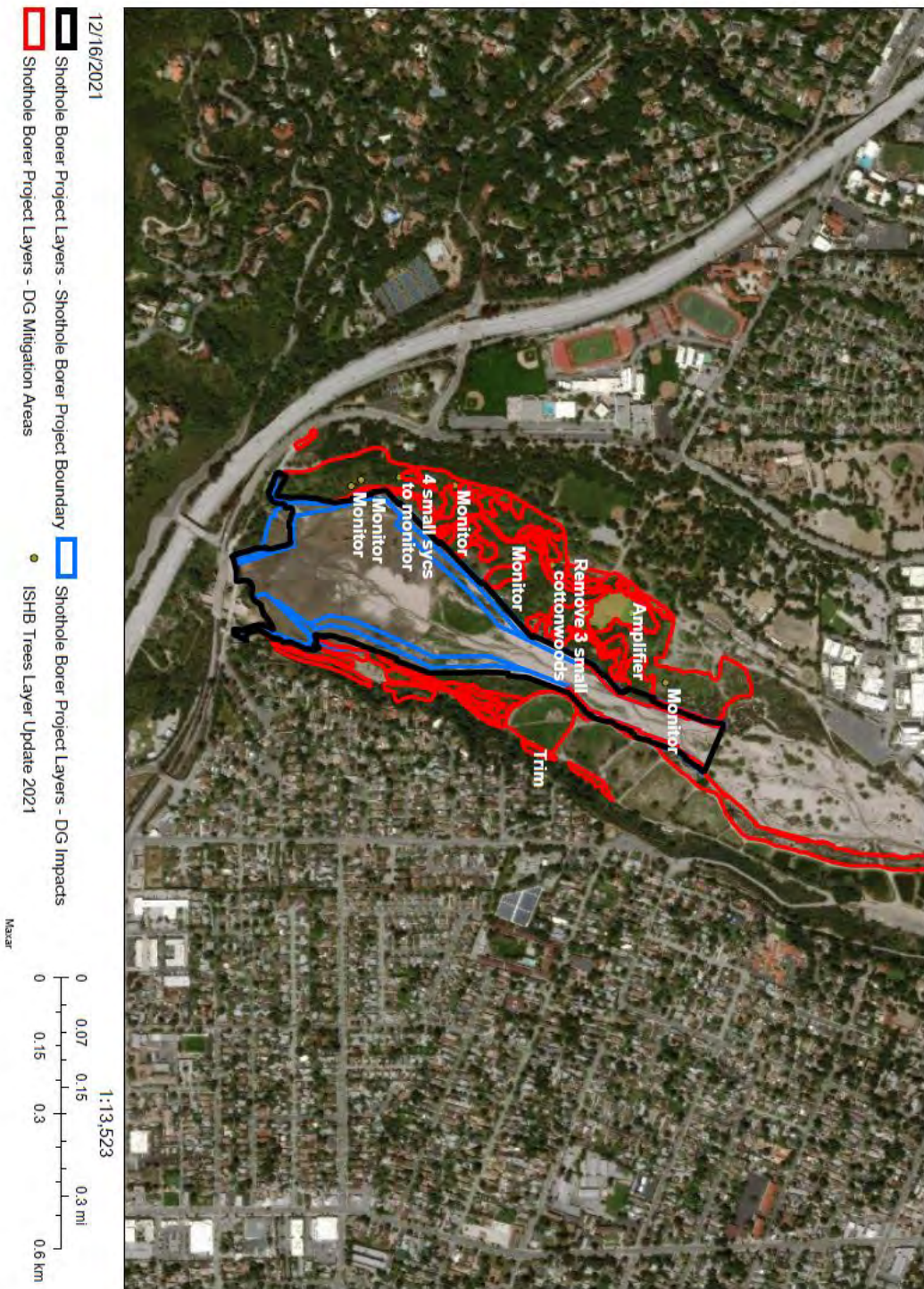
³ Found at <https://www.rcdsmm.org/wp-content/uploads/2019/12/EARLY-DETECTION-RAPID-RESPONSE-PLAN-LA-County-SMMNRA-2019.pdf>

Table 1. Tree Information with associated Pest and Damage Records

Note GPS location of each tree.

Tree Tag Number	Action to Take	Pest and Damage Record Number	Infestation Level	Latitude/Longitude	Notes
350	Remove 3 infested Fremont cottonwoods	19TP50001069 19TP50001239	Heavy	-118.1752299 34.1916586	Tree #1-10" DBH 40 ft tall >30% dieback Tree #2- 5" DBH 15 ft tall 20-30% dieback Tree #3- 11" DBH 30ft tall 20% dieback
351	Remove 1 black willow	19TP50001366	Amplifier	-118.1744484 34.19321886	6" DBH, 40 ft. tall, >30% dieback
352	Remove 1 black willow	19TP50001362	Amplifier	-118.1740602 34.19324788	9" DBH, 40 ft. tall, >30% dieback
Black Willow Forest 1-North	Remove and/or trim dead tops off approximately 552 trees	19TP50001364 19TP50001363 Taken from this area	Variable	Near -118.1740565 34.1930594	Black willows DBH roughly ranging from 4" to 10". Height ranges roughly from 20' to 35'.
Black Willow Forest 1-South	Remove and/or trim dead tops off approximately 540 trees	19TP50001238 19TP50001236 19TP50001237 Taken from this area	Variable	Near -118.1740565 34.1930594	Black willows DBH roughly ranging from 4" to 10". Height ranges roughly from 20' to 35'.
354	Trim large dead branches off cottonwood		Past heavy infestation	-118.170929 34.19125	24" DBH, 40 ft. tall, 20-30% dieback
No tag	Monitor black willow		Moderate	-118.1723905 34.19392	13" DBH, 30 ft. tall
No tag	Monitor black willow		Moderate	-118.1758144 34.19083	22" DBH, 45 ft. tall
No tag	Monitor black willow		Moderate	-118.1771497 34.18973	9" DBH, 25 ft. tall
No tag	Monitor black willow		Moderate	-118.1769705 34.18804	
No tag	Monitor 2 black willows		Moderate	-118.1772683 34.18786	
No tag	Monitor 4 small sycamores		Moderate	-118.1773353 34.18863	
No tag	Monitor large sycamore		Moderate	-118.1771122 34.18767	27" DBH, 55 ft. tall
TOTALS	Remove 5 infested trees		Trim 1 large cottonwood		
	Remove/trim 992 small DBH willows in Black Willow Forest 1		Specifically monitor 11 trees		

Devil's Gate-Overview



Map 1. Devil's Gate Restoration Project Overview Map with Project Boundaries. Note the green area marked with an Amplifier tree is the Black Willow Forest 1.

Devil's Gate-Overview



12/16/2021

Map 2. Devil's Gate Restoration Project Overview Map without Project Boundaries. Note that there is an unseen Amplifier near the marked one in the light/dark green area.



Map 3. Overview of Black Willow Forest 1. North and South sections delineated according to dead/trim tree density. Note location of two amplifier trees within area.



Photograph 1. This larger DBH black willow had a low ISHB infestation. It was found in the Black Willow Forest 1. A wood sample was taken and sent to the CDFA for analysis. The dark fusarium fungus can be seen in the tree's sapwood.



Photograph 2. View of the Black Willow Forest 1 looking north. Note numerous small, dead willows.



Photograph 3. View looking up into the canopy of the Black Willow Forest 1. Note numerous dead trees but also trees that experienced canopy dieback in the upper portions.



Photograph 4. This Fremont cottonwood experienced canopy dieback and limb loss due to a heavy ISHB infestation. Note large branches on the ground. The tree is now in recovery. Trimming off dead branches will help its recovery and help protect park users visiting this trail.

APPENDIX B

Preconstruction Bat Survey Report

Preconstruction Bat Survey Report for the Devil's Gate Reservoir Restoration Project

City of Pasadena, California

Prepared For:

Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803-1331

Prepared By:



2861 Pullman Street
Santa Ana, California 92705

December 2022

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Appendix A – Representative Photographs

1.0 INTRODUCTION

On behalf of Los Angeles County Public Works (LACPW), ECORP Consulting, Inc. (ECORP) conducted a preconstruction bat survey for the Devil's Gate Reservoir Restoration Project (Project) located in the City of Pasadena, Los Angeles County, California. The survey was conducted at trees that had previously been identified by the Los Angeles Agricultural Commissioner as being infested with Invasive Shothole Borers (ISHB). These trees are scheduled for trimming or removal to reduce the spread of ISHB throughout the site. The surveys were conducted to comply with Condition 2.14a of the Streambed Alteration Agreement (SAA; Notification No. 1600-2015-0263-R5) (CDFW 2017) for the Project, which states:

"No less than 30 days before scheduled Initial Vegetation Removal and structure removal Permittee shall have the Designated Biologist approved by CDFW, specifically for bats, conduct a preconstruction reconnaissance survey to identify those trees and/or structures proposed for disturbance that could provide hibernacula, roosting, or nursery colony habitat for bats."

Three bat species were also included as protected species under the SAA: pallid bat (*Antrozous pallidus*), western mastiff bat (*Eumops perotis californicus*), and western yellow bat (*Lasiurus xanthinus*). The surveys were also conducted to comply with Condition 2.10 of the SAA which states:

"The Permittee shall have a Designated Biologist survey the proposed work area to verify the presence or absence of protected species. The results of these surveys shall be provided to CDFW, along with copies of all field notes, prior to Project Initiation."

In addition, the surveys were conducted to comply with Mitigation Measure BIO-5 (MM-BIO-5) of the Final Environmental Impact Report (ECORP 2017) for the Project which states:

"Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula."

Finally, the surveys were conducted to comply with Best Management Practice G2 of the Clean Water Act Section 401 Water Quality Certification (4WQC40115053) (LARWQCB 2018) which states:

"Within 30 days prior to commencement of vegetation or sediment removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. If either a maternity roost or hibernacula (structures used by bats for hibernation) is present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate, safely evicting nonbreeding bat, establishment of avoidance buffers, or replacement of roosts at a suitable location."

The purpose of the preconstruction bat surveys was to identify and assess potential roosting habitat in the trees identified as infested by ISHB and scheduled for trimming or removal (hereafter “study area”). This report documents the results of the preconstruction bat surveys.

1.1 Site Description

The Project is located within the City of Pasadena in the upper portion of the Arroyo Seco Watershed and within the City’s Hahamongna Watershed Park. Downtown Los Angeles is approximately 14 miles to the south of the Project, the San Gabriel Mountains are located just north of the Project, and the City of La Cañada Flintridge and the unincorporated community of Altadena are located to the west and east, respectively (Figure 1. Project Vicinity, Figure 2. Project Location). The Project is located within the “Pasadena, California” 7.5-minute quadrangle (U.S. Geological Survey [USGS] 2015).

The topography in the vicinity of the Project consists of rolling terrain with a decline into the Arroyo Seco basin. The San Gabriel Mountains are located to the north of the Project and are characterized by both the foothills and steep slopes associated with mountainous terrain. Vegetation within the study area is primarily composed of black willow thickets (*Salix gooddingii* Woodland Alliance) and mulefat thickets (*Baccharis salicifolia* Shrubland Alliance).

1.2 Bat Natural History

There are 25 bat species known to occur in California, 23 of which are known to occur in the south coast ecoregion of the state that includes the Project site. Factors such as habitat loss, roost disturbance, light and noise pollution, and human disturbance are among the factors causing declines in bat populations throughout California (Johnston et al. 2019).

The term *roost* refers to locations or structures (natural or artificial) that house bats. Roosts provide protection from predators and the external environment, as well as provide sites where social groups can congregate. Roosts can provide shelter for individuals or large colonies of bats. Day roosts are locations that provide routine protection and shelter for bats during their inactive daylight hours. Day roosts that are used seasonally by a colony of female bats to give birth to, nurse, and rear young are known as maternity roosts. Day roosts may also be used by hibernating bats in the winter where bats enter torpor (a condition of dramatically lowered metabolism) for extended periods of time; these roosts are known as hibernacula. Day roosts may also provide temporary refuge for groups of migratory bat species, which often includes large groups of bats stopping over in the spring or fall. Night roosts are structural features that provide shelter for bats to rest and digest food that has been captured throughout the night in between foraging sessions; and are therefore often located in or adjacent to a foraging area. A given roost location may serve as any combination of roost types (i.e., day and night roost, maternity roost, and hibernacula).

The term *colony* refers to a group of bats inhabiting a given roost. Maternity colonies in California can range from tens to thousands of individual bats from one or more species, and typically are formed in the spring and disbanded in the fall. Maternity season is defined in the SAA as approximately March 1 to September 30. Migration may overlap portions of maternity season and winter. Some species in California have both resident and migratory populations.

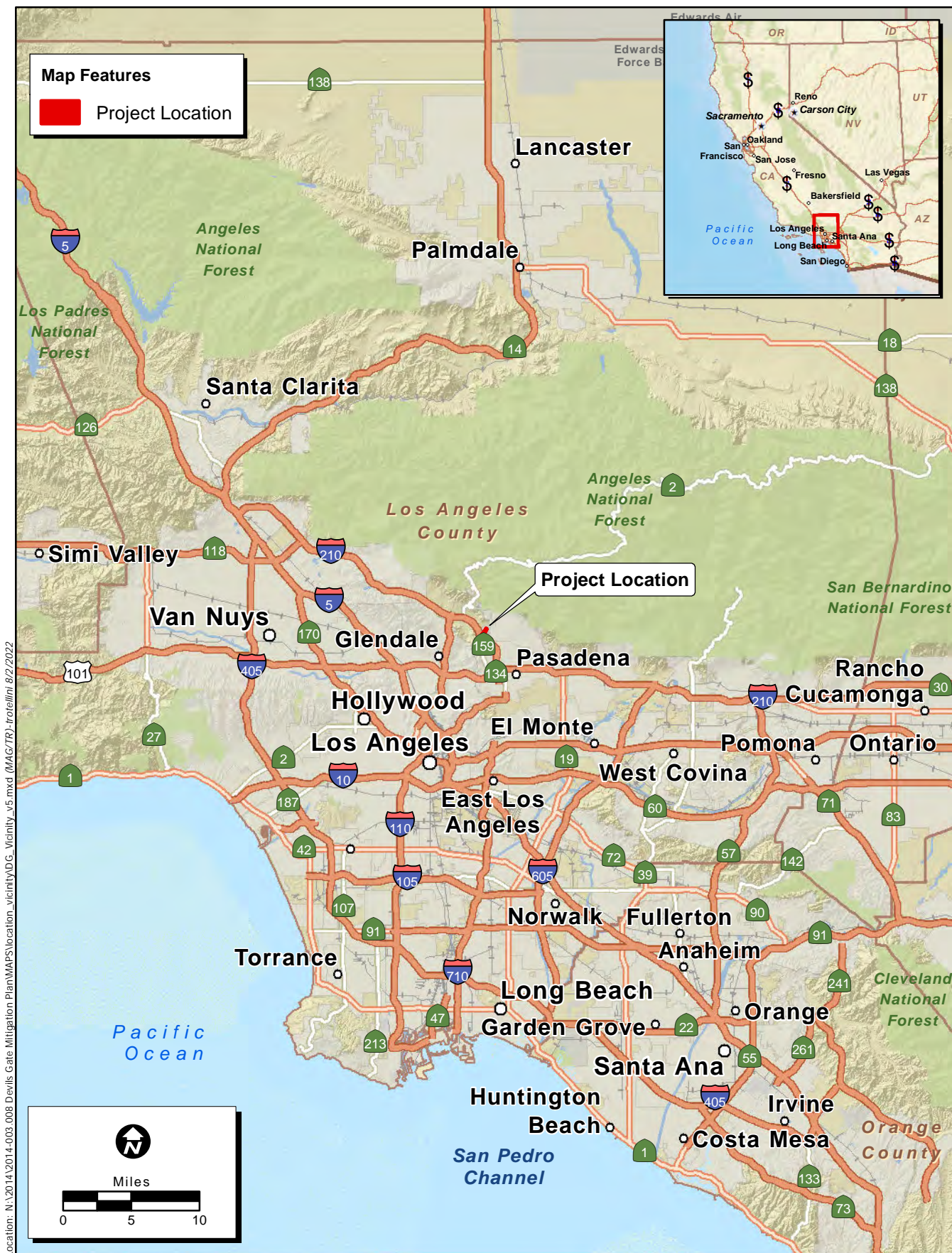
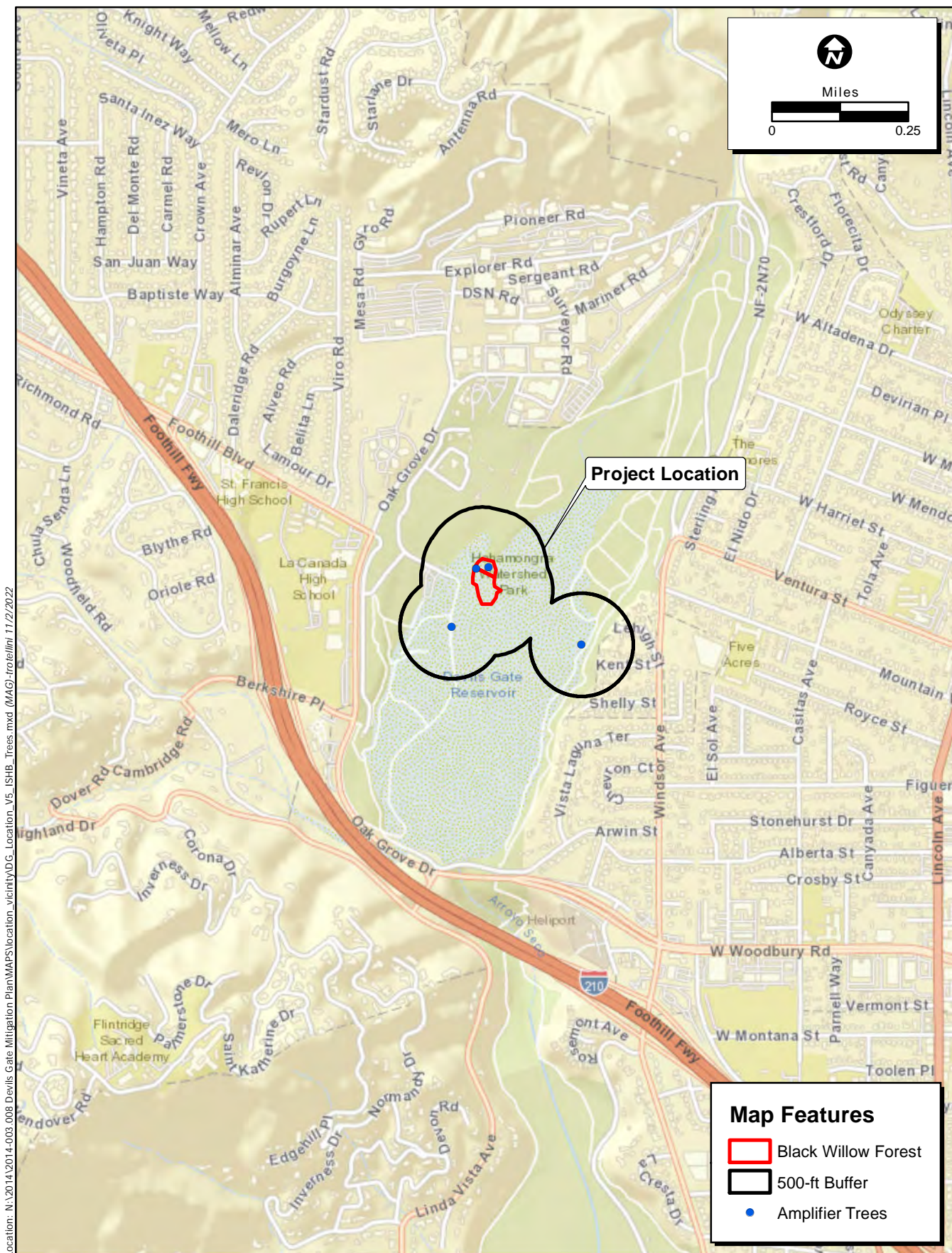


Figure 1. Project Vicinity



Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\MAPS\location_vicinity\DG_Location_V5_USHB_Trees.mxd (MAG) (role/lin) 11/2/2022

Map Date: 11/2/2022
Source: ESRI

Figure 2. Project Location

1.2.1 Tree Roosts

North American bat species are known to use a variety of roosts, including trees (Zeiner et al. 2001). Tree-roosting bats include those species that roost within foliage and species that roost under exfoliating bark or in the cavities of snags and trees (Vonhof and Barclay 1996; Brigham et al. 1997; Ormsbee and McComb 1998; Rabe et al. 1998). Several studies on tree-roosting bat species have demonstrated the importance of large diameter, tall trees or snags as roosting sites, especially those in more open areas of upland habitat near water sources (e.g., Kurta et al. 1993; Vonhof and Barclay 1996; Brigham et al. 1997; Ormsbee and McComb 1998; Rabe et al. 1998; Jachowski et al. 2016). Tree species and state of decay determine the type of roost features available (e.g., number of natural cavities, amount of peeling bark, presence of woodpecker holes, heart rot).

Colony size at a given tree roost location may be limited by cavity size, affecting both the nature of social interactions and the potential for thermoregulation by clustering (Kurta 1986; Willis et al. 2006). Tree cavities can be occupied by a single bat (typically males and nonreproductive females) or many bats (maternity colonies). Maternity colonies in tree roosts consist of reproductive females in the tens or hundreds. Tree-roosting bats frequently switch roosts for a variety of reasons, including decreasing commuting costs to foraging areas, seeking out alternate microclimates, avoiding predation, and reducing parasite exposure (Lewis 1995).

In southern California, 15 bat species have been documented roosting in trees (Johnston et al. 2019). Tree roosting bat species that are considered Species of Special Concern (SSC) by CDFW and are known to occur in the region include Townsend's big eared bat (*Corynorhinus townsendii*), western red bat (*Lasiurus blossevilli*), and pallid bat.

2.0 METHODOLOGY

2.1 Bat Habitat Assessment

ECORP biologists conducted a bat habitat assessment of the study area to determine the potential for the presence of roosting bats. The biologists investigated all potential habitat areas within the study area that may be suitable for or are currently occupied by roosting bats. The biologists examined any trees with cavities, exfoliating bark, bark with deep furrows, or woodpecker holes, and any other potential bat habitat for the presence of bats (visually or audible chatter) or bat sign (guano, culled insect parts, urine staining, etc.). A Global Positioning System (GPS) point was recorded at all trees determined to provide suitable roosting habitat. Binoculars and flashlights were used to assist with the visual assessment. Photographs were taken of each tree identified as potential roosting habitat.

2.2 Nighttime Emergence and Acoustic Surveys

2.2.1 Nighttime Surveys

Following the habitat assessment, an evening survey including emergence counts and acoustic monitoring was conducted at one tree identified as suitable roosting habitat. The emergence survey began approximately 15 minutes before sunset and continued until approximately one hour after sunset.

Observers equipped with tally meters, hand-held acoustic bat detectors (Echometer Touch 2 Pro, Pettersson U384), and night-vision goggles (AN/PVS-7) were deployed to observation points identified during the daytime assessment. Visual surveys were performed by three biologists. Each surveyor was positioned so that they could observe and count bats as the bats exited and entered the potential roost locations. The total number of bats observed emerging from the roost was tallied immediately following the survey.

Due to the inhibiting effect of large moon phase on bat activity (Lang et al. 2006), nighttime bat surveys are conducted, whenever possible, on nights when less than 50 percent of the moon is visible. Due to scheduling constraints of tree removal activities this was not possible during this survey effort. Weather conditions (temperature, cloud cover, wind speed) were recorded at the start and end of the survey.

2.2.2 Acoustic Analysis

Active collection of echolocation calls during surveys allows for the best quality of diagnostic calls and, in combination with passive monitoring, provides context for the investigator. For analyses, only the best representative calls were used for identification to species level. Qualitative call characteristics (inflection, shape), known call-frequency parameters, and a reference library of “voucher” calls from known hand-released bats were used to identify calls to the species level or “phonic group” (a species pair or group of species with similar characteristic call frequency that could not be distinguished to species level due to call similarity or quality of the call sequence, respectively) (O’Farrell et al. 1999; U.S. Geological Survey 2005). Three groups of bat species in California are commonly consolidated into phonic groups for the purposes of acoustic analysis due to the high degree of similarity of their echolocation calls. These groups are the 50-kilohertz (kHz) Myotis group that includes California myotis (*Myotis californicus*) and Yuma myotis (*M. yumanensis*); the 40-kHz Myotis group, which includes little brown bat (*M. lucifugus*), long-legged myotis (*M. volans*), and small-footed myotis (*M. ciliolabrum*); and the Q25 phonic group, which includes silver-haired bat (*Lasiurus noctivagans*), big brown bat (*Eptesicus fuscus*), pallid bat, hoary bat (*Lasiurus cinereus*), and Mexican free-tailed bat (*Tadarida brasiliensis*). Recordings were analyzed using Sonobat (Version 4.4.5 North America) software.

The analysis of acoustic data for bat species identification has inherent limitations. These limitations include the quality of acoustic data recorded and the fact that bat species are not equally detectable. Not all call sequences recorded in a given acoustic survey are identifiable to species or phonic group. Some bat species emit loud relatively low-frequency echolocation calls that can be recorded from great distances and will be overrepresented in the data, other species emit faint calls that may not be detected by acoustic monitoring equipment, and some species may even forage without echolocating. Further, social calls and calls produced in high-clutter conditions (such as when exiting a roost) are often not diagnostic for species identification. A single night of survey is insufficient to draw conclusions about the overall roosting patterns at a site. Colony size, species composition, activity levels, and habitat use may change seasonally or even nightly. Despite these limitations, data gathered from acoustic call identifications and concurrent evening surveys and roosting habitat inspection provide important information in estimating the number of bats roosting at a given site and establishing the presence of maternity colonies.

3.0 RESULTS

3.1 Bat Habitat Assessment

The habitat assessment was conducted on October 5, 2022, by ECORP bat biologist Lauren Simpson assisted by ECORP biologist Corrina Tapia. During the assessment, a total of 21 individual trees scheduled for trimming or removal due to ISHB infestation were identified as suitable roosting habitat due to the presence of exfoliating bark, crevices, and/or woodpecker cavities (Figure 3). Of those trees, only one was considered an amplifier tree. This tree was scheduled for trimming but not removal. Representative photographs of the suitable roosting trees are included in Appendix A.

3.2 Nighttime Emergence and Acoustic Surveys

On October 10, 2022, ECORP biologists conducted a nighttime emergence survey at the amplifier tree scheduled for trimming during the ISHB tree removal process to determine if bats were day-roosting in the tree and what species were present. The remaining 20 trees identified as having bat roosting habitat were able to be avoided during the ISHB infested tree removal activities so surveys at those trees were not conducted. Table 1 lists the survey date, surveyors, and weather conditions during the survey.

Date	Surveyors	Time	Temperature (Start-End) (°F)	Cloud Cover (%)	Wind (mph)	Time of Sunset	Moon Phase (%)
10/10/2022	Lauren Simpson, Alden Lovaas, Corrina Tapia	1810-1925	75-69	20	0	1825	100

No bats were observed emerging from the tree during the emergence survey. However, bats were detected acoustically foraging throughout the study area. Acoustic recordings collected during the survey confirmed the presence of long-legged myotis, western red bat, Yuma myotis and California myotis during the survey. Western red bat is a CDFW SSC.

Additionally, acoustic recordings lacking diagnostic call characteristics were collected during the survey that fell into the 50kHz Myotis and 40kHz Myotis phonic groups. Of the 50kHz Myotis group, both California myotis and Yuma myotis were confirmed to be present. Of the 40kHz Myotis group, long-legged myotis was confirmed to be present but it is also possible that small-footed myotis was present.

The emergence survey was conducted in October outside of the bat maternity season. No bats were observed emerging from the tree scheduled for trimming during the survey.

Location: N:\2014\2014-003_008 Devils Gate Mitigation Plan\Map\SSsss_survey_and_mapping\Bat_Survey\2\DG_BatHabitAssess_JSHB_Trees_20221201.mxd (MAG) mguidry 12/5/2022

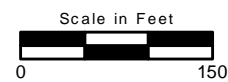
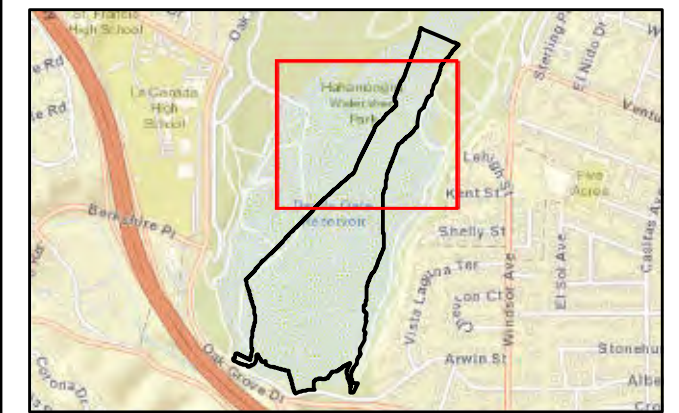


Figure 3.
Bat Habitat Assessment Results

Map Features

-  Project Impact Footprint
-  Black Willow Forest
-  Amplifier Trees
-  Bat Habitat Tree

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community



4.0 DISCUSSION

No sign or evidence of use of trees by roosting bats were observed during the survey. However, a total of 21 suitable bat-roosting trees were identified. The majority of the trees identified as potential habitat provided only limited suitable habitat for roosting in the form of sections of exfoliating bark and/or woodpecker cavities. These types of tree features can provide suitable roosting habitat for solitary or small groups of roosting bats but are not of sufficient size to support colonial roosting. Of these 21 trees, 20 were able to be avoided during ISHB infested tree trimming and removal activities. One tree, a Fremont cottonwood (*Populus fremontii*) tree that was classified as an amplifier tree on the east side of the Project site could not be avoided. An emergence survey was conducted at this tree and no bats were observed emerging during the survey.

Four species and two phonic groups were detected foraging in the vicinity during the emergence survey. Of these species, western red bat is a CDFW SSC. Western red bat is a foliage roosting species and this individual likely roosted in the foliage of a nearby tree. The tree scheduled for trimming does contain suitable foliage habitat for this species, but the foliage habitat would remain intact as trimming activities would only occur on dead branch portions of the tree. Further, all tree trimming activities will be conducted under the direct supervision of a biological monitor. As such, this species, if present, would be adequately protected during the ISHB tree trimming and removal activities and no impacts to roosting bats are anticipated as a result of these activities.

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Representative Photographs



Photo 1. View of amplifier tree scheduled for trimming where emergence survey was conducted.



Photo 2. Representative photograph of bat habitat tree in black willow forest.

APPENDIX C

ISHB Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: October 19, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:58	65 °F	0-3 MPH	0 %
End of Day	13:51	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Tree removal crew for invasive shot hole bore beetle.
2. One chainsaw and one woodchipper.
3. Panamerican; crew of eight and David (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, California ground squirrel, wood rat, side blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0758-0927: Arrived on site and met Carley/crew. Spoke with crew and gave the WEAP training to all eight workers. Walked the site with Department of Agriculture (Rachel Burnap) and crew identifying trees needing to be removed.
0928: Carley leaves.
0933-0948: Crew begins work. Removes three amplifier trees (ID 350) using a chainsaw.
1014: Crew moved to black willow forest north and began with removing amplifier trees. Then continued to remove trees marked by the Department of Agriculture.
1023: Last amplifier tree was removed from the west side. Amplifier trees removed included ID 350 (count of 3), 351 and 352. In the process of falling ID 351 a Baccharis pilularis was slightly damaged but not uprooted.
1036: Crew continues to haul out trees that were fell in the black willow forest north.
1102: Tree hits a few Baccharis salicifolia while being fallen. No serious damage done to the plants.
1115: Lunch.
1215: Return.
1246: Tree fell and slightly damages Baccharis pilularis and Ambrosia acanthicarpa.
1330: Crew is cleaning up while I finish Survey123 log.

Additional Comments

Crew finished day with falling 60 trees in total.

Signature





Crew_memeber_removing_amplifer_tree_facing_northeast.jpg



Fallen_trees_being_chipped_for_solarization_facing_west.jpg



Crew_members_hauling_out_fallen_trees_facing_east.jpg



End_of_day_solarization_progress_facing_west.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carley Adams
Company: ECORP
Date of Log: October 20, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	63 °F	0-3 MPH	25 %
End of Day	12:30	78 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Crew removing ISHB invested trees in willow forest north and south. Equipment used included one chainsaw and one wood chipper. Material was hauled out by hand. Crew consisted of one foreman (Carlos) one tree feller, and five laborers. 103 dead snags were removed.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MOD0, ANHU, YRWA, BEWR, CORA, RTHA, RSHA, ACWO, BUSH, NOMO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Arrived onsite and conducted sweep of work area.

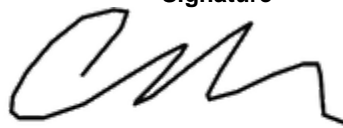
0730: Crew arrived and discussed plant for the day.

0745: Crew began infested tree removal in willow forest south.

Additional Comments

N/A

Signature





ISHB_Tree Removal_During_facingSW.jpg
-118.1742240555556 34.19239988888886



ISHB_Tee Removal_during_facingSW.jpg
-118.1743095277778 34.19259059444444



ISHB_Tree Removal_Before_facingS.jpg
-118.17435245833333 34.19260347222222



ISHB_Tree Removal_After_facingS.jpg
-118.17438785277778 34.19262638888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 24, 2022

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	51 °F	0-3 MPH	0 %
End of Day	11:00	67 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. ISHB tree removal.
2. Pole cutter, chainsaw, chipper.
3. Rachel (Department of Agriculture), Carlos (Lead), crew of six.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, AMCR, HOFI, YRWA, BLPH, ACWO, CASJ, ANHU, RCKI, WCSP, MODO, BEWR, EUST, DEJU, BUSH, CAQU, LEGO, GRFL, SPTO, NUWO, BRBL, COYE, SOSP, VESP, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived on site. Inspected wood chip tarp. Talked to Rachel about plan for the day.
0750: Crew arrived on site. Discussed plan with crew.
0810: Headed to east side. Crew trimmed tree 354.
0935: Finished trimming tree, headed back to west side to chip.
0945: Started chipping branches.
1045: Finished chipping and securing tarp.
1100: Left site.

Additional Comments

N/A

Signature





Tree_trimming_facingW.jpg
-118.1709769388889 34.191111666666664



Tree_after_trimming_facingW.jpg
-118.17099353611111 34.191116888888885



Chipping_facingE.jpg
-118.1754030555556 34.19264654444444



Secured_tarp_facingW.jpg
-118.17517944444445 34.19256932222222

APPENDIX D

City Protected Tree Survey - Addendum

March 6, 2023
2022-226.01

Mr. Keith Hala
Los Angeles County Public Works
900 South Fremont Avenue, 9th Floor
Alhambra, California 91803

Re: Devil's Gate Reservoir Restoration Project – City Protected Tree Survey – Addendum

1.0 INTRODUCTION

The purpose of this letter report is to provide an addendum to the City Protected Tree Survey Report prepared by ECORP Consulting, Inc. (ECORP) for the Devil's Gate Reservoir Restoration Project (Project) dated October 2018. In addition, this letter report documents the additional City of Pasadena (City) protected trees that were removed in October of 2022 at the recommendation of the Los Angeles County Agricultural Commissioner/Weights and Measures (ACWM) following the confirmed presence of the invasive shot hole borer (ISHB). This letter report is being prepared in accordance with Mitigation Measure (MM) BIO-7 for the Project and Pasadena's City Trees and Tree Protection Ordinance (Ordinance).

2.0 ADDITIONAL IMPACTS TO PROTECTED TREES

2.1 Brief Summary of ACWM Findings

In the summer of 2021, the mitigation areas for the Project were surveyed by the ACWM to identify trees infested with ISHB following public concern for the health of the trees in the DG-W-2 (Mining Pit) mitigation area. During the survey, the ACWM identified four City protected native trees that were heavily or severely infested with ISHB (amplifier trees) including three Fremont's cottonwoods (*Populus fremontii*) that were identified as needing to be removed and one Fremont's cottonwood that was identified as needing to be trimmed to remove infested branches. Data for the four Fremont's cottonwoods, including diameter at breast height (DBH), height, level of infestation, and action taken, can be found in the Final ISHB Report for Devil's Gate Reservoir Restoration Project prepared by ACWM and dated December 2021 (Attachment A).

2.2 Discussion of Impacts

A total of three Fremont's cottonwoods were removed and one Fremont's cottonwood was trimmed per the recommendations from the ACWM due to the high level of ISHB infestation. The tree canopy cover for City protected native trees that was impacted as a result of the ISHB tree removal activities included

approximately 0.02 acre of Fremont's cottonwood. Tree's identified by ACWM as being infested with ISHB were removed in an effort to prevent the spread of this invasive beetle and further loss of City protected native trees. Mitigation for the Project has exceeded level of mitigation required for the amount of impacted canopy and to date, a total of 1,678 1-gallon Fremont's cottonwoods have been planted as part of the mitigation for the Project.

If you have any questions about the information presented in this letter, please contact me at Cadams@ecorpconsulting.com or (714) 648-0630.

Sincerely,



Carley Adams
Senior Biologist

ATTACHMENT A

ACWM Report

December 1, 2021

Prepared for the Los Angeles County Public Works

Prepared by Rachel Burnap and Fayek Girgis, Los Angeles County Agricultural Commissioner/Weights and Measures (ACWM)

Final ISHB Report for Devil's Gate Reservoir Restoration Project

Background

In the summer of 2021, large areas of black willow dieback were noticed by the general public and by ECORP Consulting during monitoring visits. ECORP Consulting inspected the trees and noticed signs of Invasive Shothole Borer infestation. ECORP then notified the Los Angeles County ACWM.

Methods

During the months of September, October, and November 2021, Inspectors Burnap and Girgis assessed thousands of trees for infestation and damage caused by the Polyphagous and/or Kuroshio bark beetles (collectively known as Invasive Shothole Borers or ISHB). The entire area shown in the Devil's Gate Mitigation Areas 20210723 shapefile was gridded, including both the east and west area of the reservoir. Every known tree host species for ISHB and any tree that exhibited severe dieback or found dead was examined. The primary tree species examined included black willows (*Salix nigra*), Fremont cottonwoods (*Populus fremontii*), a few sycamore hybrids (*Platanus* spp.), and a box elder (*Acer negundo*).

Each tree was examined for active ISHB entry holes. Trees that had heavy to severe infestations (150 active entry holes and/or over 30% canopy dieback) were tagged and labeled to remove. These trees were found in the central area on the western side of the reservoir (See Maps 1 and 2). Trees where the active infestation or dieback was compartmentalized in a few branches were marked to be trimmed. Trees with moderate infestations were marked with GPS to monitor.

Dead trees located roughly in the area named DG-W-2 (named Black Willow Forest 1 for the purpose of this report) were also inspected. The number of trees to remove or be trimmed in this area was determined by marking the parameter of forest area by GPS, then determining the dead or trim tree density in a 5,000 sq. ft. area within it. The forest dead/trim tree density was observed to be spatially different, so this was delineated, and the forest area was divided into two sections, North and South (See Map 3). The southern section consisted of 60,399 sq. ft. with a density of 45 dead/trim trees per 5,000 sq. ft. area. The northern section consisted of 23,145 sq. ft. with a density of 120 dead/trim trees per 5,000 sq. ft. area.

All trees to remove or be trimmed were identified with a metal tree tag. Baseline data was collected for all tagged trees. This included a GPS point, tree height, tree Diameter at Breast Height (DBH), level of infestation, and level of dieback. Pictures were also taken. Ten wood samples were taken from the area to test for fusarium fungus. The fusarium samples were submitted through the Los Angeles County ACWM Plant Pathology Laboratory to the California Department of Food and Agriculture. One live beetle was found in an infested tree and sent to the Los Angeles County entomologist, Dr. Arakelian. He identified it as a Polyphagous Shothole Borer.

Active entry holes were determined by visual assessment and showed recent staining, and/or frass, with a clearly defined borders and a dark fusarium ring that continued through the bark and cambium layer into the sapwood. Inactive entry holes, as indicated by compartmentalization, had entry holes and fusarium that disappeared after scraping off the bark. These inactive entry holes were not counted but indicated that

the tree may be recovering. Black willows and cottonwoods were difficult to examine due to the thick bark and required careful and thorough examination.

The estimated number of active beetle entry holes determined the tree's level of infestation¹ (Low: 1-50, Moderate: 50-150, Heavy: over 150, and Severe/Amplifier: over 150 plus crown dieback). Levels of crown dieback included Low (1-20%), Moderate (21-30%), Heavy (over 30%), and Dead.

Discussion

Much of the Mitigation Area had little to no active infestation. However, infestations were not confined to any one area. A low to moderate active ISHB infestation was discovered throughout the Mitigation Area with 5 trees heavily or severely infested, 1 cottonwood to be trimmed, 11 trees to monitor, and 1,092 trees to be removed or trimmed in the Black Willow Forest 1 (See Photograph 1 and Table 1 in Recommendations).

Black Willow Forest 1 consisted of small diameter (approximately 4" to 10" DBH) black willows with varying degrees of dieback. Many, but not all, dead black willows in Forest 1 exhibited a low to moderate infestation, showing that the tree died from something other than fusarium dieback. Larger diameter (approximately 12" DBH and above) willows were also found infested, often with a higher infestation level than the small diameter trees. In this area, two severely infested (amplifier) willows were identified and tagged to be removed. Bot rot (a bacterial disease caused by *Botryosphaeria*) was also observed in this area in dead trees. Spread through rain and wind, bot rot infects stressed trees and can quickly cause tree mortality. Non-infested dead trees in this area will also be removed due to concern of fire in the urban wildland interface (See Photographs 2-3).

The fusarium seemed dry in many cases throughout the mitigation area, leading to the question if drought had slowed and/or prevented beetle reproduction since the fusarium fungus requires moisture to grow and is the beetle's sole source of food. This leads to the hypothesis that perhaps beetle infestation will increase once moisture is restored to the trees. Research on the Kuroshio ISHB infestation in the Tijuana River suggests that irrigated trees are more susceptible to infestation; however, there are other cases where non-irrigated trees are also severely infested, so this hypothesis continues to be debated².

An infested amplifier sycamore tree was discovered in the City of Pasadena Hahamonga Watershed Park parking lot, west of the mitigation area. Kenny Graham, the City of Pasadena Forester, was contacted. The city is already actively removing ISHB infested amplifier trees and taking the correct actions to prevent ISHB spread.

Recommendations

Removal of the 5 heavy and severely infested trees will prevent these trees from spreading the infestation. Trimming the infested cottonwood will help this tree continue to recover from a past heavy infestation and help protect park visitors from large falling limbs (See Photograph 4). Non-infested dead trees in the Black Willow Forest will also be removed due to concern of fire in the urban wildland interface. Trees in this area will also be trimmed as needed.

All tree material should be treated as infested on site to ensure that all beetles are killed. Wood should be chipped down to 1", covered with thick clear plastic, and left in place to solarize in the sun. Current

¹ As recommended by the University of California Agriculture and Natural Resources Cooperative Extension.

² Dr. Bea Nibua-Behrmann, personal correspondence, August 12, 2021.

recommendations can be found at www.ishb.org. Pile location/s should be chosen carefully to avoid damaging the native plants.

Monitoring of the infestation will be key to preserving tree diversity in this area. While only 9 trees were marked specifically, the entire mitigation area should be examined every 6 months to at least every year. The few sycamores, cottonwoods, and lone box elder should be particularly monitored. A list of reproductive host species, and pictures of ISHB infestation can be found at www.ishb.org.

ISHB traps deployed in the restoration area during the appropriate months will make monitoring easier. Traps should be placed between trees and not out in the open, for example, between a healthy and an infested tree. Traps should not be placed in a completely non-infested area since this could draw ISHB to healthy trees. An example of riparian trap deployment can be found in the Early Detection Rapid Response Plan LA County SMMNRA 2019 Exhibit A: Trapping Protocols³.

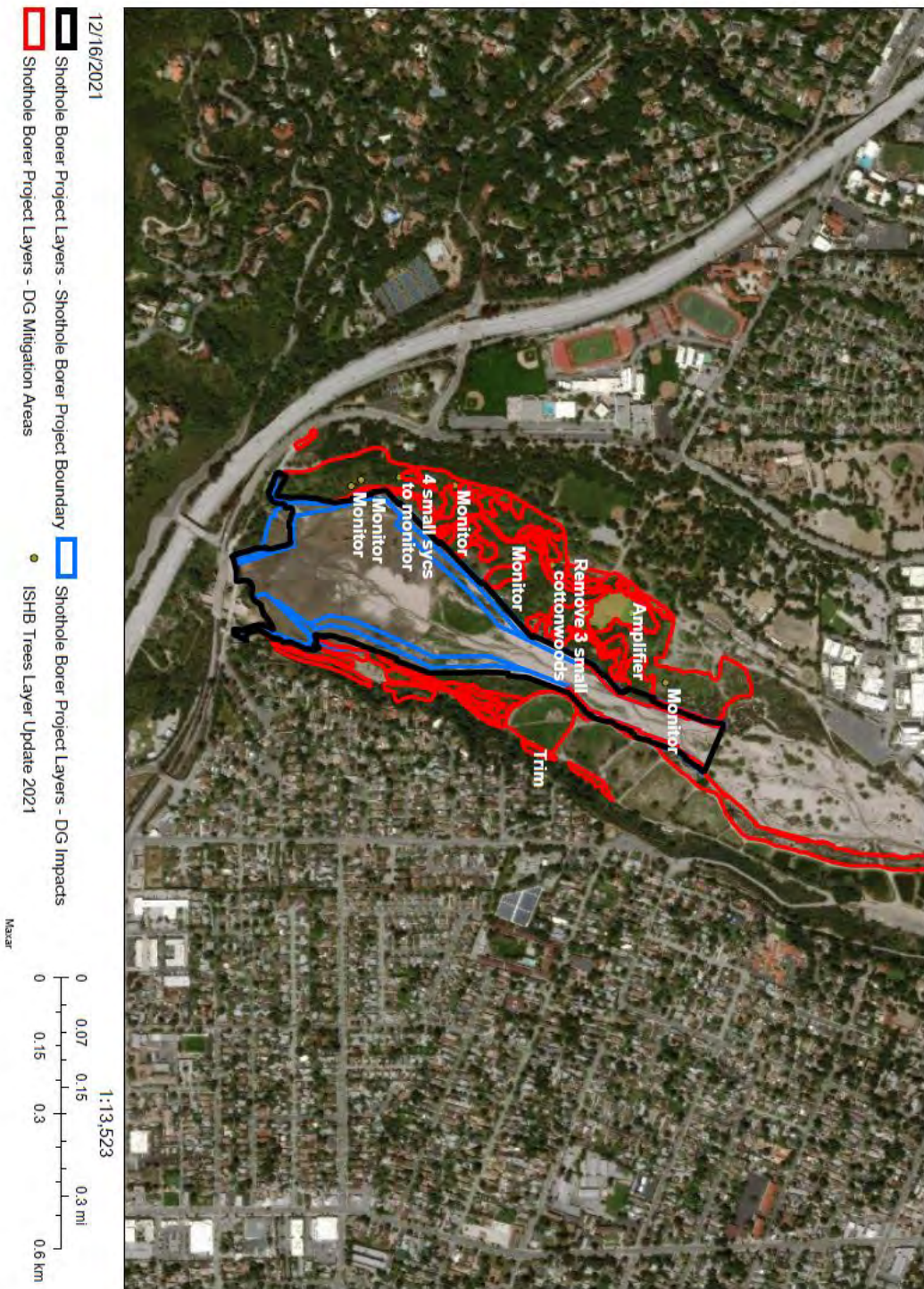
³ Found at <https://www.rcdsmm.org/wp-content/uploads/2019/12/EARLY-DETECTION-RAPID-RESPONSE-PLAN-LA-County-SMMNRA-2019.pdf>

Table 1. Tree Information with associated Pest and Damage Records

Note GPS location of each tree.

Tree Tag Number	Action to Take	Pest and Damage Record Number	Infestation Level	Latitude/Longitude	Notes
350	Remove 3 infested Fremont cottonwoods	19TP50001069 19TP50001239	Heavy	-118.1752299 34.1916586	Tree #1-10" DBH 40 ft tall >30% dieback Tree #2- 5" DBH 15 ft tall 20-30% dieback Tree #3- 11" DBH 30ft tall 20% dieback
351	Remove 1 black willow	19TP50001366	Amplifier	-118.1744484 34.19321886	6" DBH, 40 ft. tall, >30% dieback
352	Remove 1 black willow	19TP50001362	Amplifier	-118.1740602 34.19324788	9" DBH, 40 ft. tall, >30% dieback
Black Willow Forest 1-North	Remove and/or trim dead tops off approximately 552 trees	19TP50001364 19TP50001363 Taken from this area	Variable	Near -118.1740565 34.1930594	Black willows DBH roughly ranging from 4" to 10". Height ranges roughly from 20' to 35'.
Black Willow Forest 1-South	Remove and/or trim dead tops off approximately 540 trees	19TP50001238 19TP50001236 19TP50001237 Taken from this area	Variable	Near -118.1740565 34.1930594	Black willows DBH roughly ranging from 4" to 10". Height ranges roughly from 20' to 35'.
354	Trim large dead branches off cottonwood		Past heavy infestation	-118.170929 34.19125	24" DBH, 40 ft. tall, 20-30% dieback
No tag	Monitor black willow		Moderate	-118.1723905 34.19392	13" DBH, 30 ft. tall
No tag	Monitor black willow		Moderate	-118.1758144 34.19083	22" DBH, 45 ft. tall
No tag	Monitor black willow		Moderate	-118.1771497 34.18973	9" DBH, 25 ft. tall
No tag	Monitor black willow		Moderate	-118.1769705 34.18804	
No tag	Monitor 2 black willows		Moderate	-118.1772683 34.18786	
No tag	Monitor 4 small sycamores		Moderate	-118.1773353 34.18863	
No tag	Monitor large sycamore		Moderate	-118.1771122 34.18767	27" DBH, 55 ft. tall
TOTALS	Remove 5 infested trees		Trim 1 large cottonwood		
	Remove/trim 992 small DBH willows in Black Willow Forest 1		Specifically monitor 11 trees		

Devil's Gate-Overview



Map 1. Devil's Gate Restoration Project Overview Map with Project Boundaries. Note the green area marked with an Amplifier tree is the Black Willow Forest 1.

Devil's Gate-Overview



12/16/2021

Map 2. Devil's Gate Restoration Project Overview Map without Project Boundaries. Note that there is an unseen Amplifier near the marked one in the light/dark green area.



Map 3. Overview of Black Willow Forest 1. North and South sections delineated according to dead/trim tree density. Note location of two amplifier trees within area.



Photograph 1. This larger DBH black willow had a low ISHB infestation. It was found in the Black Willow Forest 1. A wood sample was taken and sent to the CDFA for analysis. The dark fusarium fungus can be seen in the tree's sapwood.



Photograph 2. View of the Black Willow Forest 1 looking north. Note numerous small, dead willows.



Photograph 3. View looking up into the canopy of the Black Willow Forest 1. Note numerous dead trees but also trees that experienced canopy dieback in the upper portions.



Photograph 4. This Fremont cottonwood experienced canopy dieback and limb loss due to a heavy ISHB infestation. Note large branches on the ground. The tree is now in recovery. Trimming off dead branches will help its recovery and help protect park users visiting this trail.

CNDDDB Submissions of Least Bell's Vireo Observations

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 04/27/2022

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: *Vireo bellii pusillus*

Common Name: Least Bell's Vireo

Species Found? Yes No _____ If not found, why?

Total No. Individuals: 1 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? _____ No Unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Nicholas (Cole) Sutter

Address: 3021 Gondar Avenue, Long Beach, 90808

E-mail Address: nicholassutter98@gmail.com

Phone: (562)-607-2244

Plant Information

Phenology:
% vegetative _____ % flowering _____ % fruiting _____

Animal Information

1 0 0 0 0
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

On the southern tip of the eastern side of the Devils Gate Reservoir watershed located in Pasadena. Located near the convergence of several dirt roads/trails in a grove of Baccharis salicifolia adjacent to a disturbed area commonly utilized for parking.

County: Los Angeles Landowner / Mgr: Los Angeles County Public Works

Quad Name: PASADENA Elevation: 375 meters

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): _____

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)

Coordinates: 34.188052, -118.173042

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Bird was detected in a dense grove of Baccharis salicifolia located on the edge of a strip consisting of restored and irrigated riparian on the eastern bank of the watershed near several human disturbed lots. The individual seemed to remain within the same grove of Baccharis (~225 sq ft area) for the extent of its detection.

Bird was observed vocalizing infrequently from approximately 0640 to 0650 and seen very briefly darting through the vegetation. Presumed male; no other individuals seen; not detected in or around the area for the rest of the day.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: Restoration/mitigation area.

Visible disturbances: Nearby area frequently driven/parked in. Various crews working in and around the area regularly.

Threats: Human Disturbance

Comments: Bird was vocalizing after several cars had driven up and parked within 15 feet of the area. Bird also vocalized very close to my observation location several times. Individual did not seem to be the most sensitive to human disturbance.

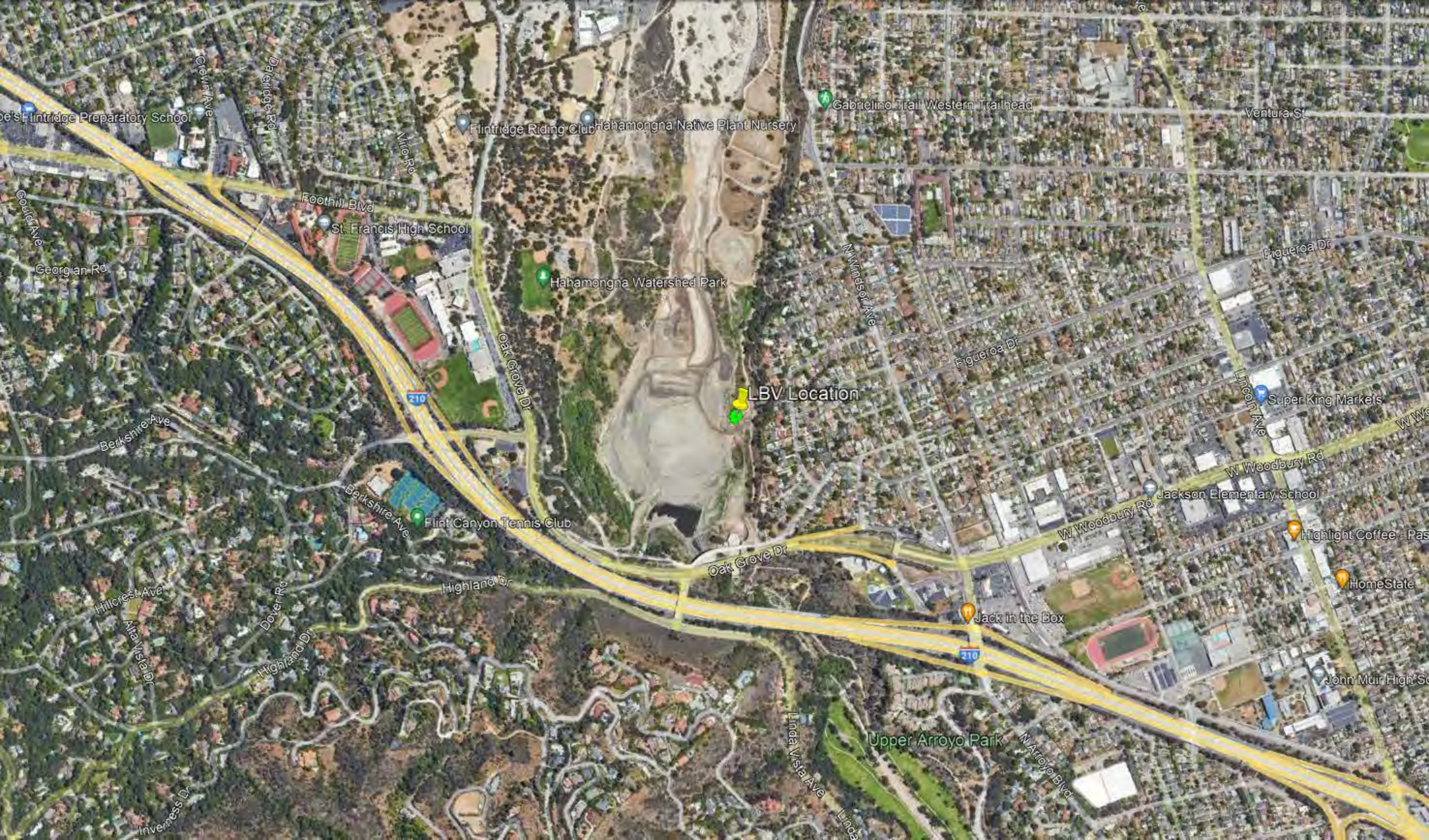
Determination: (check one or more, and fill in blanks)

- Keyed (cite reference): _____
- Compared with specimen housed at: _____
- Compared with photo / drawing in: _____
- By another person (name): Greg Hoisington, Phillip Richards
- Other: Recorded the vocalizations and compared to ones on Cornell

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes no



LBV Location

Hahamongna Native Plant Nursery

Hahamongna Watershed Park

St. Francis High School

Flint Canyon Tennis Club

Upper Arroyo Park

Gabrielino Trail Western Trailhead

Ventura St

Figueroa Dr

Figueroa Dr

Super King Markets

Jackson Elementary School

Highlight Coffee - Pas

HomeState

Jack In the Box

John Muir High School

St. Francis Preparatory School

Crown Ave

Darlington Rd

N Arroyo Rd

Foothill Blvd

Georgian Rd

Golden Ave

Berkshire Ave

Berkshire Ave

Hillcrest Ave

Alta Vista Dr

Dover Rd

Highland Dr

Highland Dr

Oak Grove Dr

N Windsor Ave

Oak Grove Dr

Lincoln Ave

W Woodbury Rd

W Woodbury Rd

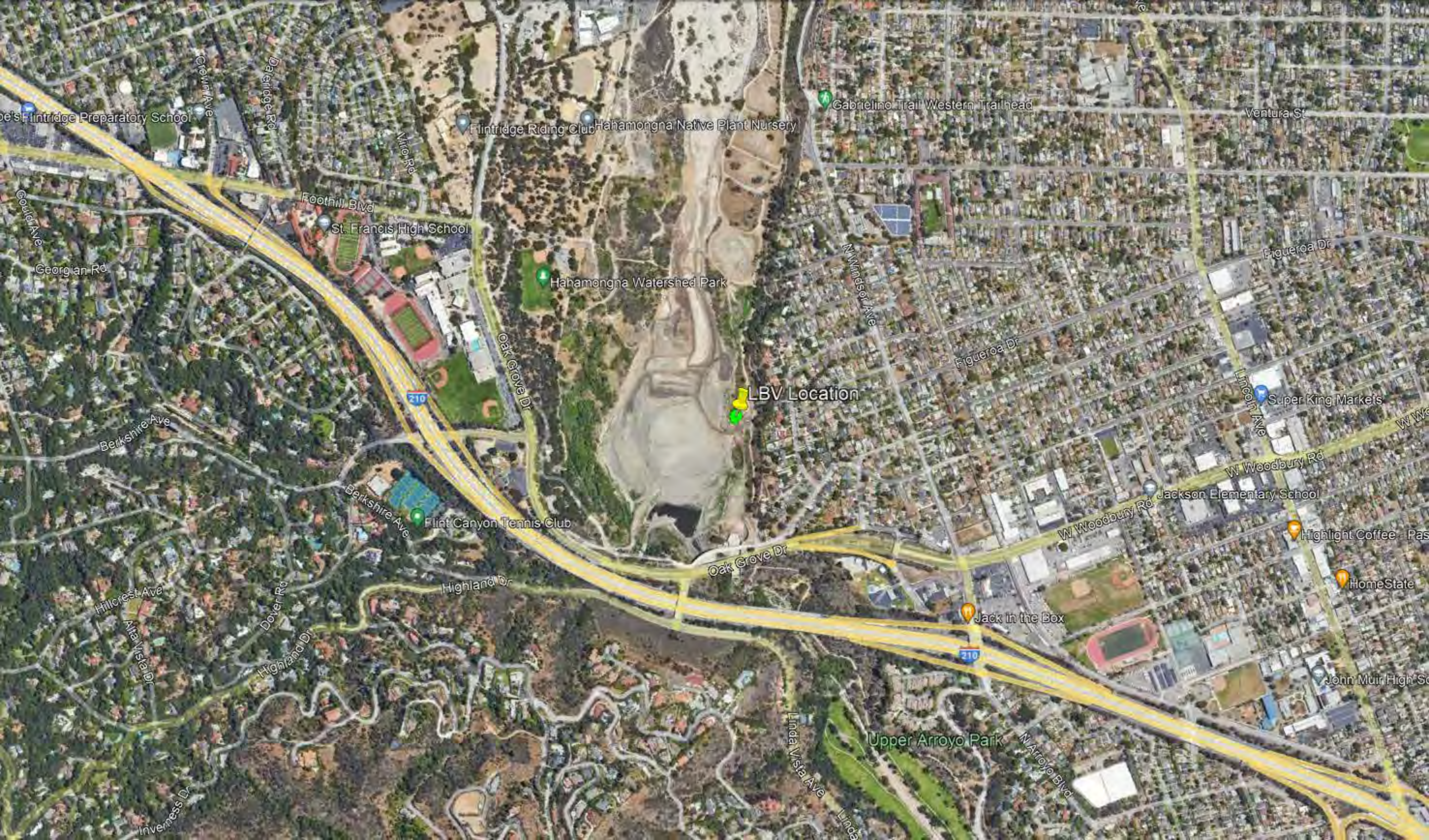
Linda Vista Ave

N Arroyo Blvd

Inverness Dr

210

210



oe's Flintridge Preparatory School

Crown Ave

Darlinge Rd

N Arroyo Rd

Flintridge Riding Club

Hahamongna Native Plant Nursery

Gabrielino Trail Western Trailhead

Ventura St

Gold Ave

Foothill Blvd

St. Francis High School

Georgian Rd

Hahamongna Watershed Park

N Windsor Ave

Figueroa Dr

Figueroa Dr

Berkshire Ave

210

Oak Grove Dr

LBV Location

Lincoln Ave

Super King Markets

Berkshire Ave

Flint Canyon Tennis Club

W Woodbury Rd

Jackson Elementary School

Hillcrest Ave

Dover Rd

Highland Dr

Oak Grove Dr

Jack In the Box

Highlight Coffee - Pas

HomeState

Alta Vista Dr

Highland Dr

Linda Vista Ave

Upper Arroyo Park

N Arroyo Blvd

Inverness Dr

John Muir High School



CNDDDB Online Field Survey Form Report



California Natural Diversity Database
Department of Fish and Wildlife
1416 9th Street, Suite 1266
Sacramento, CA 95814
Fax: 916.324.0475
cnddb@wildlife.ca.gov
www.dfg.ca.gov/biogeodata/cnddb/



Source code WAL22F0008
Quad code 3411822
Occ. no. _____
EO index no. _____
Map index no. _____

This data has been reported to the CNDDDB, but may not have been evaluated by the CNDDDB staff

Scientific name: *Vireo bellii pusillus*

Common name: least Bell's vireo

Date of field work (mm-dd-yyyy): 04-29-2022

Comment about field work date(s): Observed on 04/27/2022, 04/28/2022, and 04/29/2022

OBSERVER INFORMATION

Observer: michael a. walsh

Affiliation: Stillwater Sciences

Address: 2309 Reservoir St , Los Angeles, CA 90026

Email: mike.alex.walsh1234@gmail.com

Phone: (847) 732-1815

Other observers: David Torfeh, Taylor Dee, Carley Lancaster

DETERMINATION

Keyed in:

Compared w/ specimen at:

Compared w/ image in: Birds of the World

By another person:

Other: Aural, Visual

Identification explanation: A male was seen and heard on all 3 days, suspect it was the same individual. Another individual was heard doing a whisper song concurrently near the singing male on 04/27/2022 but was never visually detected, suspecting this was a female.

Identification confidence: Very confident

Species found: Yes If not found, why not?

Level of survey effort: Casual, all incidental sightings while monitoring nearby restoration activities. Surveyor primarily confined to small area from 0630 to 1400 near restoration crew.

Total number of individuals: 2

Collection? No

Collection number:

Museum/Herbarium:

ANIMAL INFORMATION

How was the detection made? Heard singing then seen

Number detected in each age class:

2

adults

juveniles

larvae

egg mass

unknown

Age class comment: 1 Singing male adult, 1 presumed female adult performing whisper song

Bird site use:

- Nesting Rookery Nesting colony Burrow site Lek
 Non-breeding (over-wintering) Communal roost Other

Site use description: Presumed transient; not seen/heard during daily surveys since 4/29/2022

What was the observed behavior? Male seen/ heard singing standard song 4/27-4/29, wandering around possible territories. Followed closely by male/female cowbird 4/27. Possible female heard 4/27 making whisper song concurrent to male singing, ~30ft east

Describe any evidence of reproduction: observed male attempt to pick up a single willow catkin on 4/27. was divebombed by another bird (either towhee or cowbird) while grabbing willow catkin and likely dropped it. Did not see it pick up any other nesting materials.

SITE INFORMATION

Habitat description: Newly planted willow/mulefat stands surrounded by mature stands of *Salix gooddingii* in riparian area. high *Conium/Hirschfeldia/Lepidium* cover between plants.

Slope: flat

Land owner/manager: Hahamongna Watershed Park, City of Pasadena

Aspect: N/A

Site condition + population viability: Good

Immediate & surrounding land use: 1300 Acre park containing Devil's Gate Reservoir and Arroyo Seco creek is mostly open space (riparian, oak woodland, etc.) with athletic fields and a frisbee golf course. Surrounding area mostly suburban development.

Visible disturbances: Weed abatement and planting efforts near observation areas, completed sediment removal project 300 feet south/east. Nearby roads and parking lot.

Threats: Off-trail hikers, Off-leash dogs, noise from restoration efforts (restoration crews are kept a minimum of 300 feet from any LBVI detected by biomonitor) and nearby parking lot. Brown-headed cowbirds in area, seen closely following male LBVI.

General comments: No LBVI detected since 4/29.

MAP INFORMATION



ID	County	24K Quadrangle	Elev. (ft)	Latitude NAD83	Longitude NAD83	UTM E NAD83	UTM N NAD83	UTM Zone
	Los Angeles	Pasadena	-9999	34.19078	-118.17675	391570	3783936	11
1	Public Land Survey	Feature Comment						
	S T01N R12W 7							

The mapped feature is accurate within: 20 m

Source of mapped feature: Collector for Iphone

Mapping notes: [see attachments for more detailed map](#)

Location/directions comments:

Attachment(s): [LBVI territories.png](#), [detailed map of territories by date](#)

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDDB@wildlife.ca.gov

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 09/16/2022

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: Vireo bellii pusillus

Common Name: least Bell's vireo

Species Found? Yes No _____
If not found, why?

Total No. Individuals: 1 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? _____
Yes, Occ. # No Unk.

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Walsh

Address: 1235 Fitzgerald Rd., Unit G, Simi Valley, CA, 93065

E-mail Address: Mwalsh@stillwatersci.com

Phone: (847)-732-1815

Plant Information

Phenology:
% vegetative _____ % flowering _____ % fruiting _____

Animal Information

adults _____ # juveniles _____ # larvae _____ # egg masses _____ # unknown 1
 wintering breeding nesting rookery burrow site lek other

Location Description (please attach map AND/OR fill out your choice of coordinates, below)

Individual located on the western edge of the flood control basin, at the top of the slope. Exact spot was the site of a large erosion event in late winter 2022, some scattered Gooding's willow cover with low herbaceous vegetation and bare ground.

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1045

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): Field Maps

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: _____

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: 5 meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 OR Geographic (Latitude & Longitude)

Coordinates: 34.188801 N, 118.176596 W

Habitat Description (plants & animals) plant communities, dominants, associates, substrates/soils, aspects/slope:

Animal Behavior (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Sang a few song phrases and foraged in willows. Observed by biologist monitoring a restoration crew (Dawn Garcia) for 15 minutes. Flew into a flock of heterospecific songbirds, at which point it was not seen again and presumably left the immediate area. The bird was not detected the rest of the day. Likely a fall migrant heading south due to frequent negative surveys of the area. Possibly a recently fledged male; plumage was fresh; unsure of exact age class. Observed at roughly 0745.

Please fill out separate form for other rare taxa seen at this site.

Site Information Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: Open space, frisbee golf course, hiking trails, suburban development, flood control basin.

Visible disturbances: Active sediment removal efforts southeast in basin

Threats: Off trail hikers, off leash dogs, noise/dust from soil removal and restoration efforts

Comments: Restoration efforts were over 300 feet from observation and out of line-of-sight.

Determination: (check one or more, and fill in blanks)

- Keyed (cite reference): _____
- Compared with specimen housed at: _____
- Compared with photo / drawing in: _____
- By another person (name): _____
- Other: Aural and Visual observation by a seasoned ornithologist (Dawn Garcia)

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes no