2024 Annual Status Report for the Devil's Gate Reservoir Restoration Project

Los Angeles County, California

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CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
2.0 PROJECT STATUS 1
2.1 Project Area 1
2.2 Project Activities 10
2.3 Habitat Restoration Activities 10
3.0 LEAST BELL'S VIREO SURVEYS 11
3.1 Preconstruction Surveys 11
3.2 Breeding Season Surveys 11
4.0 ADHERENCE TO ITP CONDITIONS 12
5.0 MITIGATION MONITORING AND REPORTING PROGRAM 12
5.1 MMRP Implementation Status 12
5.2 MMRP Effectiveness Evaluation 20
5.3 Project-Related Incidental Take of the Covered Species 22
5.4 Project Impacts on the Covered Species 22

LIST OF TABLES

Table 1. Summary of Initial Sediment Removal Area Activities 2
Table 2. Components of the Permitted and Reduced Projects (Acres) 2
Table 3. Summary of Phase 1 Mitigation Areas (Acres) 5
Table 4. Summary of Phase 2 Mitigation Areas 6
Table 5. Summary of Phase 3 Mitigation Areas 7
Table 6. Devil's Gate Mitigation Monitoring and Reporting Program 13

LIST OF FIGURES

Figure 1. Reduced Project Boundary 3
Figure 2. Inundation Area Review 8
Figure 3. Devil's Gate Mitigation Areas 9

LIST OF APPENDICES

Appendix A – Quarterly Compliance Reports (Quarter 1 2024 through Quarter 4 2024)

Appendix B – Devils Gate Phase 3 As-Built Report

Appendix C – CNDDB Submissions of Least Bell's Vireo Observations

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
ASR	Annual Status Report
CDFW	California Department of Fish and Wildlife
CNDDB	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 sixth year of Project Activities (January 2024 through December 2024). 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 sixth ASR submitted in accordance with ITP Condition number 6.8. This report covers activities that were conducted within the Project Boundary between January 1, 2024, and December 31, 2024. All Quarterly Compliance Reports prepared to cover the sixth 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 sixth 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	**53.54**

The boundary of the RAMA (Project Boundary), 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. The reduced Project boundary is reflected on Figure 1.

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**

*Note that the total impacts equal 65.57 acres when added together. However, the CDFW used a total of 65.56 acres in the Amended Agreement so 65.56 acres will continue to be used for consistency.

Figure 1.
Reduced Project Boundary

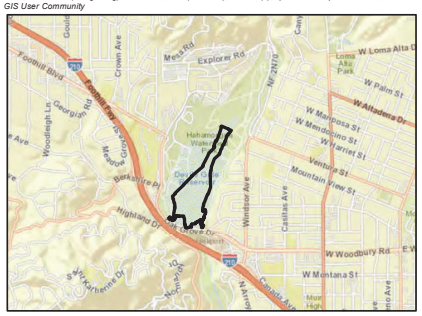
Map Features

- Reduced Project Boundary

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 - 2.40 ac.

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



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Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\aerial_maps\DG_Aerial_Impacts_20240418.mxd (NAG) mguidry 4/18/2024

2018-047 Devil's Gate Sediment Removal Project

Scale in Feet
0 300

Photo Source: ECORP 2022, NAIP 2020

Map Date: 4/18/2024

Figure 1 also depicts the two alternative access roads that were used on the east side of the reservoir beginning during the 2023 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 additional 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. During the 2024 routine annual sediment removal, modifications to the trajectory of the original east access road were made to facilitate haul truck access. These modifications were primarily contained within the existing side slopes area intersecting with the original east access road. To facilitate additional 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.

Depicted on Figure 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. Los Angeles County Public Works (LACPW) 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 sixth ASR reporting period also included onsite habitat restoration activities within the onsite mitigation areas. Tables 3, 4, and 5 provide a summary of the mitigation areas included in Phase 1, Phase 2, and Phase 3 of the habitat restoration, associated acreages, and associated vegetation communities of onsite restoration activities that were ongoing in the 2024 sixth ASR reporting period. The Phase 2 Mitigation Site As-Built Report was included as an appendix to the third ASR. The approved mitigation areas are depicted on Figure 3.

Restoration in the Phase 1, Phase 2, and Phase 3 mitigation areas was ongoing during the sixth ASR reporting period. The restoration work in the Phase 1, Phase 2, and Phase 3 mitigation areas consisted of ongoing weed abatement, basin maintenance, and minor erosion repairs. Container planting for Phase 3 was implemented in August 2022 and was completed in April 2023. Seeding activities for Phase 3 began implementation in March 2022 but due to timing and access constraints, only a handful of Phase 3 mitigation areas were seeded. Follow-up seeding for the remaining portions of Phase 3 commenced in November 2023. Replacement container plants were installed in the fall and winter of 2023 and 2024.

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:

- A total of 4,124 four-inch container plants and a total of 4,967 cuttings were installed in the DG-4 WOUS, DG-4 WOUS Connections, and DG-4A mitigation areas. In addition, a total of 81 1-gallon container plants were installed in the Tire Wash mitigation area. Installation was complete on April 28, 2023.
- Irrigation systems were continuously maintained.
- Hand seeding and hydroseeding with the approved native seed mix from the Habitat Restoration Plan (HRP) occurred.

Additional activities associated with the restoration in the Phase 3 areas included non-native plant removal prior to the grading, 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 was completed after the completion of the restoration implementation efforts on January 5, 2024, and is included in Appendix B.

Table 3. Summary of Phase 1 Mitigation Areas (Acres)

Restoration Area	Vegetation Communities	Area Restored During Phase 1	Temporary Impacts Around Perimeter[1]	Total
DG-1 (seeding only)	*Eriogonum fasciculatum* Shrubland Alliance */Lepidospartum squamatum* Shrubland Alliance	4.79	0.09	4.89[2]
DG-1 WOUS (seeding only)	*Lepidospartum squamatum* Shrubland Alliance*/Baccharis salicifolia* Shrubland Alliance	0.12	0.00	0.12
DG-2A	*Baccharis salicifolia* Shrubland Alliance	0.10	0.00	0.10
DG-2B	*Baccharis salicifolia* Shrubland Alliance	0.38	0.00	0.38
DG-3A	*Quercus agrifolia* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	0.87	0.02	0.88[2]
DG-4	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance *Artemisia californica-Eriogonum fasciculatum* Shrubland Alliance	27.97	0.37	28.34
DG-4B	*Baccharis salicifolia* Shrubland Alliance	0.54	0.00	0.54
DG-4C	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	0.48	0.00	0.48
DG-5	*Salix gooddingii* Woodland Alliance	0.26	0.00	0.26
			Total	**35.98[2,3]**

Notes: WOUS = Waters of the U.S.

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

[2] Totals may vary slightly due to rounding.

[3] Total 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 Phase 3 and a future phase.

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)	*Salix gooddingii* Woodland Alliance	Creation	3.01	3.44
DG-W-2 (Mining Pit)	*Salix gooddingii* Woodland Alliance	Restoration	1.98	2.12
DG-W-2 (Mining Pit Outlet)	*Salix gooddingii* Woodland Alliance	Creation	0.13	0.13
DG-2	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	Restoration - Enhancement	3.75	3.83
DG-2 New Channels	*Salix gooddingii* Woodland Alliance	Creation	0.83	0.83
DG-2 WOUS	*Salix gooddingii* Woodland Alliance	Restoration	0.75	0.75
DG-4A[1]	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	Creation	5.43	5.46
DG-4-Sheet Flow	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	Restoration - Enhancement	0.40	0.40
DG-SF-1	*Salix gooddingii* Woodland Alliance	Restoration	0.08	0.08
DG-SF-2[1]	*Salix gooddingii* Woodland Alliance	Restoration	0.03	0.03
DG-4-WOUS[2]	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Shrubland Alliance	Restoration	1.84	1.88
DG-4-Drainage[1]	*Salix gooddingii* Woodland Alliance	Restoration	0.49	0.49
		Total	**18.72**	**19.44**

[1] Weed abatement only

[2] Weed abatement and grading / contouring only

Table 5. Summary of Phase 3 Mitigation Areas				
Site	**Target Vegetation Type**	**Mitigation Method**	**Acreage Included in Phase 3**	**Total Acreage**
DG-4 WOUS	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Woodland Alliance	Restoration	1.74	1.74
DG-4 WOUS Connections	*Salix gooddingii* Woodland Alliance	Creation	0.17	0.17
DG-4A	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Woodland Alliance	Creation	5.33	5.33
Tire Wash	*Artemisia californica* Shrubland Alliance/*Eriogonum fasciculatum* Shrubland Alliance	Restoration	0.16	0.16
Flint Wash	*Baccharis salicifolia Shrubland Alliance*	Enhancement	1.32	1.32
Side Slopes	*Lepidospartum squamatum Shrubland Alliance/Baccharis salicifolia Shrubland Alliance*	Enhancement	6.27	7.84[1]
		Total	**14.99**	**16.56[2]**

[1] Portions of the Side Slopes not included in Phase 3 of restoration will be included during future phases.

[2] Totals may vary slightly from the Phase 3 As-Built due to rounding.

Figure 2.
Inundation Area Review

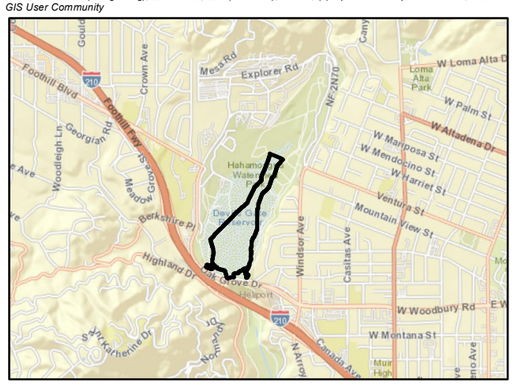
Map Features

- Reduced Project 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 - 2.40 ac.
- Inundation Area at 1,032'

Mitigation Areas

- DG-1
- DG-1 WOUS
- DG-2
- DG-2 New Channels
- DG-2 WOUS
- DG-2A
- DG-2B
- DG-3A
- DG-3B
- 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 1
- DG-East Trail 2
- DG-East Trail 3
- DG-East Trail 4
- DG-SF-1
- DG-SF-2
- DG-W-1 (Johnson Field)
- DG-W-2 (Mining Pit)
- DG-W-2 (Mining Pit Outlet)
- Tire Wash

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



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2018-047 Devil's Gate Sediment Removal Project

Scale in Feet
0 350

Photo Source: ECORP 20244, NAIP 2020

Map Date: 1/30/2025

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\meeting_maps_and_analysis\2021-04-21 Inundation Area\InundationAreaReview_20240524.mxd (MAG)-trotellini 1/30/2025

Figure 3.
Devil's Gate Mitigation Areas

DG-W-2 Mining Pit
DG-4C
DG-7
DG-4 WOUS Connections
DG-4B
DG-W-2 (Mining Pit Outlet)
DG-4
DG-1 WOUS
DG-4 Drainage
DG-4A
DG-4 Sheetflow
DG-SF-1
DG-8 Access Road
DG-5
DG-4 Drainage
DG-1
DG-1 WOUS
DG-4 Sheetflow
DG-4A
DG-4 WOUS
DG-8
DG-4A
DG-4A
DG-4 WOUS
DG-4 Drainage
DG-East Trail 4
DG-SF-2
DG-4A
DG-2
DG-East Trail 3
Tire Wash
DG-W-1 (Johnson Field)
DG-2 New Channels
DG-2 WOUS
DG-2A
DG-3AB Area Access Road
DG-East Trail 2
DG-2B
DG-3B
DG-3A
DG-East Trail 1

Map Features

- Reduced Project Boundary
- East Access Roads (Permanent Impact)

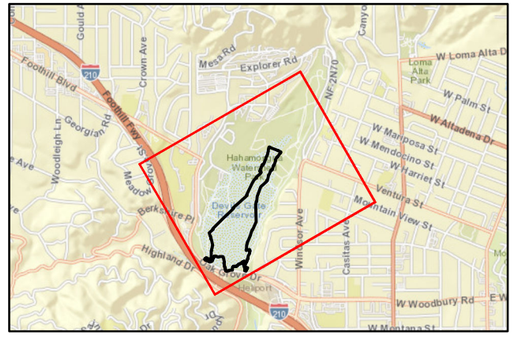
Restoration Phasing

- Phase 1
- Phase 2
- Phase 3
- Future Restoration Area

Mitigation Areas

- DG-1
- DG-1 WOUS
- DG-2
- DG-2 New Channels
- DG-2 WOUS
- DG-2A
- DG-2B
- DG-3A
- DG-3B
- 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 1
- DG-East Trail 2
- DG-East Trail 3
- DG-East Trail 4
- DG-SF-1
- DG-SF-2
- DG-W-1 (Johnson Field)
- DG-W-2 (Mining Pit)
- DG-W-2 (Mining Pit Outlet)
- Side Slopes (Episodic Maintenance Areas)
- Flint Wash Temporary Impact Area
- Tire Wash

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



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Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\restoration\analysis\2020-09-15 Restoration_Grading\DG_MitigationAreas_Restoration_Phasing_20240524.mxd (MAG)-mguidry 6/4/2024

2014-003.008 Devils Gate Mitigation Plan

Scale in Feet
0 500

Photo Source: ECORP UAS (2024), NAIP (2020)

Map Date: 6/4/2024

2.2 Project Activities

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

- Project construction activities in the form of routine annual maintenance activities began on July 1, 2024 with the installation of trailers. Sediment hauling activities began July 19, 2024 and continued through September 13, 2024. No Project construction, annual maintenance, or sediment removal activities occurred prior to July 1, 2024.
- 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 2, 2024 and continued through December 31, 2024.
- Non-native plants including tree of heaven (*Alianthus altissima*), black mustard (*Brassica nigra*), ripgut brome (*Bromus diandrus*), brome grass (*Bromus* sp.), cheatgrass (*Bromus tectorum*), hairy bittercress (*Cardamine hirsute*), Italian thistle (*Carduus pycnocephalus*), tocalote (*Centaurea melitensis*), lamb's quarters (*Chenopodium album*), poison hemlock (*Conium maculatum*), barnyard grass (*Echinochloa crus-galli*), common stork's bill (*Erodium cicutarium*), petty spurge (*Euphorbia peplus*), common fig (Ficus carica), short podded mustard (*Hirschfeldia incana*), prickly lettuce (*Lactuca serriola*), perennial pepperweed (*Lepidium latifolium*), scarlet pimpernel (*Lysimachia arvensis*), white horehound (*Marrubium vulgare*), tree tobacco (*Nicotiana glauca*), Jerusalem thorn (*Parkinsonia aculeata*), bluecrown passionflower (*Passiflora caerulea*), castor bean (*Ricinus communis*), curly dock (*Rumex crispus*), shattercane (*Sorghum* sp.), Spanish broom (*Spartium junceum*), puncture vine (*Tribulus terrestris*), dwarf nettle (*Urtica urens*), and common mullein (*Verbascum thapsus*) were removed from DG-1, DG-W-1 (Johnson Field), DG-2, DG-2A, DG-2B, DG-2-WOUS, DG-2 new channels, DG-W-2, DG-W-2 mining pit (and outlet), DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 WOUS drainage, DG-4 sheetflow, DG-5, and DG-8 onsite restoration areas and the side slopes within the site. Non-native plants were removed either by hand pulling, using small hand tools, shovels, tarps, weed whips, hula hoes, and rakes. Non-native tree species such as common fig, Jerusalem thorn, and tree of heaven were removed using chainsaws or hand saws. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Cages from established container plants were removed.
- The side slopes (episodic maintenance area) and flint wash were hydroseeded.

- Hand seeding occurred in DG-4 WOUS, DG-4 WOUS Connections, and DG-4A.
- Select native plants including dodder (*Cuscuta 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 and maintain trails.
- Container plants including California sagebrush (*Artemisia californica*), mugwort (*Artemisia douglasiana*), coyote bush (*Baccharis pilularis*), deerweed (*Acmispon glaber*), California brittlebrush (*Encelia californica*), California buckwheat (*Eriogonum fasciculatum*), Menzie's goldenbush (*Isocoma menziesii*), cottonwood (*Populus fremontii*), California rose (*Rosa californica*), California blackberry (*Rubus ursinus*), black sage (*Salvia mellifera*), and Mexican elderberry (*Sambucus mexicana*) were planted and caged in DG-4 WOUS, DG-4 WOUS Connections, and DG-4A.
- Existing irrigation systems were maintained and monitored. Irrigation system servicing Phase 2 plantings were turned off, and the irrigation boxes were marked to indicate if they were no longer in service.

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. A total of seven preconstruction least Bell's vireo surveys were conducted between June 4, 2024 and July 9, 2024. 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 Boundary during preconstruction surveys conducted during the 2024 breeding season. The preconstruction least Bell's vireo survey report was included as an appendix to the Third Quarter Compliance Report for 2024, included in Appendix A.

3.2 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, weekly breeding season surveys for least Bell's vireo were conducted beginning the first week of March 2024 through the start of preconstruction least Bell's vireo surveys (initiated June 4, 2024 to accommodate an anticipated Project start date of July 9, 2024). After the completion of the preconstruction surveys, twice-weekly focused surveys (in compliance with Conservation Measure 11b of the USFWS Informal Section 7 Consultation) began and continued through the end of the breeding season as recognized by USFWS (August 31, 2024), After which, weekly surveys continued until the end of the breeding season as recognized by CDFW (September 15, 2024). Surveys

were conducted by Designated Biologists approved by CDFW and USFWS. A total of 37 focused breeding season least Bell's vireo surveys were conducted during the 2024 breeding season.

One auditory observation of least Bell's vireo was documented within the Project Boundary during the focused breeding season surveys during the 2024 breeding season. The individual was heard on July 19, 2024 in the riparian habitat along the DG-W-2 mining pit outlet onsite restoration area during the beginning of the survey. This was an isolated observation, and it was determined during subsequent surveys that the individual did not remain onsite to breed. The least Bell's vireo breeding season survey reports were included as appendices to the First, Second, and Third Quarter Compliance Reports for 2024, included in Appendix A.

In the second quarter of 2024, a least Bell's vireo individual was observed on May 6, 2024 by Designated Biologists monitoring onsite habitat restoration work. The least Bell's vireo was aurally observed briefly, and was not resighted again that day or during subsequent surveys or monitoring efforts. In the third quarter of 2024, a least Bell's vireo was aurally observed on July 31, 2024 by Designated Biologists monitoring onsite habitat restoration work. The individual was heard periodically for approximately 40 minutes but was not detected again for the rest of the day. No observations of breeding or nesting least Bell's vireo were made during the 2024 annual reporting period. All observations of least Bell's vireo individuals were submitted to the California Natural Diversity Database (CNDDB). In compliance with Condition 6.9 of the ITP, a copy of the CNDDB submissions for the least Bell's vireo observations in 2024 is included as Appendix C.

4.0 ADHERENCE TO ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during the sixth ASR reporting period. No non-compliances occurred during the sixth 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 6 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 6. 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 sixth 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 sixth 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 sixth ASR reporting period and will be repeated as required for the duration of the Project.
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 – 3/29/21, 07/19/22 – 9/08/22, 7/20/23 – 8/13/23, 6/17/24 – 7/2/24	Preconstruction surveys for sensitive species and least Bell's vireo were conducted prior to the initiation of project activities in the sixth ASR reporting period. Preconstruction breeding season surveys for least Bell's vireo were conducted 30 days prior to the initiation of

Table 6. 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
							ground disturbing activities within the 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 2024 included in Appendix A. This measure was completed during the first ASR reporting period and continued through the sixth ASR reporting period.
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 03/1/21 – 4/16/21 7/28/22 – 8/30/22, 7/19/23 – 8/11/23, 6/10/24 – 7/9/24	No bird exclusionary measures were implemented during the sixth ASR reporting period. Preconstruction surveys for nesting birds were completed ahead of annual maintenance activities during the third quarter of 2024. Active bird nests within 500 feet of the Project Boundary 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

Table 6. 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
							through the sixth ASR 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 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: • 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: ○ 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. The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.	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. The Preconstruction bat survey report was transmitted directly to CDFW. This measure was completed during the first ASR reporting periods and will be repeated as required for the duration of the Project. No surveys related to this measure were required during the sixth ASR reporting period.
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: • 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.	Reservoir Management • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation	Reservoir Management • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance	Los Angeles County Flood Control District	Less than significant		11/19/2018 – ongoing	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

Table 6. 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
• 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: o Site-specific container plant (if applicable) 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 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: 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,	• Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports	• Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off					mapped, plant materials and irrigation were installed, and an As-Built Report was prepared for 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.

Table 6. 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
○ 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.							
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 Area 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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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. 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, third, fourth, and fifth ASR reporting periods and is ongoing Restoration activities were continued during the sixth ASR reporting period.

Table 6. 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
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: • 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: ○ 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	Reservoir Management • 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 • 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, fourth, fifth, and sixth 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, third, fourth, and fifth ASR reporting periods and is ongoing in the sixth ASR reporting period.

Table 6. 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
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. o 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: 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. o 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. o 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.							

Notes: 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 sixth 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 sixth 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 during the sixth 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 sixth ASR reporting period were aware of the sensitive biological resources within the Project Boundary, 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 sixth 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 sixth ASR reporting period. This measure was effective as written during the sixth 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 sixth 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 sixth 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 sixth ASR reporting period.

MM BIO-5: Preconstruction Bat Survey. Preconstruction bat surveys were not conducted during the sixth ASR reporting period because no roosting bat habitat was to be affected during the

sixth ASR reporting period. This measure was not necessary or implemented during the sixth 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 have remained ongoing through the sixth ASR reporting period. The HRP was implemented during the sixth 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 sixth 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. 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 sixth ASR reporting period.

MM BIO-7: City-Protected Tree Surveys. Preconstruction City-protected tree surveys were conducted prior to the initiation of Project activities within the Project Boundary. 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 sixth 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 have remained ongoing through the sixth ASR reporting period. The HRP continued to be implemented in the sixth 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. 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 sixth 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 sixth ASR reporting period.

5.4 Project Impacts on the Covered Species

No direct or indirect impacts on least Bell's vireo occurred during the sixth 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.

LIST OF APPENDICES

Appendix A – Quarterly Compliance Reports (Quarter 1 2024 through Quarter 4 2024)

Appendix B – Devils Gate Phase 3 As-Built Report

Appendix C – CNDDB Submissions of Least Bell's Vireo Observations

APPENDIX A

Quarterly Compliance Reports (Quarter 1 2024 through Quarter 4 2024)

First Quarter Compliance Report for Activities Occurring Between January 2024 and March 2024 for the Devil's Gate Reservoir Restoration Project

Submitted To:

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May 2024

CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
2.0 COVERED ACTIVITIES 1
2.1 Breeding Season Surveys 1
2.2 Biological Monitoring 2
2.3 Project Construction Activities 4
2.4 Habitat Restoration Activities 4
3.0 SATISFACTION OF ITP CONDITIONS 4
4.0 MITIGATION MONITORING AND REPORTING PROGRAM 5

LIST OF TABLES

Table 1. First Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel 2
Table 2. Monitors Onsite During Work Days. 2
Table 3. Devil's Gate Mitigation Monitoring and Reporting Program 6

LIST OF APPENDICES

Appendix A – Least Bell's Vireo Breeding Season Survey Report March 2024
Appendix B – Habitat Restoration Monitoring Logs

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
MM	Mitigation Measure
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 first quarter of 2024 (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 22nd report (Quarterly Compliance Report Number 22) 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, 2024.

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 2024. 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 2024. A total of five focused breeding season least Bell's vireo surveys were conducted between March 1 and March 31, 2024 by Designated Biologists approved by CDFW and USFWS. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. First Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
03/01/24	Shelby Dunn
03/07/24	Taylor Dee
03/11/24	Shelby Dunn
03/20/24	Carla Marriner
03/28/24	Shelby Dunn

No least Bell's vireos were observed or detected during the focused breeding season surveys during the first quarter of 2024. The least Bell's vireo breeding season survey report for March 2024 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 said nests. 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
01/01/24	No Work – New Year's Day
01/02/24	Dawn Garcia, Amanda Martinez
01/03/24	Maddy Uetrecht, Kristen Klinefelter
01/04/24	David Torfeh, Kristen Klinefelter
01/05/24	Michael Walsh, Vincent Baker
01/08/24	Jessica Medrano, Kristen Klinefelter
01/09/24	Dawn Garcia, Kristin Klinefelter
01/10/24	Maddy Uetrecht, Cole Sutter
01/11/24	Maddy Uetrecht, Amanda Martinez
01/12/24	Michael Walsh, Vincent Baker
01/15/24	Jessica Medrano, Kristen Klinefelter
01/16/24	David Torfeh, Amanda Martinez
01/17/24	Maddy Uetrecht, Kristen Klinefelter
01/18/24	David Torfeh, Vincent Baker
01/19/24	Michael Walsh, Nicole Argueta

01/22/24	No Work – Stillwater, Cole Sutter
01/23/24	David Torfeh, Kristen Klinefelter
01/24/24	Maddy Uetrecht, Kristen Klinefelter
01/25/24	David Torfeh, Nicole Argueta
01/26/24	Michael Walsh, Amanda Martinez
01/29/24	David Torfeh, Vincent Baker
01/30/24	Dawn Garcia, Kristen Klinefelter
01/31/24	Maddy Uetrecht, Amanda Martinez
02/01/24	No Work Due to Rain
02/02/24	Michael Walsh, Nicole Argueta
02/05/24	No Work Due to Rain
02/06/24	No Work Due to Rain
02/07/24	Maddy Uetrecht, ICF: No Work Due to Rain
02/08/24	David Torfeh, ICF: No Work Due to Rain
02/09/24	Michael Walsh, ICF: No Work Due to Rain
02/12/24	Jessica Medrano, Cole Sutter
02/13/24	Dawn Garcia, Kristen Klinefelter
02/14/24	David Torfeh, Kristen Klinefelter
02/15/24	Maddy Uetrecht, Amanda Martinez
02/16/24	Michael Walsh, Amanda Martinez
02/19/24	No Work – President's Day
02/20/24	No Work Due to Rain
02/21/24	Michael Walsh, Cole Sutter
02/22/24	David Torfeh, Kristen Klinefelter
02/23/24	Maddy Uetrecht, Cole Sutter
02/26/24	Jessica Medrano, ICF: on hold
02/27/24	David Torfeh, ICF: on hold
02/28/24	David Torfeh, ICF: on hold
02/29/24	Maddy Uetrecht, ICF: on hold
03/01/24	Michael Walsh, ICF: on hold
03/04/24	Jessica Medrano, ICF: on hold
03/05/24	Dawn Garcia, ICF: on hold
03/06/24	Maddy Uetrecht, ICF: on hold
03/07/24	David Torfeh, ICF: on hold
03/08/24	Michael Walsh, ICF: on hold
03/11/24	Jessica Medrano, ICF: on hold
03/12/24	Dawn Garcia, ICF: on hold
03/13/24	Maddy Uetrecht, ICF: on hold
03/14/24	David Torfeh, ICF: on hold
03/15/24	Michael Walsh, ICF: on hold
03/18/24	Daniel Jaques, ICF: on hold
03/19/24	Madison Panzino, ICF: on hold
03/20/24	Sam Harrison, ICF: on hold
03/21/24	Eliza McLean, ICF: on hold
03/22/24	Amber Francis, ICF: on hold
03/25/24	Carly Tailor, Cole Sutter
03/26/24	Madison Panzino, Kristen Klinefelter
03/27/24	Carly Tailor, Kristen Klinefelter
03/28/24	Madison Panzino, Cole Sutter
03/29/24	Eliza McLean, Vincent Baker
No construction monitoring occurred because no construction activities occurred during the first quarter 2024 reporting period.	

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

2.3 Project Construction Activities

No construction related Project activities were conducted onsite during the first quarter 2024 reporting period.

2.4 Habitat Restoration Activities

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

- Restoration activities continued from January 2, 2024 through March 31, 2024.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), shortpod mustard (*Hirschfeldia incana*), curly dock (*Rumex crispus*), poison hemlock (*Conium maculatum*), castor bean (*Ricinus communis*), tree of heaven (*Ailanthus altissima*), tree tobacco (*Nicotiana glauca*), hairy bittercress (*Cardamine hirsute*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), and thistle (*Carduus pycnocephalus*), and native plants that were choking out container plants primarily nightshade (*Solanum douglasii*) and dodder (*Cuscuta* sp.) were removed from DG-1, DG-2, DG-2B, DG-2 WOUS, DG-2 new channels, DG-W-2 Mining Pit, DG-2 sheetflow, DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 WOUS islands, DG-4 drainage, DG-4 sheetflow, DG-8 onsite restoration areas and perimeter trails by hand pulling and using small hand tools, shovels, weed whips, hula hoes, one-line trimmers and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Nursery plants including elderberry (*Sambucus nigra* ssp. *caerulea*), Pacific blackberry (*Rubus ursinus*), California rose (*Rosa californica*), coyote brush (*Baccharis pilularis*), California mugwort (*Artemisia douglasiana*) and cottonwood (*Populus freemontii*) were planted and caged in DG-W-2 Mining Pit, DG-4A.
- Existing irrigation systems were maintained, and irrigation systems were installed in DG-4A.

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, 2024 to June 30, 2024.

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	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities occurred during the 2024 first quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2024 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 2024 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- 3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22, 7/20/23 – 8/13/23, 7/26/23, 7/31/23, 8/1/23	No construction ground-disturbing activities occurred during the first quarter of 2024. As such, no preconstruction surveys for sensitive wildlife species took place during the first quarter of 2024. Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024. Least Bell's vireo were not documented during the first quarter 2024

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Mitigation Measure	**Implementation Phase***	**Monitoring Phase***	**Enforcement Agency**	**Level of Significance After Mitigation**	**Verification of Compliance**		
					Initial	**Date**	**Remarks**
							reporting period. The implementation of this measure will be completed during the second quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 2 2024).
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 03/1/21 – 4/16/21 08/30/22, 09/08/22, 7/19/23, 7/28/23, 8/3/23, 8/11/23	Preconstruction nesting bird surveys will begin in June prior to Annual Sediment Removal Project activities scheduled to begin in July 2024. During restoration monitoring and LBVI breeding surveys active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored restoration activities daily during the nesting season during the first quarter 2024 reporting period. The implementation of this measure will be completed during the second quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 2 2024).
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	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 surveys related to

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
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: • 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: o Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. o 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. o 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. The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.							this measure were required during the 2024 first quarter reporting period.
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: • 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	Reservoir Management • 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 • 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 2024 first 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
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: o Site-specific container plant (if applicable) 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 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: 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.							

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
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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 2024 first quarter reporting period.
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: • 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	Reservoir Management • 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 • 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 2024 first 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
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: 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 circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: 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 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.							

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
• 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.
Note: MM = Mitigation Measure

LIST OF APPENDICES

Appendix A – Least Bell's Vireo Breeding Season Survey Report March 2024

Appendix B – Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Breeding Season Survey Report March 2024

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

May 7, 2024
(2023-005.07/006)

Mr. Keith Hala
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: KHALA@dpw.lacounty.gov

Subject: March 2024 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. Hala,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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, 2024 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 2024. 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
3/1/24	SD	0625	1035	51	61	85	100	0-1	1-3
3/7/24	TD	0730	1100	51	61	5	15	0-2	0-2
3/11/24	SD	0720	1100	46	55	20	45	0-1	0-1
3/20/24	CM	0645	1110	53	64	20	40	1-3	0-2
3/28/24	SD	0650	1100	48	66	0	10	0-1	0-1

CM = Carla Marriner, SD = Shelby Dunn, TD = Taylor Dee

No least Bell's vireos were detected during the March 2024 breeding season surveys. Brown-headed cowbirds were not observed during the March 2024 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell's vireo conducted in March 2024 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: May 5, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

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: Shelby Dunn
Submitted Time: 03/01/2024 11:49 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	51°F	0-1 MPH	85 %
End of Day	10:35	61 °F	1-3 MPH	100 %

Date Observed
March 1, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes
Observed an active CASJ nest and COHA nest marked in field maps

Incidental Species Observed
LEGO SPTO NUWO MODO CAKI CALT PUFI AMCR ACWO EUCD NOFL ANHU BEWR SOSP CAQU RCPA WREN AMRO YRWA CASJ COHA RTHA RCKI GREG HOFI HOWR WTSW AMCO MALL AMWI CITE NRWS CATH BLPH BUSH California ground squirrel Coyote

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 03/07/2024 12:03 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	51°F	0-2 MPH	5 %
End of Day	11:00	61 °F	0-2 MPH	15 %

Date Observed
March 7, 2024

Observer Name
Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes
Reservoir is very full with water flooding many of the restoration areas along the reservoir. Most willows lack foliage; however some are starting to bud.

Incidental Species Observed
ECDO, CALT, CASJ, SOSP, WREN, BUSH, HOWR, CAQU, BEWR, ACWO, ANHU, AMCR, NUWO, NOFL, RCKI, BGGN, YRWA, SPTO, desert cottontail, LEGO, HOFI, BLPH, CORA, NRWS, AMGO, KILL, COHA, ALHU, WTSW, EUST, CAKI, WEBL, California ground squirrel, MODO, NOMO, WCSP, western fence lizard, MALL, OATI, RSHA, DEJU, AMWI, HUVI, coyote, VGSW, MUDU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 03/11/2024 11:49 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:20	46°F	0-1 MPH	20 %
End of Day	11:00	55 °F	0-1 MPH	45 %

Date Observed
March 11, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed
AMRO MODO SPTO NUWO EUCD RCPA CAKI ACWO CALT SOSP CASJ AMCR WREN ANHU NOFL NOMO CAQU YRWA BEWR BUSH KILL WCSP BGGN CANG AGOL HOFI AMCO GREG RCKI MALL RNDU CITE DEJU RTHA WTSW HOWR OATI CATH NRWS BLPH OCWA TOWA WIWA DOWO cotton tail Side blotched lizard Mole California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 03/20/2024 11:53 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	53°F	1-3 MPH	20 %
End of Day	11:10	64 °F	0-2 MPH	40 %

Date Observed
March 20, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
BEWR NOMO MODO HOFI CATH AMCR SPTO SOSP CALT CASJ ACWO CAQU NOFL BGGA OCWA ANHU OATI BHGR RTHA CORA Western toad Western fenced lizard Side blotched lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 03/28/2024 11:15 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	48°F	0-1 MPH	0 %
End of Day	11:00	66 °F	0-1 MPH	10 %

Date Observed
March 28, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed
ACWO ANHU CASJ CAKI HOFI SPTO NUWO NOFL RNDU GBHE SOSP MODO WCSP CAQU BUSH AMCR CALT KILL RUDU BEWR RCPA CANG LEGO AMRO YRWA BGGN COHA MALL NRWS NOMO HOWR ALHU OCWA RCKI WTSW BLPH RSHA DOWO OATI COYE BUFF WREN CATH western toad Western fenced lizard Side blotched lizard Cotton tail California ground squirrel

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	14:00	63 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image two crews, Genero and Augustine plus eight crew. Removing invasive solanum and hemlock with hand tools. Two more on irrigation check.

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, OCWA, RCKI, AMCR, RCPA, HUVI, NUWO, BEWR, BLPH, CALT, COHA, NOFL, OATI, CSJA, BUSH, ORJU, YRWA, BTGW, GREG, LEGO, ANHU, ALHU, OCWA, ACWO, CAQU, DOWO, TOWA, MODO, CAKI .
In Reservoir: CANG, MALL, LESC, RNDU, RUDD, BUFF, PBGR, AMCO, AMWI.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Go to site southernmost clearing where the crew will remove solanum from most of the area. The site was recently replanted with small shrubs due to high mortality hear. Some of the stakes have survived, and new plantings are small but alive. The crew finishes up in this area by the end of the day.
1200: Moves to the very south end of the restoration site DG-4 and weeds around older mulefat and rose plantings. Finishes up with hand tools by 1330.

Additional Comments
I saw two of the continuing bird rarities chestnut-sided warbler (an eastern warbler) and Cassin's vireo (neotropical migrant that we see during migration not wintering). Many birders are documenting daily from the pathway along the restoration. Being respectful of not trespassing from what I see.

Signature

Southernmost_clearing_DG4A_Solanum_removal_looking-North.jpg
-118.17741195555556 34.18889229166666

Example_of_thick_patch_solanum_growth.jpg
-118.17746995833333 34.18899958333333

Area_cleared_of_solanun_looking_north.jpg
-118.1773728888889 34.18880566666666

Weed_removal_south_end_planted_area.jpg
-118.17714030555555 34.1868425

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	10 %
End of Day	14:45	62 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (2), hula hoes (5), hoes (3), rake (1), and snips.
3. Gothic Landscape crew of nine with Juan 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: AMCR, CORA, CALT, RCPA, ACWO, LEGO, NOFL, CAKI, MODO, BEWR, YRWA, CANG, SOSP, DOWO, BLPH, HOFI, KILL, WCSP, MALL, BUFF, ANHU, WREN, RTHA, CASJ, NOMO, WEME, MAKE
Mammals: Coyote, Pocket gopher, California ground squirrel
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew begins work in DG-2 working their way North into DG-8.
0730: Biologist monitors surrounding work area for any wildlife.
0900: Crew takes break.
0915: Crew heads back to work in DG-1.
1150: Crew heads over to rest area for lunch.
1130: Crew heads back to work in DG-1.
1435: Crew heads back to rest area to put away tools and tarps.

Additional Comments
N/A

Signature

DG2&8_vegetation_removed_facingSoutheast.jpg
-118.1713190888889 34.19298791666667

DG8_pre_vegetation_removal_facingNorth.jpg
-118.17097631944445 34.193366930555555

DG8_post_vegetation_removal_facingNorth.jpg
-118.1710672388889 34.19341602777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	100 %
End of Day	14:30	58 °F	7-9 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 10 weeding in DG-4 CSS.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
EUCD, AMCR, ACWO, CASJ, ANHU, CALT, RCKI, YRWA, HOFI, WCSP, WREN, CAQU, BGGN, SOSP, CATH, BEWR, desert cottontail, SPTO, NOMO, CAKI, LEGO, BLPH, NOFL, EUST, ALHU, OATI, RTHA, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew, wait for the rain to stop.
0750: Pre-construction bird survey.
0820: Monitor weeding crew.
1415: Crew finished weeding.
1430: Completed daily log.

Additional Comments
N/A

Signature

photo_1-20240103-DG-4_before_weeding_facingEast.jpg
-118.1729104638889 34.195320655555555

photo_2-20240103-DG-4_before_weeding_facingNorth.jpg
-118.17286308333334 34.195341694444444

photo_3-20240103-DG-4_after_weeding_facingEast.jpg
-118.17290353888889 34.195300305555556

photo_4-20240103-DG-4_after_weeding_facingNorth.jpg
-118.17285890833334 34.195335111111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:55	64 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

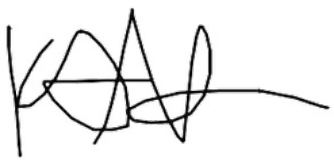
List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEDW, WEME, RWBL, SPTO, NOFL, AMRO, AMKE, KILL
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate. Biologist gave new worker Aldo the environmental training.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in and DG-1.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-1.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature



Invasive_removal_DG1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	20 %
End of Day	14:55	62 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, AMKE, KILL.
Reptiles: Western fence lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in and DG-1.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-1.
1300: Crew finishes work in DG-1 and starts weeding in DG-2 near Johnson Field
1450: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG1_facingN

Signature

invasive_removal_DG1_facingNorth.jpg

Invasive_removal_DG2_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	36 °F	0-3 MPH	5 %
End of Day	14:15	63 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of plants (mostly nightshade, pepperweed, and some curly dock) inhibiting growth of desired native plants. Crew of ten Nature's Image workers, four supervised by Augustine and six by Genaro Gomez. Raul present. Only hand tools used.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SPTO, BEWR, AMCR, RCPA, YRWA, NUWO, CAKI, HOFI, CANG, OCWA, RCKI, CALT, LEGO, CASJ, MODO, DOWO, big-eared woodrat nest, HUVI, MALL, ANHU, EUST, SOSP, BUSH, BTYW, GCSP singing, ACWO, WCSP, OATI, Eastern fox squirrel, California ground squirrel, COYE, WIWA, CORA, CATH, NOFL, DEJU, frog species vocaliizing, TOWA, BUFF, LESC, RUDU, AMWI, DUFL, CAVI singing, RSHA, RTHA, Red Admiral, Gulf fritillary, ALHU, CSWA (immature female) seen calling, PUFI.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0700: Preparation.
0700-0720: Checked DG-4A southern Primrose (low area) for nests and special status species; none found.
0723-1415: Weeding proceeds.
1415: Log done.

Additional Comments
Rained a few days ago; muddy in places.

Signature

photo_1-20240104-DG-4A_Primrose_south-lookingEast-before.jpg
-118.176955 34.18965166666666

photo_2-20240104-DG-4A_Primrose_south-lookingEast-after.jpg
-118.17691500000001 34.18967166666666

photo_3-20240104-DG-4A-Primrose_south-lookingSoutheast-before.jpg
-118.176955 34.18965166666666

photo_4-20240104-DG-4A-Primrose_south-lookingSoutheast-after.jpg
-118.17693333333334 34.18969

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	50 %
End of Day	12:25	59 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: COHA, CORA, BEWR, YRWA, CASJ, CALT, ALHU, WCSP, RCKI, LEGO, NOFL, NUWO, ACWO, SPTO, AMCR, CEWA, BUSH, SOSP, CATH, CANG, ANHU, RNDU, MALL, RCPA, BGGN, OATI, RUDU, BLPH, AMWI, RTHA, WODU, AMCO, TOWA, OCWA, CAVI, LISP, BTYW, DEJU, HUVI, ECDO, MODO, SAPH, CAKI, TUVU, WEBL, TEWA, HETH, RSHA, COYE, WREN, NAWA
Reptiles: N/A
Mammals: California ground squirrel, Desert cottontail, Fox squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645: Arrive on site at same time as one of the Gothic trucks. Remaining Gothic crew arrives on site. Crew begins weeding along the hydroseeded western slopes of DG-2 and works southward through DG-2 towards DG-3.
0900: Crew takes break and resumes work after.
0945: Crew continues eastward through the restoration site targeting *Conium maculatum* and non-native grasses.
1200: Gothic crew finishes work and leaves for Las Vegas.

Additional Comments
N/A

Signature

Gothic_removing_nonnatives.jpg
-118.17229919444445 34.19072869444444

Collected_weeds_DG-2_facingNorthwest.jpg
-118.172448825 34.19004943333333

Work_DG-2_WestSlopes_facingNorth.jpg
-118.17266784722223 34.189175569444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	95 %
End of Day	14:30	62 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image crew of five weeding in DG-4A/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:
CALT, SOSP, WCSP, BUSH, BEWR, CANG, LEGO, YRWA, SPTO, WREN, NUWO, DEJU, NOFL, ANHU, RNDU, AMWI, BUFF, AMCO, AMCR, RCPA, RUDU, MALL, LESC, OATI, CAVI, RCKI, BTYW, ACWO, CAQU, BTPI, MODO, CASJ, BGGN, California ground squirrel, 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: Cleared crew to work in DG-4A. The specific work area was the "center primrose" field, the last of the large openings as you head south. Primary target was a native, *Solanum douglasii*, that is choking out container plants. It is mixed in with poison hemlock and *Rumex crispus*.
0945: Observed an ANHU with nesting materials (cotton from a willow pappus). Took multiple trips into oak woodland, was unable to locate a nest to confirm; it only took 2 trips. Added point in fieldmaps.
1300: Crew moves into nearby section of DG-4.
1420: Crew starts wrapping up for the day.

Additional Comments
N/A

Signature

photo_1-20240105-pre_weeding_facingEast.jpg
-118.1766296388889 34.189531099999996

photo_2-20240105-postweeding_facingEast.jpg
-118.17661322222223 34.189510694444444

photo_3-20240105-pre_weeding_facingNorth.jpg
-118.176499 34.189667611111105

photo_4-20240105-post_weeding_facingNorth.jpg
-118.1765135 34.189647063888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	30 %
End of Day	14:45	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, CAQU, NOMO, TUVU, BEWR, COYE, CEDW, WEME, RCKI, RWBL, SPTO, LEGO, NOFL, AMRO, AMKE, RSHA, KILL
Reptiles: Western fence lizard
Mammals: California ground squirrel, Desert cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0650: Crew begins work weeding in the Side Slopes with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in the Side Slopes.
1200: Crew breaks for lunch.
1230: Crew begins work in DG-3B.
1435: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_side_slopes_facingS

Signature

Invasive_removal_side_slopes_facingSouth.jpg

Invasive_removal_DG-3B_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: January 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	4-6 MPH	80 %
End of Day	14:00	58 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation Clearing
2. Hula how's, tarps, hang gloves
3. Five Natures image staff including the 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:
BEWR, YRWA, CANG, CALT, HOFI, CASJ, ANHU, AMCR, SPTO, WCSP, LEGO, BUSH, BLPH, MALL, MODO, RTHA, RCPA, DEJU, DOWO, RCKI, CAQU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Go over areas team will be working in, survey.
0720: Area cleared, crew begins working in area clearing weeds.
0930: One field crew member breaks off to finish weeding an area about six feet West from the rest of the crew. Survey area for clearance.
1000: Crew continues to weed.
1230: Tree trimmers begin to work near by, no major disturbance to birds in area seen.
0200: Crew begins to remove tarps from the area and wrap up for the day. Fill out survey data, after photos.

Additional Comments
Only 5 person crew today therefore they were unable to start second area pictured as photo 3 above. Crew overall made good progress and asks good questions about birds when curious or hearing calls. One crew member worked backwards (back of the area pictured making his way to the front) but I did not anticipate that therefore no before photo was taken.

Signature

photo_1-20240108-before-facingNorth-DG4A.jpg
-118.17643086111111 34.18928197222222

photo_2-20240108-after-facingNorth-DG4A.jpg
-118.17644994444444 34.18956487222222

photo_3-20240108-before-facingEast-DG4A.jpg
-118.17650755555556 34.18947112777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	36 °F	0-3 MPH	0 %
End of Day	13:45	60 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Genero and Tatiana will go pick up plants this morning. I will inspect on arrival. Charlie removing tall cages under mature forest from years ago. Crew of five weeding in planting area. All plant, inser drip lines for new plantings.

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, SPTO, BEWR, CAKI, SOSP, COHA adult, AMCR, WCSP, CSJA, NOFL, WBNU, CANG (over 100 in the morning, coyote protection?) WREN, BGGN, MODO, ECDO, OATI, LEGO, PUFI, BUSH, RCKI, WREN, NUWO, LEGO, CAQU, CATH

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Genero takes me to weeding/planting area, southeast mining pit. Lots of poison hemlock to remove before plants arrive for the day.
0700: Crew starts weeding, I pull some cages off large plantings. These can be used in new planting area. Plants come mid-morning. I count, all are here and in good health.
1200: All plantings, irrigating the cleared area. 48 plantings of the eight riparian spp.Charlie cut the cages off of at least 20 older plantings entrapped in the mature forest DG4A.

Additional Comments
Ground hard and vegetation frosty at start up.

Signature

Pre-weed_prep_for_planting_facing_North.jpg
-118.1741042888889 34.192645

Planting_irrigation_efforts_looking_West_DGW2.jpg
-118.17407872222223 34.19265630555555

All_549_plants_look_healthy.jpg
-118.1752635 34.19237279444444

New_plantings_installes_irrigated_protected.jpg
-118.1740855138889 34.192599861111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	0-3 MPH	25 %
End of Day	14:55	64 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal. 2. Hand pulling/hand tools. 3. Gothic Landscaping. Crew of 10 plus Juan 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: LISP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU EGGO BARS CLSW NAWA CATH WIWA MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO TUVU BEWR COYE CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA KILL Reptiles: NA Mammals: California Ground Squirrel, Desert Cottontail Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. 0640: Safety tailgate. 0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock. 0900: Crew takes a break. 0915: Crew continues invasive species removal in DG-2. 1200: Crew breaks for lunch. 1230: Crew begins work in DG-2. 1445: Crew stops work for the day.

Additional Comments
Crews have started scarifying unvegetated paths throughout the site to promote growth and narrow the paths (since these areas will eventually need to be vegetated after project completion).

Signature

Invasive_removal_DG-2_facingN

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	4-6 MPH	0 %
End of Day	13:30	59 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of seven weeding, installing irrigation, and digging holes in DG-W-2 mining pit to prep for planting this area tomorrow.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SPTO, WREN, BUSH, RCKI, WCSP, CALT, CAQU, ACWO, CAKI, coyote, BEWR, AMCR, NOFL, NUWO, CASJ, ANHU, CORA, RCPA, CANG, EUCD, WEBL, LEGO, CATH, SOSP, RTHA, YRWA, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Preparing with the crew.
0640: Pre-construction bird survey.
0710: Monitor crew.
1330: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240110-mining_pit_before_weeding_facingWest.jpg
-118.17407479444445 34.19255280555555

photo_2-20240110-mining_pit_before_weeding_facingEast.jpg
-118.17406029722223 34.19255230555555

photo_3-20240110-mining_pit_after_weeding_facingWest.jpg
-118.17409333333333 34.19256319444444

photo_4-20240110-mining_pit_after_weeding_facingEast.jpg
-118.1740741388889 34.192573027777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: January 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	34 °F	4-6 MPH	0 %
End of Day	14:45	55 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Trail maintenance and scarification, weed removal.
2. Hand tools (hoes, rakes, shovels) and hand pulling.
3. Gothic crew of 10 plus Juan.

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: California towhee, Acorn woodpecker, Ruby-crowned kinglet, Bewick's wren, Yellow-rumped warbler, White-crowned sparrow, Wrentit, California thrasher, Great egret, Mallard, Ruddy duck, Red-crowned parrot, American crow, Ring-billed duck, American coot, Red-tailed hawk, Red-shouldered hawk, Mourning dove, Common raven, Spotted towhee, Anna's hummingbird, California scrub jay, Nuttall's woodpecker, Northern flicker, Western meadowlark, Western bluebird, Mountain quail
Mammals: Audubon's cottontail, Fox squirrel
Herps: N/A

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0700: Biologist walked the areas in which the crew were working up towards to ensure there was nothing that needed to be avoided.
0900: Crew broke for break.
1030: Biologist walked the extent of the East side, searching for any early invasive plant growth.
1145: Crew broke for lunch.
1445: Crew wrapped up work and departed site. All day - Crew scarified/tilled soil along and adjacent to the paths in Johnson Field.

Additional Comments
N/A

Signature

Recently_scarified_soil.jpg
-118.17172856111111 34.19127972222222

Crew_scarifying_trail.jpg
-118.17172454166668 34.191282611111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	13-15 MPH	0 %
End of Day	13:00	59 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of eight weeding in DG-4A dirt pile.

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, LEGO, BGGN, desert cottontail, CAKI, BEWR, CALT, AMCR, WCSP, EUCD, RTHA, CASJ, NOFL, WREN, TUVU, COHA, YRWA, HOFI, CAQU, California ground squirrel, CATH, ANHU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645: Preparing with crew.
0700: Pre-construction bird survey.
0720: We decided not to work in this area due to the risk of tree branches falling in the wind (gusts up to 40mph today).
0730: Pre-construction bird survey in DG-4A dirt pile.
0740: Monitor weeding crew.
1300: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240111-DG-4A_before_weeding_facingEast.jpg
-118.17239084444445 34.19360038888889

photo_2-20240111-DG-4A_before_weeding_facingSouth.jpg
-118.1724108388889 34.193583999999994

photo_3-20240111-DG-4A_after_weeding_facingEast.jpg
-118.17239449444445 34.19362238888888

photo_4-20240111-204531DG-4A_after_weeding_facingSouth.jpg
-118.17241301111112 34.193589805555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	13-15 MPH	5 %
End of Day	14:53	60 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Scarifying paths within restoration area.
2. Hoes (nine) and rakes (three).
3. Gothic Landscape crew of ten plus Juan 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: CORA, YRWA, RCPA, AMCR, RCKI, CALT, WCSP, SPTO, BEWR, CANG, AMCO, MALL, RSHA, BUFF, LESC, KILL, NOFL, ANHU, CAKI, WETA, HOFI, ACWO, WEME, BTPI, WTSW, RTHA, BGGN, WREN, SOSP, LEGO, BLPH
Mammals: California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to Johnson Field to scarify the paths within the restoration area.
0700: Biologist monitors restoration area for any wildlife.
0900: Crew takes break.
0915: Crew returns to work area in Johnson Field.
1200: Crew takes lunch.
1230: Crew returns to work in DG-2 working south.
1435: Crew begins to head out of restoration area.
1443: Crew puts away tools.

Additional Comments
N/A

Signature

JohnsonField_pre_scarifying_facingNorthwest.jpg
-118.17117156944445 34.19180239999999

JohnsonField_post_scarifying_facingNortheast.jpg
-118.1711877888889 34.19179708333333

DG2_pre_scarifying_facingSouth.jpg
-118.1724306 34.190699027777775

DG2_post_scarifying_facingSouth.jpg
-118.17243943055556 34.19069230555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:28	42 °F	0-3 MPH	0 %
End of Day	12:23	57 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: ACWO, CATH, YRWA, HOFI, WCSP, BEWR, RCKI, AMCR, CEDW, CANG, WREN, RNDU, CALT, MALL, AMCO, LEGO, SOSP, RCPA, CAKI, KILL, SAPH, MODO, RUDU, RTHA, BLPH, SPTO, BUSH, ANHU, OCWA, WIWA, NOFL, DEJU, TOWA, BAWW, BTYW, CAVI, OATI, HUVI, COYE, CASJ, BGGN, CAQU, CORA, NAWA
Reptiles: N/A
Mammals: California ground squirrel, desert cottontail, fox squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of tilling soil along the hinge of the eastern slope along DG-2 and will be finishing this remaining section today. Work continuing from previous in the week.
0900: Crew takes break and resumes work after.
0930: Crew continues tilling the trails running through the interior of DG-2.
1200: Gothic crew finishes work and leaves for Las Vegas.

Additional Comments
N/A

Signature

Tilling_DG-2_facingNorth.jpg
-118.17315262777778 34.18823194444444

Post-tilling_DG-2_facingSouth.jpg
-118.1728015 34.18889188888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	15:00	59 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) crew of eight weeding and planting in DG-W-2 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:
SOSP, BUSH, WCSP, CATH, BEWR, CALT, CANG, YRWA, BGGN, MODO, ACWO, LEGO, CAKI, CASJ, AMCR, NUWO, RCPA, PUFI, ANHU, WREN, BTPI, ECDO, CEDW, WBNU, EUST, DEJU, NOFL, HOFI, OATI, RCKI, OCWA, RNDU, MALL, BUFF, SPTO, BLPH, RSHA, DOWO, CAQU, Baja California chorus frog, San Diego alligator lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Tailboard with crew, surveyed work area while they set up.
0650: Monitored weeding and installation of plants (48, 8 of each) in the eastern half of the mining pit. Very cold- frost on ground. Weeding targets included poison hemlock and mustard in areas to be planted.
1230: Surveyed DG-4A for planting locations.
1300: Resumed monitoring.
1445: Crew starts wrapping up, inspected site and left.

Additional Comments
N/A

Signature

photo_1-20240112-pre_weeding&planting_facingNorth.jpg
-118.17386558333334 34.19253951944444

photo_2-20240112-post_weeding&planting_facingNorth.jpg
-118.17386733333333 34.192536527777776

photo_3-20240112-new_plant_installs_facingNorthwest.jpg
-118.1740175638889 34.192655261111106

photo_4-20240112-closeup_container_plant_facingEast.jpg
-118.17417066666667 34.19252409722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	60 %
End of Day	14:57	66 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

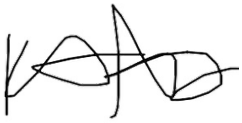
List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, CAQU, NOMO, TUVU, BEWR, COYE, CEWA, WEME, RCKI, RWBL, SPTO, LEGO, NOFL, AMRO, RSHA, WEBL
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock. Crews also began scarifying unvegetated, compacted paths within the restoration area to promote growth and narrow the paths (with the long-term goal of these areas being vegetated after project completion).
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew begins work in DG-2.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature



Invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: January 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	90 %
End of Day	14:30	64 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Planting in DG-4A.
2. Shovels, cages for plants, stakes, gloves.
3. Six Natures Image staff including field 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:
MODO, ANHU, HOFI, YRWA, LEGO, BLPH, BEWR, BUSH, NUWO, RCKI, RCPA, CASJ, DEJU, CORA, CALT, AMCR, OATI, WCSP, SOSP, Cottontail, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site, lead goes over today's plan.
0645: Sunrise, begin surveying.
0730: Area cleared, crew begins to do minimal weeding, sets up plants, dig holes.
0930: Planting begins, while some of the crew continues to dig holes and protective cages are secured.
1200: Planting and cage install continues.
1230: Microline and irrigation installation/fixes.
1300: Water all plants.
1430: Crew completed planting for the day, wraps up. Take after photos, fill out log. 96 plants planted in total. Plants from today: 16 Elderberry, 16 Blackberries, 16 California rose, 16 Coyote bush, 16 Mugwort, 16 Cotton wood, Total 96.

Additional Comments

Signature

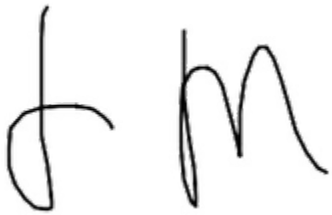


photo_1-20240115-Before-DG4A-FacingWest.jpg
-118.17692305555556 34.18961233333333

photo_2-20240115--After-DG4A-FacingWest.jpg
-118.17693955555556 34.18962713333333

photo_3-20240115--Before-DG4A-FacingEast.jpg
-118.17694583333333 34.18961658333333

photo_4-20240115-After-DG4A-FacingEast.jpg
-118.17695258333333 34.18966727777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	40 °F	0-3 MPH	5 %
End of Day	13:15	77 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration planting activities using hand tools and plant cages. Crew of seven Nature's Image workers supervised by Genaro Gomez. As usual, two of the workers were assigned to 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:
ACWO, ECDO, CEDW, BEWR, WCSP, OCWA, numerous AMCR, CASJ, BUSH, HUVI, MODO, NUWO, SOSP, LEGO, CAKI, RCKI, RCPA, WEBL, OATI, YRWA, RTHA with nesting material next to main parking lot (see RTHA_X in Field Maps), CALT, HOFI, ANHU, big-eared woodrat nest, CATH, AMCO, desert cottontail, HOWR, Mourning cloak, Eastern fox squirrel, NOFL, BLPH, TOWA, California ground squirrel, COHA, Cloudless Sulphur, CORA, RSHA, ALHU, Gulf fritillary, Western fence lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0710: Preparation. Edison trucks blocking storage container area access until 0700.
0715-0736: Checked southern Primrose (low area) where planting will take place for nests and special status species. None found. Roughly 160 American crows gathered in trees squawking as if mobbing raptor, but no raptor found.
0738-1300: Planting and cage installation proceed. Edison working with trucks and lifts on public trail.
1315: Log done.

Additional Comments
At start of day, ground was wet.

Signature

photo_1-20240116-DG-4A_south_Primrose-lookingSouth-at_25_minutes.jpg
-118.17643166666667 34.189589999999995

photo_2-20240116-DG-4A-south_Primrose-lookingSoutheast_closer_up-after.jpg
-118.17647000000001 34.189539999999994

photo_3-20240116-DG-4A-south_Primrose-lookingWest-at_25_minutes.jpg
-118.17649 34.189595

photo_4-20240116-DG-4A-south_Primrose-lookingWest-after.jpg
-118.17644333333334 34.18960333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	5 °F	0-3 MPH	0 %
End of Day	14:50	70 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and soil scarifyication.
2. Tarps (5), hoes (4), hula hoes (6), 5-gallon buckets (3).
3. Gothic Landscape crew of 10 plus Juan 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: CORA, WREN, HOFI, DEJU, HOFI, CATH, SPTO, BUSH, YRWA, ROPI, AMCR, NOFL, ANHU, RCPA, WCSP, RTHA, RSHA, MALL, AMCO, KILL, CASJ, SOSP, RCKI, HOWR, BTPI, WEBL, BLPH, ACWO, CAKI, CAQU, LEGO, CALT, NOMO
Mammals: Fox squirrel, California ground squirrel
Reptiles: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to start work in DG-2 working south towards DG-3B. Biologist monitors surrounding work area for any wildlife.
0750: Crew works on slope below DG-3B working north.
0800: Tarps consist of non-natives (mainly poison hemlock and mustard) and trash.
0900: Crew takes break.
0915: Crew gets ready to head back to work at south end of site in DG-2. Three crew members go to water the most recent plantings.
1145: Crew heads back to rest area. Two red-shouldered hawks mobbing a red-tailed hawk perched on spit along trail in DG-2B.
1230: Three crew members go to work on irrigation. The rest of the crew head back to work in DG-2.
1430: Crew begins heading back to rest area.
1440: Crew puts aways tools for the day.

Additional Comments
N/A

Signature

DG3A_vegetation_removed_facingEast1.jpg
-118.17301583888889 34.18791466111111

DG2_vegetation_removed_facingSoutheast.jpg
-118.17289568055556 34.18852345

DG2_vegetation_removed_facingWest1.jpg
-118.17253485 34.18886511944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	13:30	59 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of eight weeding and planting in DG-4A primrose 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:
ACWO, CAQU, RCPA, SPTO, BEWR, CATH, SOSP, ANHU, Desert cottontail, AMCR, LEGO, OATI, CALT, CASJ, BLPH, MODO, EUCD, BUSH, YRWA, GREG, WREN, COHA, KILL, RSHA, CAKI, DEJU, NUWO, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0645: Pre-construction bird survey.
0710: Found a dead rat on the ground. Called Mike to coordinate. Marked location on field maps, flagged rat, and flagged five nearby middens. It doesn't look like the crew is responsible, it might have been dead for some time already.
0730: Monitor crew.
1200: Retrain crew on how to avoid disturbing woodrat middens.
1210: Monitor crew.
1330: Crew finished weeding and planting, completed daily log 42 plants planted today (11 coyote brush, eight rose, 11 blackberry, six cottonwood, four elderberry).

Additional Comments
N/A

Signature

photo_1-20240117-DG-4A_before_planting_facingWest.jpg
-118.17642302777779 34.18935733333333

photo_2-20240117-DG-4A_before_planting_facingSouth.jpg
-118.17641275000001 34.18925933333333

photo_3-20240117-DG-4A_after_planting_facingWest.jpg
-118.17640630555556 34.18938261111111

photo_4-20240117-DG-4A_after_planting_facingSouth.jpg
-118.17640933333334 34.18926945277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	100 %
End of Day	14:55	64 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-East Trails 1, 2, 3, and 4 with hand tools. Main target species include erodium, non-native grasses, mustard, castor bean, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-East_Trail_1_facingSouth.jpg

Invasive_removal_DG-East_Trail_3_facingSoutheast.jpg

Invasive_removal_DG-East_Trail_4_facingNortheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	47 °F	0-3 MPH	25 %
End of Day	14:50	67 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: BEWR, LEGO, BUSH, YRWA, ACWO, WCSP, NUWO, RCKI, CALT, COHA, RTHA, AMKE, WEBL, SPTO, HOFI, NOFL, CATH, BLPH, SOSP, AMCR, CORA, CASJ, ANHU, MALL, MODO, RCPA, WODU, ALHU, DEJU, OCWA, RSHA, TOWA, LISP, OATI, CAKI, AGOL, NAWA, BGGN, COYE
Reptiles: N/A
Mammals: California ground squirrel, Desert cottontail, Fox squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals just outside of the project boundary along the east perimeter trail, by the north side of the project site. This is to prevent seeds from nonnative plants growing along the adjacent slopes by DG-2 from getting into the mitigation site.
0850: Crew takes break and resumes work after.
0930: Crew continues weed removal along east perimeter trail, moving westward into DG-2 mitigation area.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal work throughout DG-2.
1400: Biologist flags limits of herbicide use areas based on maps provided by ECORP/Juan.
1445: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weeding_east_trail_facingNortheast.jpg
-118.1699872388889 34.19275227777777

DG-2_weeding_facingNortheast.jpg
-118.17206000833333 34.18993877222222

Herbicide_limit_flagging_facingNorth.jpg
-118.17159398333334 34.1925831

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	70 %
End of Day	13:30	75 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration planting of natives using hand tools. Crew of eight Nature's Image workers supervised by Genaro Gomez.

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, WEBL, RCPA, AMCR, BEWR, LEGO, YRWA, WCSP, ANHU, RCKI, CASJ, CATH, SOSP, WREN, CORA, NOFL, BLPH, TOWA, COHA (juvenile), ECDO, NUWO, WBNU, HOFI, BUSH, EUST, BTPI, CALT, RTHA, BGGN, RSHA, California ground squirrel, CAKI, Red Admiral, OATI, Eastern fox squirrel, Western fence lizard, DEJU, Frog vocalizing, Big-eared woodrat nest.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0704: Preparation.
0705-0722: Checked DG-4A (low area) southwest of Boulders for nests and special status species; none found.
0734-1330: Planting and cage installation proceed. Plants planted per Genaro: 24 Pacific blackberry, 13 mugwort, 15 California rose, 18 coyote brush,18 cottonwood.
1330: Log done.

Additional Comments
Edison working on public trail.

Signature

photo_1-20240118-DG-4A_Southwest_of_Boulders-lookingWest-before.jpg
-118.17586166666668 34.18993833333333

photo_2-20240118-DG-4A_Southwest_of_Boulders-lookingNorth_fromSouth_end-after.jpg
-118.17586666666668 34.18960499999999

photo_3-20240118-DG-4A_Southwest_of_Boulders-lookingWest_fartherEast-before.jpg
-118.17569 34.189874999999994

photo_4-20240118-DG-4A_Southwest_of_Boulders-lookingWest-from_fartherEast-after.jpg
-118.17564833333334 34.18992166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: January 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:45	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 11 plus Manuel 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: LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUTI, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, NOFL, CAQU, AMKE, NOMO, TUVU, BEWR, COYE, CEWA, WEME, RCKI, RWBL, SPTO, LEGO, CANG, KILL
Mammals: California ground squirrel, Desert cottontail, Woodrat mitten
Amphibians: NA
Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Checked in with crew lead.
0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include dodder, erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew returns to work in Johnson Field.
1200: Crew breaks for lunch.
1230: Crew returns to work in the Johnson Field.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_species_removal_facingWest.JPG
-118.17109722222223 34.19127222222222

Invasive_species_removal_facing_Southwest.JPG
-118.1702638888889 34.19274444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	60 %
End of Day	15:00	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) crew of eight weeding and planting in DG-4A in the field south 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:
RSHA, BUSH, LEGO, CALT, SOSP, ACWO, MODO, YRWA, AMCR, CATH, RCPA, Baja California chorus frog, NUWO, NOFL, ANHU, CASJ, NOMO, ALHU, ECDO, EUST, MALL, WREN, BTPI, OATI, WEBL, PUFI, BLPH, Desert cottontail, CAQU, BGGN, COHA, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Surveyed work area.
0645: Cleared crew to work. Monitored weeding and installation of replacement plants in DG-4A, near the lower center field that flooded in 2023.
1200: Crew switches to working slightly north in "center upper" area. All but eight California sage scrub plants installed by end of day.
1445: Crew wraps up for the day, take photos and leave.

Additional Comments
N/A

Signature

photo_1-20240119-pre_planting_facingSoutheast.jpg
-118.17577891666667 34.18967067777778

photo_2-20240119-post_planting_facingSoutheast.jpg
-118.17576410277778 34.18967716666666

photo_3-20240119-pre_weeding_facingNorthwest.jpg
-118.17591866666667 34.18969691666666

photo_4-20240119-post_weeding_facingNorthwest.jpg
-118.17589613888889 34.189660805555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: January 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	7-9 MPH	100 %
End of Day	14:30	56 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal along the DG-8 & DG-1 slopes
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus Juan (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: Bewick's wren, California towhee, White-crowned sparrow, Lesser goldfinch, Common raven, Red-crowned parrot, Northern flicker, Nuttall's woodpecker, California thrasher, Acorn woodpecker, Bushtit, Anna's hummingbird, Wrentit, Yellow-rumped warbler, Ruby-crowned kinglet, Spotted towhee, Mourning dove, American crow, Cedar waxwing, European starling, California scrub jay, Blue-gray gnatcatcher
Mammals: N/A
Herps: N/A

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew started arriving and the rain started easing up.
0730: Rain started picking back up, continued into a light drizzle throughout the day.
0900: Crew broke for break.
1200: Crew broke for lunch.

Additional Comments
N/A

Signature

Crew_weeding_DG-8.jpg
-118.17147208333334 34.19271018055555

Flow_along_streambed.jpg
-118.17134977222223 34.19307491666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	20 %
End of Day	14:55	65 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail, Pocket gopher
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	15 %
End of Day	14:15	70 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants such as poison hemlock, summer mustard, tree-of-heaven, and tree tobacco. Five areas to be weeded today. Multiple Nature's Image crews working at Devil's Gate, 20 crew members, seven trucks. Genaro, Eduardo, Luis [Lalo], Augustine, and Alberto supervising. Raoul present.

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, AMCR, ACWO, CAKI, MODO, YRWA, WCSP, HOFI, RCPA, BEWR, NOFL, LEGO, CEWA?, AMRO, WREN, BGGN, CATH, CASJ, ANHU, SOSP, COHA, ECDO, CALT, SPTO, BLPH, CANG, LESC, MALL, RCKI, TOWA, WEBL, CORA, big-eared woodrat nests, DEJU, California ground squirrel, COYE, Red Admiral, BUSH, WBNU, OATI, HUVI, NUWO, western fence lizard, CAQU, SAPH, NOMO.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0700: Preparation.
0701-0730: Checked DG-4A areas above north end of Mining Pit near cable fence, and south end of Dirt pile. No nests or special status species found.
0733-1415: Weeding proceeds. All of the very large areas cleared could not be shown in the photos.
0820-0835: Checked tree-of-heaven stand southwest of Boulders. No nests or special status species found.
0905-1415: Removal proceeds.
0910-0935: Checked western Mining Pit for nests and special status species; none found. Weeding work did not get to here.
1415: Log done.

Additional Comments
Rained the day before.

Signature

photo_1-20240123-DG-4A_North_of_Mining_Pit-lookingSouth_at_3_hours.jpg
-118.17309 34.193819999999995

photo_2-20240123-DG-4A_South_end_Dirtpile-lookingWest-at_3_hours.jpg
-118.17227000000001 34.193191666666664

photo_3-20240123-DG-4A_North_of_Mining_Pit-lookingSouth_from40feetSouth_of_photo1-after.jpg
-118.17316666666667 34.193695

photo_4-20240123-DG-4A_South_end_Dirtpile-lookingWest-after.jpg
-118.17228666666666 34.19323833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	80 %
End of Day	14:30	59 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 17 weeding in DG-4 near dirt pile.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
AMRO, BEWR, BUSH, LEGO, ACWO, BGGN, SPTO, SOSP, RCPA, AMCR, CAQU, ANHU, CATH, CALT, BLPH, CASJ, RTHA, MODO, HOFI, CAKI, DEJU, CANG, NOFL, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0650: Pre-construction bird survey.
0720: Monitor weeding crew.
0750: Discovered and mapped RTHA_01 nest.
1430: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240124-DG-4_before_weeding_facingSouth.jpg
-118.17340986111111 34.19360058333333

photo_2-20240124-DG-4_before_weeding_facingWest.jpg
-118.17344808333334 34.19374597222222

photo_3-20240124-DG-4_after_weeding_facingSouth.jpg
-118.17340208333334 34.19358961111111

photo_4-20240124-DG-4_after_weeding_facingWest.jpg
-118.17343257222223 34.19376518055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	14:55	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1.
1445: Crew stops work for the day.

Additional Comments
Could not rename photo 1: Invasive_removal_DG-1_facingN

Signature

Invasive_removal_DG-1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: January 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:45	61 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Juan as crew lead. (10 total).

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: LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, NOFL, AMKE, TUVU, COYE, CEWA, WEME, RWBL, SPTO, CANG
Mammals: California ground squirrel, Desert cottontail, Woodrat mitten
Amphibians: NA
Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Checked in with crew lead.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include dodder, erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew returns to work in DG-1.
1000: Crew then moves to weed in DG-3A.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-3A.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_weed_removal_DG3A_facingNorthwest.JPG
-118.17368888888889 34.18545833333333

Invasive_species_removal_DG1_facingSouthwest.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:30	72 °F	0-3 MPH	65 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants by 19 Nature's Image crew members using hand tools, supervised by Genaro, Eduardo, Luis [Lalo], Augustine, and Alberto. Raoul present. Two workers doing irrigation and three workers removing tree tobacco from Arroyo Seco's western embankment on a ATV.

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, BEWR, CAKI, YRWA, SPTO, WEBL, CASJ, BLPH, LEGO, CATH, NOFL, COHA (juvenile), ANHU, RCPA, ACWO, NOMO, SOSP, CALT, two desert woodrat nests(?) on cobble-sized rocks at southwest edge of Dirtpile (see "Other Species" record in Field Maps), CAQU, MODO, BGGN, WREN, HOFI, BUSH, WCSP, NUWO, CEWA, RCKI, OCWA(?), ECDO, CANG, California ground squirrel, three small western toads in cobbles next to southerly [possible] desert woodrat nest, RSHA, CORA, RTHA circling, Western fence lizard, Side-blotched lizard, Ladybug species, Botta's pocket gopher, Desert cottontail, WTSW, LESC, MALL, RUDU, BUFF, TUVU, EUST.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0803: Crews waiting in main parking lot for light rain/drizzle to cease. Ground and vegetation very wet from early a.m. rain.
0704-0719: Checked DG4A Dirtpile (south end) for nests and special status species; none found. Notified Genaro Gomez.
0805-1415: Weeding proceeds.
0958: Advised workers not to trample possible desert woodrat nests (they weren't).
1255: RTHA carrying nesting material flew west over Dirtpile toward north end of Hahamongna Watershed Park.
1430: Log done.

Additional Comments
Intermittent light rain and drizzle before 0800. Ground and vegetation very wet. An additional 700 square feet to the east (not shown in Photo 4) was weeded.

Signature

photo_1-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingWest-at_start.jpg
-118.172455 34.193225

photo_2-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingWest-after.jpg
-118.172475 34.193241666666665

photo_3-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingSouth-at_start.jpg
-118.17252166666667 34.193225

photo_4-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingSouth-after.jpg
-118.17251666666667 34.19324333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	4 %
End of Day	15:00	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) crew of 16 weeding in DG-4, DG-4A, 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:
AMRO, BUSH, RSHA, SOSP, WCSP, WREN, DEJU, CALT, CANG, LEGO, SPTO, ACWO, NUWO, CATH, AMCR, YRWA, MODO, ANHU, BGGN, WEBL, ALHU, CORA, NOFL, PHAI, BTPI, BLPH, WBNU, HOFI, WIWA, CAKI, BEWR, RTHA, CAQU, NOMO, COHA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Surveyed work area.
0640: Cleared crew to work. WEEP trained four new NI employees at site.
0700: Monitored weeding of DG-4, DG-4A, and DG-4 WOUS. Specific area was just south of the dirt pile, targets were mustard and poison hemlock with scattered *Marrubium vulgare* growing between young container plants and stakes.
1200: Crew showed me a two-foot-wide hole in the middle of a DG-4A restoration area, it had a trash bag and a red bowl in it, not placed there by a crew member. Disposed of it and filled the hole.
1445: Crew wrapping up, largely finished the dirt pile.

Additional Comments
N/A

Signature

photo_1-20240126-pre_weeding_facingSouth.jpg
-118.17279072222223 34.19312075

photo_2-20240126-post_weeding_facingSouth.jpg
-118.17276167222222 34.193138999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	20 %
End of Day	14:50	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Trash bag (1), hula hoes (5), hoes (5), and a dual headed weeding tool (1).
3. Gothic Landscape crew of 10 with Juan 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: AMCR, WREN, BUSH, YRWA, BEWR, BLPH, RCPA, CANG, MALL, SONG, ANHU, CATH, HUVI, RCKI, ACWO, NOFL, CALT, LEGO, CAQU, ALHU, RSHA, NOMO, WCSP, WEBL, CORA, HOFI, RTHA, AGOL, DEJU, CASJ, TUVU, CAKI, AMKE
Mammals: desert cottontail, pocket gopher, fox squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site
0645: Crew heads over to southern end of DG-2.
0720: Biologist monitors surrounding area for any wildlife activity.
0900: Crew takes break.
0915: Crew begins to head back to south end of site in DG-2.
1045: Trash bags consist of non-native vegetation mostly poison hemlock and trash.
1200: Majority of crew leaves for the day. The remaining crew takes lunch.
1230: Crew returns from lunch and heads back to work area in DG-2.
1440: Crew heads out of restoration area and puts away tools.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingNorth.jpg
-118.17267475 34.18866897222222

DG2_vegetation_removed_facingSouth.jpg
-118.17292005555556 34.18842073055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	54 °F	0-3 MPH	0 %
End of Day	14:30	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (seven people total) plus Juan 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: RCPA, AMCR, WREN, BEWR, COYE, SOSP, CALT, RCKI, SPTO, CATH, ALHU, NUWO, WCSP, ANHU, ACWO, CASJ, BLPH, BUSH, LEGO, YRWA, NOFL, CORA, KILL, BGGN, MALL, HOFI, WTSW, MODO, DEJU, TOWA, OCWA, BTYW, HUVI, CAKI, LISP, RTHA, CAQU, OATI, NOMO, WEBL, PUFI
Reptiles: N/A
Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals along the east perimeter trail and along side slopes of Johnson Field, working from the south and moving northward.
0850: Crew takes break and resumes work after.
0930: Crew continues weed removal along east perimeter trail, moving westward into DG-2 mitigation area.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal work throughout DG-2.
1445: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

DG-2_post-weeding_facingNorth.jpg
-118.17157525 34.19046071111111

Restoration_area.jpg
-118.17234949444445 34.19039163055555

DG-2_weeding_facingWest.jpg
-118.17209955555556 34.189223999999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	42 °F	0-3 MPH	5 %
End of Day	14:35	82 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants by 19 Nature's Image workers using hand tools supervised by Genaro, Lalo, Alberto, Augustine, and Rosario.

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, CATH, YRWA, NOFL, WCSP, SOSP, RCKI, LEGO, CALT, CASJ, COHA, RCPA, ANHU, BLPH, BEWR, BUSH, SPTO, California ground squirrel, ACWO, ECDO, WEBL, HOFI (yellow male), Botta's pocket gopher, Western fence lizard, Woodrat nests, CAQU, Red Admiral, Ladybug species, BGGN, Western toad (small), RTHA, Mourning cloak, Cabbage white, CAKI, CORA, NUWO, RSHA, WREN, SAPH.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645-0704: Preparation.
0704-0725: Checked DG-4A, DG-4 WOUS, and DG-4 south and southwest of Dirtpile for nests and special status species. None found. A lot of moisture on the ground and on vegetation from morning dew.
0736-1415: Weeding proceeds in this area. Mostly poison hemlock and mustard being removed. At least 2000 square feet of clearing today was not able to be shown in photos.
1435: Log done.

Additional Comments
N/A

Signature

photo_1-20240129-South_of_Dirtpile-lookingEast_at_start.jpg
-118.17277833333334 34.193099999999994

photo_2-20240129-South_of_Dirtpile-lookingEast-after.jpg
-118.172745 34.19307833333333

photo_3-20240129-Southwest_of_Dirtpile-lookingNorthnorthwest-at_start.jpg
-118.172915 34.19309

photo_4-20240129-Southwest_of_Dirtpile-lookingWestNorhtwest-after.jpg
-118.17292333333334 34.19305333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	15:00	67 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUTI, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, CAQU, NOMO, TUVU, BEWR, COYE, CEWA, WEME, RCKI, RWBL, SPTO, LEGO, NOFL, AMRO, RSHA, WEBL, KILL, SNEG, AMKE, CANG
Reptiles: NA
Mammals: California ground squirrel, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Half the crew continues invasive species removal in DG-2 and the other half picks up container plants to be planted in DG-3A.
0945: Crew begins planting oak woodland container plants in DG-3A.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1450: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG-2_facingN Photo 2: planting newest oak woodland container plant delivery in DG-3A

Signature

invasive_removal_DG-2_facingNorth.jpg

Planting_DG-3A_facingSW.jpg

Coyote_DG-3A_facingW.jpg

Container_plants.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:00	75 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Natures Image (NI) three crews under Genero, Augustine and Lalo. 15-person crew. Tatiana on irrigation, Ed and Carlos removing invasive trees. Augustine removes fencing around plantings.

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, SOSP, LEGO, CALT, CATH, SPTO, HOFI, YRWA, BUSH, ACWO, OCWA, RCPA, CORA, BGGN, SAPH, NOFL, CAKI, MODO, ECDO, ANHU, CAQU, RCKI, PUFI, WCSP.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Check out work area, below "dirt pile" and DG-4 WOUS/DG-4A, where at least three NI crews are pulling weeds. I assign one to cage removal around robust plants.
0730: Tatiana finds irrigation leak under a wood rat pile (chewed line). I watch as they fix line and leave a drip for rats -so they dont chew again. Ed and Carlos taking down invasive tree of heaven and tabacco tree. Work here throughout the day.
1130: Mitch from NI comes to inspect site. Also ICF has picked up flat of plantings. California scrubjay are busy caching acorns in the restoration. Removed some old nest boundary flags. Continue working south. Lots of progress with big crew. Crew wraps up at two.

Additional Comments

Signature

Pre_weed_and_cage_removal_looking_west.jpg
-118.17311162222222 34.192963927777775

Example_of_robust_plantings_needing_cage_removal.jpg
-118.17311673333334 34.19296040555555

Example_of_weeded_area_and_blooming_pearly_everlasting.jpg
-118.17304850000001 34.193097916666666

Wood_rat_chewed_irrigation_line_and_repair.jpg
-118.17257316666667 34.194159138888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	80 %
End of Day	14:15	66 °F	10-12 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 14 weeding in DG-W-2 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:
BEWR, LEGO, BUSH, AMRO, WCSP, CALT, ANHU, SPTO, WREN, ACWO, NOFL, SOSP, AMCR, RCPA, YRWA, CASJ, CAQU, BGGN, RCKI, EUCD, RTHA, AGOL, CATH, California ground squirrel, NUWO, western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0650: Pre-construction bird survey. Observed that many large tree branches have fallen this winter, probably from high winds and storms.
0750: Monitor weeding crew.
1415: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240131-mining_pit_before_weeding_facingEast.jpg
-118.17437919444446 34.19346683333333

photo_2-20240131-mining_pit_before_weeding_facingNorth.jpg
-118.17418005555557 34.19348408333333

photo_3-20240131-mining_pit_after_weeding_facingEast.jpg
-118.17436502777778 34.19347327777778

photo_4-20240131-mining_pit_after_weeding_facingNorth.jpg
-118.17419253611112 34.193486361111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	90 %
End of Day	14:58	67 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Trash bag (1), hoes (4), and hula hoes (4).
3. Gothic Landscape crew of eight plus Juan 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: CORA, ALHU, BEWR, BTPI, WREN, AMCR, HOSP, CASJ, WCSP, EUCD, RCPA, CALT, NUWO, YRWA, HOFI, CATH, BUSH, BGGN, ACWO, NOFL, BLPH, WEME, CAQU, SPTO, PUFI, RTHA, RSHA, CAKI
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to DG-2 to begin vegetation removal.
0648: Bobcat tracks seen in restoration area.
0700: Biologist monitors surrounding area for any wildlife.
0900: Crew takes break.
0915: Crew returns to work in DG-2.
1000: Removed vegetation mostly consist of poison hemlock.
1200: Crew takes lunch.
1230: Crew heads back into restoration area to continue work in DG-2.
1440: Crew begins heading out of restoration area.
1445: Crew puts away tools.

Additional Comments
N/A

Signature

DG2_pre_vegetation_removal_facingWest.jpg
-118.17243386111112 34.19058083333333

DG2_vegetation_removed_facingSouthwest1.jpg
-118.17252598055556 34.19059733333333

DG2_post_vegetation_removal_facingWest.jpg
-118.17244101111112 34.19059991666666

DG2_vegetation_removed_facingNorthwest.jpg
-118.1721516 34.191153380555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: February 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	50 %
End of Day	14:45	57 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Juan as crew lead. (10 Total)

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: LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, NOFL, AMKE, TUVU, COYE, CEWA, WEME, RWBL, SPTO, CANG
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA
Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Checked in with crew lead.
0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include dodder, erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew returns to work in Johnson Field.
1000: Crew then moves to work weeding in Johnson Field.
1200: Crew breaks for lunch.
1230: Crew returns to work in the Johnson Field.
1400: Juan and part of the crew depart to return home. Local crew members continue weeding in Johnson Field.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_weed_removal_facing_east.JPG
-118.17224722222223 34.19061388888888

Invansive_weed_removal_facing_east.JPG
-118.17152222222222 34.19974722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	5 %
End of Day	15:00	55 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) large crew of 16 weeding in DG-4 WOUS, DG-4 WOUS connections, DG-W-2 mining pit, and 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:
AMRO, SOSP, BEWR, CAKI, BUSH, WCSP, CASJ, AMCR, ACWO, CALT, RCPA, CATH, SPTO, WREN, NUWO, CEDW, ANHU, MODO, NOFL, ECDO, YRWA, RCKI, HOFI, CANG, KILL, CORA, RBNU.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Surveyed work area.
0700: Cleared crew, WEEP train two new NI workers.
0725: Monitored weeding in islands area and surrounding channels. Advise crew to work on large weeds, leave small ones to be dealt with by weed whackers.
0900: WEEP trained another NI worker.
0930: Monitored weeding. Crew starts running weed whackers, direct work.
1019: Find nest BUSH_01. Flag off and advise the crew to avoid.
1445: Crew wraps up, inspected site.

Additional Comments
N/A

Signature

photo_1-20240202-pre_weeding_facingEast.jpg
-118.1739071388889 34.19198125

photo_2-20240202-post_weeding_facingEast.jpg
-118.17393311111111 34.191976374999996

photo_3-20240202-pre_weeding_facingSouth.jpg
-118.17377385277779 34.191745624999996

photo_4-20240202-post_weeding_facingSouth.jpg
-118.17370563888889 34.191733166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	10 %
End of Day	14:15	52 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 16 weeding and removing plant cages in DG-4 WOUS islands and DG-4 west of islands

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, CANG, SPTO, CALT, NUWO, CATH, AMCR, CASJ, ANHU, SOSP, NOFL, BGGN, YRWA, RCPA, CAQU, WEBL, ACWO, WREN, LEGO, CAKI, HOFI, WCSP, MODO, OCWA, KILL, BUFF, HOME, Desert cottontail, Western fence lizard, BLPH, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0640: Pre-construction bird survey in DG-4.
0710: Pre-construction bird survey in DG-4 WOUS islands.
0730: Monitor crew.
1315: Check on sheetflow and primrose areas. Lower primrose is partially flooded.
1415: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240207-DG-4_before_weeding_facingEast.jpg
-118.17471341666668 34.19186805555555

photo_2-20240207-DG-4-WOUS_before_weeding_facingSoutheast.jpg
-118.1737806388889 34.191618416666664

photo_3-20240207-DG-4_after_weeding_facingEast.jpg
-118.17470501944445 34.19186466666666

photo_4-20240207-DG-4-WOUS_after_weeding_facingSoutheast.jpg
-118.17376726944445 34.19160781666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	34 °F	0-3 MPH	0 %
End of Day	14:30	57 °F	0-3 MPH	55 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants, mostly mustards and poison hemlock, by 19 Nature's Image crew members using hand tools, supervised by Genaro, Augustine, Roberto, and new foreman from Norco project, Jose.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
AMRO, AMCR, CATH, YRWA, CALT, EUST, CASJ, BUSH, pair of BGGN, SPTO, NOFL, ANHU, CAQU flock, WCSP, WEBL, RCKI, RCPA, woodrat nests, SOSP, BEWR, CORA, Brush rabbit, MALL, COHA, ECDO, ACWO, MODO, WBNU, OATI, HOFI, LEGO, RTHA circling, OCWA, AMKE, BLPH, Dead mole or shrew near main parking lot, DEJU, Juvenile western toad, Several TUVU, Western fence lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645-0705: Preparation. Area north and northwest of Dirtpile selected for today's worksite due to likely muddy conditions at "Islands."
0706-0730: Checked DG-4A far north (near east and west powerlines) of and northwest of Dirtpile for nests and special status species. None found but noted a flock of California quail in *Eriogonum fasciculatum* var. *foliolosum* (leafy California buckwheat) and *Artemisia californica* (coastal sagebrush) scrub and California thrashers singing in willows.
0742-1415: Weeding proceeds in southerly and easterly directions.

Additional Comments
Rained the last 5 days.

Signature

photo_1-20240208-DG-4A-far_North_of_Dirtpile-lookingNorth-at_45_minutes.jpg
-118.17244833333334 34.194781666666664

photo_2-20240208-DG-4A-far_North_of_Dirtpile-lookingNorth-after.jpg
-118.17225666666667 34.194691666666664

photo_3-20240208-DG-4A-Northwest_of_Dirtpile-lookingNorthwest-at_45_minutes.jpg
-118.17253000000001 34.19421

photo_4-20240208-DG-4A-Northwest_of_Dirtpile-lookingNorth_from_fartherEast-after.jpg
-118.17251166666667 34.19414

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	14:30	55 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) crew of 18 weeding with hand tools and weed whackers in DG-4, DG-4 sheetflow 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:
OATI, AMCR, DEJU, LEGO, BUSH, WCSP, SOSP, BEWR, CAKI, MODO, ANHU, CALT, BGGN, RCKI, CANG, CATH, CASJ, SPTO, HOME, BUFF, MALL, AMWI, RCPA, KILL, RUDU, WREN, CORA, NOFL, WEBL, HOFI, YRWA, AMRO, CAQU, ECDO, PUFI, RSHA, BLPH, CEDW, Bobcat, Desert cottontail, California ground squirrel, Baja California chorus frog.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived, tailboard with foreman.
0640: Performed a nesting bird survey in work area.
0655: Cleared crew to begin weeding and monitored weeding in DG-4 WOUS and DG-4 in the "islands" area. Two crew members on weed whackers targeting small Conium seedlings; rest of crew using hand tools and weeding by hand to target larger individuals and mustard. This allows hand-pulling crew to focus on the big stuff and move much faster.
0945: Islands area is finished. Move crew southwest into DG-4 (near an area that was recently replanted) after a nesting bird survey. Two crew on weed whackers, the rest on hand pulling as described above. Some crew remain at the first site to clean up.
1200: Crew finishing up site two. Performed a nesting bird survey at a third location, DG-4 and DG-4 sheetflow.
1210: Monitored weeding. Crew worked from top of hill near tree of heaven patch down towards the sheetflow area. All work was handpulling; several crew members remained behind to clean up at the first two sites.
1415: Crew wraps up for day.

Additional Comments
Noting that spotted towhees (SPTO) are more numerous this year than the last two. I felt that there had been a substantial and noticeable drop in SPTO numbers during the 2022 & 2023 nesting seasons, now they are once again one of the most numerous birds on the site.

Signature

photo_1-20240209-pre_weeding_facingSouth.jpg
-118.17393834444445 34.191351749999995

photo_2-20240209-post_weeding_facingSouth.jpg
-118.17392211111111 34.191346930555554

photo_3-20240209-pre_weeding_facingWest.jpg
-118.17405502777778 34.19150797222222

photo_4-20240209-Post_weeding_facingWest.jpg
-118.17404760277778 34.19150191666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: February 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	50 %
End of Day	14:30	63 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, vegetation clearing.
2. Hula hoes, tarps, gloves.
3. Natures Image -Lead plus nine staff.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SPTO, CATH, BEWR, SOSP, NOFL, CALT, NUWO, ANHU, CASJ, AMCR, OATI, AMRO, TRES, WCSP, RCPA, LEGO, CEDW, BARS, bobcat.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived at the site, review the day's plan.
0645: Start surveying area crew would like to work in.
0730: Area cleared, no nest, nest gathering or breeding behavior observed.
0740: Crew begins vegetation removal.
0820: Bobcat runs behind area crew is working in. Bobcat not observed in area after 20 minutes, crew continues to work on vegetation removal.
1430: Crew wraps up for the day, collects tarps, disposes of green waste.

Additional Comments
N/A

Signature

photo_1-20240212-DG4_before-facingSouth.jpg
-118.17534455555555 34.19186227777777

photo_2-20240212-DG4_after-facingSouth.jpg
-118.17531815833334 34.191891722222216

photo_3-20240212-DG4-before_facingWest.jpg
-118.17552191666667 34.191700455555555

photo_4-20240212-DG4-after_facingWest.jpg
-118.17550948611111 34.19171222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	4-6 MPH	0 %
End of Day	14:45	63 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal along the north end of DG-2 and Johnson Field.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus Juan (crew lead).

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

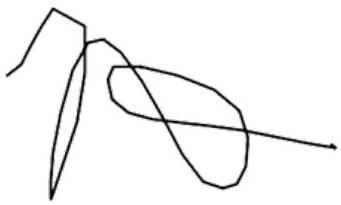
List of species observed while monitoring:
Birds: Bewick's wren, American kestrel, European starling, Acorn woodpecker, American crow, Ruby-crowned kinglet, White-crowned sparrow, Mallard, Yellow-rumped warbler, California towhee, Nothern mockingbird, Killdeer, Wrentit, Mountain quail, Spotted towhee, Canada goose, Cooper's hawk, Northern flicker, Black phoebe, Hooded merganser, Bufflehead, American wigeon, California thrasher, Anna's hummingbird, Ruddy duck, Allen's hummingbird, Common raven, House finch, Orange-crowned warbler, Purple finch, Lesser goldfinch, Red-tailed hawk, California scrub jay, Bushtit, Blue-grey gnatcatcher, Nuttall's woodpecker, Oak titmouse, Townsend's warbler, Rufous hummingbird,
Mammals: Pocket gopher sp., Beechey ground squirrel
Herps: Pacific tree frog, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived and began working.
0800: Biologist walked edge of the slope to assess potential risks for crew.
0845: Crew broke for break.
1000: Crew shifted efforts into Johnson Field.
1145: Crew broke for lunch.
1245: Pacific treefrog was heard vocalizing in Johnson Field; possibly blown into the site from the recent storm.
1315: Discovered an Anna's hummingbird nest in early building stage along the trail adjacent to DG-2.

Additional Comments
N/A

Signature



Slope_erosion_from_recent_rains.jpg
-118.17231285277778 34.19208169444444

Anna’s_hummingbird_nest_early_building_stage.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	15 %
End of Day	15:00	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEDW, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU.
Reptiles: NA
Mammals: California ground squirrel, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1450: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-2_facingNorthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	0 %
End of Day	13:45	65 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Two crews, Genero and Avidal are Natures Image (NI) foreman. Margarito, Ricki, Alfonso, Matt, Carlos, Linda, Ceasar, Charlie

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
AMRO, NUWO, SPTO, BUSH, CSJA, MODO, ECDO, WBNU, YRWA, AMCR, WREN, OATI, BEWR, SOSP, CATH, CALT, NOFL, LISP, CAQU, LEGO, CEDW, OCWA, WEBL, COYE, HOFI, WCSP, RCKI, ALHU, ANHU, ACWO, Baja California treefrog.
In Reservoir: MALL, CANG, BUFF, AMWI. Had 2 early migrants NAWA and WIWA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Talked with Genaro who sent me to sheetflow restoration DG-4A area. Performed a nesting bird survey. No nesting activity noted throughout the day in this area, but lots of singing. Crew of nine stayed here all day and continued south and west making great progress. Plantings look good. Mostly poison hemlock pulled. Mid-morning, walked to southern part of site to inspect flooding. Southern restoration through mature forest in south is inundated but receding. Many small plantings dusted with sediment; this may impede photosynthesis. But another storm is predicted. Ducks swimming around through forest. Saw an early migrant Nashville warbler and a Wilson's warbler. Treefrogs calling and side-blotched lizards warming up on logs.

Additional Comments
Reservoir is pretty high with some room towards the creek mouth for next week's storm system, there are workers removing some of the debris around the outlet.

Signature

Pre-weed_channel_DG4A_facing_west.jpg
-118.17549802777778 34.191723027777776

Weeding_area_facing_Northeast.jpg
-118.17597865 34.19164394444444

Post-weeding_western_edge_facingEast.jpg
-118.17598452777779 34.19161058333333

Weeding_area_post_facingNortheast.jpg
-118.17563280555557 34.19160362777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	95 %
End of Day	15:05	65 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA
Reptiles: NA
Mammals: California ground squirrel, Coyote
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0910: Crew continues invasive species removal in DG-2.
1100: Crew breaks for lunch.
1130: Crew continues invasive species removal in DG-2.
1400: Crew takes a break.
1410: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-2_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	90 %
End of Day	13:40	73 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of mostly nonnative poison hemlock and mustards by five Nature's Image crew members using hand tools, supervised by Genaro Gomez.

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, ECDO, MODO, CAKI, WBNU, NOMO, AMRO, NUWO, RCPA, BUSH, OATI, SPTO, CALT, CAQU, ACWO, CEDW, SOSP, hummingbird species, WREN, CATH, BEWR, RCKI, CASJ, LEGO, YRWA, numerous CANG, WCSP, eastern fox squirrel, big-eared woodrat nest, WEBL, BLPH, LESC, MALL, AMWI, RNDU, RUDU, BUFF, several NOFL, COYE, HOFI, BGGN, CORA, ANHU, COHA, California ground squirrel, Western fence lizard, GCSP?, RTHA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0659: Preparation.
0700-0729: Checked DG-4A Sheetflow for nests and special status species. Looked for suspected hummingbird nest based on Anna's hummingbird and Allen's hummingbird carrying nesting material in January 2024 (refer to Field Maps record for this area). Nothing found.
0731-1325: Weeding proceeds.
0735-0805: Did additional checking for nests under poison hemlock at Sheetflow.
0815-0840: Visited area southwest of Boulders. Saw 8-inch-deep water at southwesterly end of low area bordering on southeasterly Primrose.
0914-1006: Conducted additional nest checks at the edge of the Sheetflow site.
1012-1130: Scouted Primrose, found substantial pooled water up to 1-foot deep in lower area at southeast Primrose. Also found 15-inch-diameter twig nest (UNKN_1 in Field Maps) in fork of bare willow about 16 feet up in central Primrose. Not known if active because no relevant nesting behavior seen nearby.
Note: At Sheetflow site in photos 1 and 2, California poppy starts from seeds were found, so weeding was moved southwest up knoll (toward public trail) and wasn't shown in any photos. Therefore, the photographed area weeded does not look complete.
1340: Log done.

Additional Comments
N/A

Signature

photo_1-20240214-DG-4A_Sheetflow-lookingSouthSoutheast-before.jpg
-118.17606666666667 34.19154666666666

photo_2-20240214-DG-4A_Sheetflow-lookingSouthSoutheast-after.jpg
-118.17599666666668 34.191539999999996

photo_3-20240214-DG-4A_Sheetflow_fartherNorthwest-lookingSoutheast-before.jpg
-118.17608833333334 34.191835

photo_4-20240214-DG-4A-Sheetflow-fartherNorthwest_lookingSoutheast-after.jpg
-118.17601833333333 34.191804999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	10 %
End of Day	13:30	63 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of six weeding in DG-4C and DG-4B trail edge.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
EUCD, RCPA, AMCR, ACWO, WEBL, NOFL, CAQU, WCSP, SPTO, CATH, CASJ, ANHU, AGOL, NUWO, HOFI, BUSH, SOSP, WREN, BEWR, CALT, YRWA, MODO, LEGO, AMRO, OCWA, CANG, BGGN, California ground squirrel, RTHA, RCKI, BLPH, MALL, OATI, WBNU, western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with the crew.
0700: Pre-construction bird survey.
0730: Monitor weeding crew.
0945: Checked on reservoir water levels at primrose and southernmost clearing. Recently planted areas are not flooded.
1330: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240215-DG-4C_before_weeding_facingSouth.jpg
-118.17395627777778 34.19411415

photo_2-20240215-DG-4C_before_weeding_facingSouth.jpg
-118.17460680555556 34.19346518333333

photo_3-20240215-DG-4C_after_weeding_facingSouth.jpg
-118.17399194444445 34.194142138888886

photo_4-20240215-DG-4C_after_weeding_facingSouth.jpg
-118.17459194444444 34.19345791666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: February 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	20 %
End of Day	15:07	65 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Heavy duty trash bags (3), hoes (7), hula hoes (3).
3. Gothic landscape crew of ten with Juan 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, WREN, AMCR, WCSP, YRWA, SOSP, BLPH, BEWR, CORA, HOFI, MALL, CANG, KILL, RCPA, LESC, NOMO, CASJ, ALHU, AMWI, WEBL, AMCO, HOME, BUFF, RNDU, CANV, NOFL, SPTO, BTPI, ANHU, RCKI, ACWO, COHA, RTHA, CATH, BUSH, WTSW, LEGO, COHA, EUST, HUVI, AMKE, WBNU, OATI, NOHA, BGGN, TUVU
Mammals: Coyote, Desert cottontail, Fox squirrel, California ground squirrel
Reptiles: Western fence lizard, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to DG-2 for invasive species removal working their way south.
0700: Biologist monitors site for any wildlife activity.
0835: Non-natives removed consist of poison hemlock, hairy bittercress, and non-native grass species.
0900: Crew takes break.
0910: Crew heads back to work area in DG-2.
1100: Crew takes lunch.
1130: Crew returns to DG-2 for invasive species removal.
1215: Vegetation removed consists mainly of poison hemlock.
1400: Crew takes break.
1410: Crew returns to work.
1445: Crew heads out of restoration site to return tools to truck and take removed vegetation to dumpster.
1457: Crew puts removed vegetation in dumpster.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingEast.jpg
-118.17292251944446 34.1886332

DG2_prevegetation_removal_facingEast.jpg
-118.17289078888889 34.18855938055555

DG2_post_vegetation_removal_facingEast.jpg
-118.17295386111111 34.1884343

DG_2_vegetation_removed_facingWest.jpg
-118.17286025 34.18827141111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	30 %
End of Day	14:30	65 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures image crew of five weeding with hand tools in DG-4, 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:
MODO, AMRO, BEWR, CASJ, OATI, BUSH, CAKI, ECDO, CALT, CEDW, SPTO, AMCR, ANHU, ACWO, CATH, WCSP, WREN, PUFI, NUWO, CANG, CORA, YRWA, LEGO, RNDU, BUFF, AMCO, RUDU, GREG, CANV, domestic mallard, BLPH, NOFL, HOFI, CAQU, LISP, ROPI, RCKI, RCPA, OCWA, SOSP, ALHU, CAVI, TOWA, WTSW, AMWI, RTHA, HUVI, COHA, TUVU, DEJU, Desert cottontail, Western fence lizard, Baja California chorus frog, WEBL, EUST, NOMO, WBNU, California ground squirrel, BGGN, RSHA, COYE.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Tailboard meeting with crew foreman.
0635: Surveyed work area, DG-4 and DG-4B against the trail near the parking lot.
0646: Cleared crew to work, monitored weeding in their area. Crew was just south and east of the container/staging area primarily focused on poison hemlock and mustard in the immediate vicinity (first 30 feet) of the trail. Very high bird activity but no nesting behavior observed.
1415: Crew starts cleanup for the day, inspected site and left.

Additional Comments
N/A

Signature

photo_1-20240216-pre_weeding_facingEast.jpg
-118.17512744444446 34.1919665

photo_2-20240216-post_weeding_facingEast.jpg
-118.17511794444445 34.19196701111111

photo_3-20240216-pre_weeding_facingWest.jpg
-118.17539637222222 34.191951427777774

photo_4-20240216-post_weeding_facingWest.jpg
-118.17541111111112 34.19195383333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: February 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	40 %
End of Day	15:00	67 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Heavy duty bags (3), hoes (6), hula hoes (4), and hand pulling.
3. Gothic landscape crew of 10 plus Juan 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: CASJ, SOSP, ACWO, EUST, YRWA, NOFL, CALT, AMCR, RTHA, CORA, WREN, LEGO, WCSP, BEWR, WEBL, RCPA, BUSH, RCKI, COHA, KILL, CANG, MALL, GREG, BLPH, RUDU, BUFF, CANV, WODU, LESC, AMCO, RNDU, ALHU, PUFI, RSHA, HUVI
Mammals: Coyote
Amphibian: Western toad
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew grabs tools from truck and head to the south end of DG-2 working their way north.
0700: Biologist monitors site for any wildlife activity.
0845: Non-natives removed consist of poison hemlock, hairy bittercress, and non-native grasses.
0900: Crew takes break.
0910: Crew returns to work area.
1100: Crew takes lunch.
1130: Crew returns to work in DG-2 along walking path and slope.
1215: Crew moves away from trail targeting the island of DG-2 inbetween DG-2 WOUS and DG-2 new channels.
1400: Crew takes break.
1410: Crew returns to work in DG-2.
1445: Crew puts away tools and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG2_pre_vegetation_removal_facingNorth.jpg
-118.17254041666668 34.18902605555555

DG2_post_vegetation_removal_facingNorth.jpg
-118.17254231944445 34.18906219444444

DG2_vegetation_removed.jpg
-118.17224763055556 34.18947925

Nonnatives_removed.jpg
-118.17208073055556 34.19007669444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	10 %
End of Day	14:45	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures image crew of 14 weeding 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:
AMRO, CORA, BUSH, NUWO, CEDW, YRWA, RCPA, OATI, MODO, CAKI, WBNU, WEBL, ACWO, WREN, NOFL, CALT, SPTO, CATH, OCWA, BGGN, CAQU, RBME, NOMO, HOFI, ANHU, BEWR, CASJ, AMCR, RNDU, AMWI, BUFF, CANG, AMCO, MALL, CANV, ECDO, ROPI, HOWR, WCSP, WEME, NRWS, CITE, EAGR, KILL, PUFI, BLPH, RUDU, COYE, SOSP, RCKI, NOSH, EUST, LEGO, DEJU, ALHU, TOWA, RTHA, RSHA, PTWH (pin-tailed whydah, lone female), HUVI (60), western toad, COHA, AMKE, Neotoma sp., western fence lizard, Baja CA tree frog, ca ground squirrel, common side blotched lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrive on site. Evidence of mild precipitation on site last night. Tailboard with crew, survey DG-4 in the far north of the site near the lone peruvian pepper tree. 0645: no nests; clear crew to work. Brief tailboard with whole crew on plant ID and toad avoidance. 0930: surveyed lower areas of site for flooding. Noted that newly installed plants look ok. 1000: Observed a female pin-tailed whydah (an invasive nest parasite) while en route back to crew; individual was located in an oak tree just south of the baseball field. 1030: advised crew to avoid beehive documented near work area. Crew continued to push North. 1430: crew begins wrapping up for the day, inspected site and left.

Additional Comments
N/A

Signature

photo_1-20240221-pre_work_facingN.jpg
-118.17246445833334 34.19367806666666

photo_2-20240221-post_work_facingN.jpg
-118.17247673333334 34.193661138888885

photo_3-20240221-northern_edge_of_weeded_area_facingS.jpg
-118.1724376388889 34.193889111111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	75 %
End of Day	15:00	58 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal along the north end of DG-2 and south end of DG-1.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

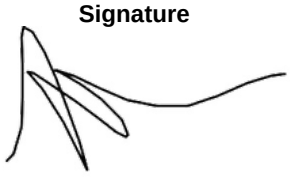
List of species observed while monitoring:
Birds: California towhee, California scrub jay, European starling, Song sparrow, Common raven, Nuttall's woodpecker, American crow, Yellow-rumped warbler, Bewick's wren, Northern flicker, Canada goose, Black phoebe, Bufflehead, American wigeon, Killdeer, Ring-necked duck, Cinnamon teal, Western bluebird, Northern rough-winged swallow, Eared grebe, American coot, Ruddy duck, Ruby-crowned kinglet, Cooper's hawk, California thrasher, White-crowned sparrow, Anna's hummingbird, Wrentit, Red-tailed hawk, Cassin's kingbird, Allen's hummingbird
Mammals: Beechey ground squirrel
Herps: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0830: Observed the European starling (EUST) pair hanging out by the sycamore adjacent of the parking area bringing nesting material into one of the cavities; nest marked.
0900: Crew broke for break.
1100: Crew broke for lunch.
1500: Work concluded, and biologist departed site.

Additional Comments
Eared grebe was in non-breeding plumage; determined to likely be Eared over Horned due to relatively small neck and head in relation to the body, and absence of white tip on bill. EUST usage of sycamore cavities appears to have negatively impacted use by native acorn woodpecker (ACWO) for feeding/granary purposes. Previous years no EUST were noted and an abundance of ACWO.

Signature



Crew_weeding_along_the_North_end_DG2.jpg
-118.17130623611112 34.19295673888889

Crew_weeding_along_the_North_end_DG2(2).jpg
-118.17107677777778 34.193420555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	10 %
End of Day	15:00	69 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST
Reptiles: Western fence lizard, Side-blotched lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0910: Crew continues invasive species removal in DG-1.
1100: Crew breaks for lunch.
1130: Crew continues invasive species removal in DG-1.
1400: Crew takes a break.
1410: Crew continues invasive species removal in DG-1.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-1_facingNorthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	5 %
End of Day	13:30	75 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants by six Nature's Image crew members using hand tools, supervised by Genaro Gomez. Mostly poison hemlock and mustards are being 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:
AMCR, CAKI calling, RCPA, BEWR singing, YRWA, WCSP, SPTO singing, WEBL, NUWO calling, SOSP singing, RCKI, OATI singing and calling, CATH singing, CALT calling, MODO, ACWO calling, CASJ, BUSH, CANG vocalizing, California ground squirrel vocalizing, ANHU, AMRO, Eastern fox squirrel, HUVI, OCWA calling and singing, LEGO, DEJU singing, NOFL calling, CAQU calling, ECDO, pair of RTHA, BLPH, HOFI, RSHA calling, several CORA flying, WREN singing, Cabbage white, Botta's pocket gopher, MALL, juvenile COHA, Gulf fritillary, Western fence lizard, EUST, several RUDU, AMWI, BUFF, KILL, RBNU calling, WBNU.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645-0704: Preparation.
0705-0728: Checked DG-4A Sheetflow to Primrose along public perimeter trail for nests and special status species.
0730-1315: Weeding proceeds. Besides southern Sheetflow, the northern extremity of Primrose was weeded (sorry, no photos). A lot of deep, ponded water was noticed in the low area between Primrose and bridge over creek. Reservoir water has breached Flint Wash area.
1330: Log done.

Additional Comments
Rained 2-5 days ago; ground mildly muddy.

Signature

photo_1-20240222-DG-4A_Sheetflow_West_edge-lookingWest-at_15_minutes.jpg
-118.17633000000001 34.191431666666666

photo_2-20240222-DG-4A_Sheetflow_West_edge-lookingWest-after.jpg
-118.17633000000001 34.191385

photo_3-20240222-DG-4A_southern_Sheetflow_West_edge-lookingWest-at_30_minutes.jpg
-118.17654833333334 34.191185

photo_4-20240222-DG-4A_southern_Sheetflow_West_edge-lookingWest-after.jpg
-118.17655166666667 34.191181666666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	4-6 MPH	50 %
End of Day	14:15	70 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 10 weeding in DG-4 and DG-4A primrose trail, tire wash, and DG-4 around sheetflow.

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, AMRO, YRWA, CAKI, WBNU, ACWO, BUSH, CALT, CASJ, Desert cottontail, BGGN, ANHU, SPTO, NOFL, BEWR, SOSP, OATI, CANG, RCPA, RCKI, OCWA, NUWO, LEGO, CATH, RTHA, MODO, RSHA, California ground squirrel, CAQU, Woodrat sp., Western fence lizard, WREN, Botta's pocket gopher, WEBL

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0645: Pre-construction bird survey in primrose.
0720: Monitor weeding crew in primrose.
0810: Pre-construction bird survey in tire wash.
0830: Monitor weeding crew in tire wash.
1000: Pre-construction bird survey in sheetflow.
1020: Monitor weeding crew in sheetflow.
1025: Observed two adult mourning doves with two fledglings following them and feeding. The fledglings probably hatched a couple weeks ago but no nest was found.
1335: Observed a red-tailed hawk (RTHA) carrying nesting materials toward the RTHA_01 nest.
1415: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240223-DG-4A_before_weeding_facingEast.jpg
-118.17709676111112 34.19066268611111

photo_2-20240223-DG-4A_before_weeding_facingSouth.jpg
-118.17711125000001 34.190385111111105

photo_3-20240223-DG-4A_after_weeding_facingEast.jpg
-118.17706686111111 34.19066950833333

photo_4-20240223-DG-4A_after_weeding_facingSouth.jpg
-118.17711502777779 34.190375341666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	10 %
End of Day	14:45	70 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal along the northeastern edge of Jonhson Field.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

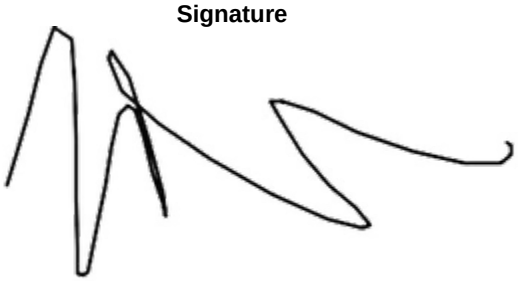
List of species observed while monitoring:
Birds: Bushtit, Yellow-rumped warbler, Red-crowned parrot, California scrub jay, European starling, Acorn woodpecker, Northern flicker, California towhee, White-crowned sparrow, Black phoebe, Red-tailed hawk, Common raven, Ruby-crowned kinglet, Mallard, Bufflehead, Ring-necked duck, Eared grebe, American wigeon, Canvasback, Killdeer, Anna's hummingbird, California thrasher, Allen's hummingbird, Double-crested cormorant, Cassin's kingbird, Red-shouldered hawk, Spotted towhee, Northern rough-winged swallow, Lesser goldfinch, Bewick's wren, Song sparrow, Orange-crowned warbler, California quail, Band-tailed pigeon, Turkey vulture, White-throated swift, Northern mockingbird, Cedar waxwing, Nuttall's woodpecker, Purple finch, Cooper's hawk, Wrentit
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Western toad, Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0900: Crew broke for break.
1000: Confirmed status of previously documented Anna's hummingbird nest.
1130: Crew broke for lunch.

Additional Comments

Signature



ANHU_incubating.jpg

Canvasback.jpg

Crew_weeding_East_edge_Johnson_Field.jpg
-118.17114381111112 34.19103413888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: February 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	70 %
End of Day	14:45	60 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing.
2. Hula hoes, shovel, tarps, hand gloves.
3. 14 staff + lead from 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:
CASJ, MODO, BUSH, ANHU, ACWO, SPTO, AMCR, NOFL, RCPA, CANG, SOSP, CEDW, BEWR, CALT, WCSP, HOFI, TUVU, CAKI, DOWO, RTHA, RCPA, Southern California toad, California ground squirrels, Western fence lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Go over days plan, survey area crew would like to do vegetation clearing.
0700: California scrub-jay gathering nesting material and flew off to the other side of the trail, did not return to gather material for the rest of the day.
0730: Area cleared.
0816: Mourning dove parents feed fledglings, fledglings unbothered by crews distanced presence.
1000: Light drizzle.
1015: Crew continued to work area with vegetation removal.
1400: Sprinkling and rain, crew continues to work in light rain and eventually goes for cover as rain picks up.
1445: Crew begins to wrap up for the day, remove tarps for area, clean up.

Additional Comments
Crew flagged poppy seedlings to ensure they were not accidentally removed when weeding.

Signature

photo_1-20240226-before-DG4-facingSouthwest.jpg
-118.17595262777779 34.19151093333333

photo_2-20240226-DG4-after-facingSouthwest.jpg
-118.17598665277778 34.19170991666666

photo_3-20240226-before-DG4-facingEast.jpg
-118.17599113888889 34.19175525

photo_4-20240226-after-DG4-facingEast.jpg
-118.17595144444445 34.19157345833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	80 %
End of Day	14:15	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants by 11 Nature's Image crew members using hand tools, supervised by Genario Gomez, Balthazar, and Rosario.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
OATI, AMCR, WBNU, MODO, ECDO, AMRO, CAKI, BLPH, NUWO, NOFL, SOSP, WEBL, LEGO, CANG, CASJ, KILL, BUFF, RUDU, SPTO, BGGN, CATH, RCPA, YRWA, CAQU, BEWR, CLSW, ANHU, WREN, WCSP, LESC, MALL, HOFI (including yellow-headed male), CALT, BUSH, California ground squirrel, RCKI, ACWO, CORA, RSHA, TUVU, PUFI singing, COHA (juvenile perched just west of Boulders, later two of unknown age seen in distance flying together over Arroyo Seco), Big-eared woodrat nests, DEJU, RTHA (adult and juvenile on power pole northeast of main parking lot), large western toad.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0657: Preparation.
0701-0719: Checked DG-4A Boulders. Advised Genaro (at his request to check for mud) to avoid east half because still damp from yesterday's rain. West half not too damp. No nests or special status species found.
0727-1400: Weeding proceeds in west half of Boulders.
0902: Saw bushtit in large oak just east of main parking lot with nesting material in beak. Did not see a nest.
0933-0939: Saw male Anna's hummingbird west of Boulders doing arcing courtship display flight several times and perching in small bare tree after each display.
1415: Log done.

Additional Comments
N/A

Signature

photo_1-20240227-DG-4A_Boulders-lookingNorth-at_start.jpg
-118.17525333333334 34.19088333333333

photo_2-20240227-DG-4A_Boulders-lookingNorth-after.jpg
-118.17515 34.190821666666665

photo_3-20240227-DG-4A_Boulders-lookingNorthNorthwest_from_fartherSouth-before.jpg
-118.17516 34.19072499999999

photo_4-20240227-DG-4A_Boulders-lookingNorthwest_from_fartherSouth-after.jpg
-118.17517000000001 34.190711666666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	15 %
End of Day	14:00	76 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants, mostly poison hemlock and mustards, by 11 Nature's Image crew members using hand tools, supervised by Genaro Gomez, Nathan, and Rosario.

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, AMCR, SPTO singing, CATH singing, several NOFL, numerous SOSP singing, CALT singing, ANHU, RCPA, PUFI singing, HOFI, CASJ, COHA (juvenile), LEGO, BUSH, WREN singing, BGGN, YRWA, BLPH singing, WCSP, BEWR, MALL, OATI singing, NUWO, OATI singing, MODO, OCWA singing, KILL, AMCO, RUDU, ECDO, RCKI, CORA, HUVI, Western fence lizard, Eastern fox squirrel, Several WTSW, BUFF, Several CITE, AMWI, NRWS, TOWA, DEJU, Gulf Fritillary, CAKI, California ground squirrel, RSHA, WEBL, WBNU, Red Admiral, CLSW, SAPH, Cabbage white, Cloudless sulphur, ALHU, Ladybug species, Pair of adult RTHA circling.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645-0702: Preparation.
0703-0713: Checked DG-4A Boulders for nests and special status species. None found.
0715-1400: Weeding proceeds.
0751-0808: Checked area southwest of Boulders.
0808-0820: Checked ponded water just north of dam for water fowl from SW of Boulders.
0920: Observed Bewick's wren (BEWR) with nesting material (north of bridge over creek, see Field Maps). Need to monitor.
0925: Saw pair of common ravens at bridge over creek, one carrying fluffy nesting material. The pair flew southeast.
0932-0955: Visited dam overlook to get a closer look at ducks, swifts, and swallows there. On way there, noticed that ponded water at Flint Wash and southern Primrose had dried up.
1015-1022: Made Field Maps record regarding BEWR seen earlier with nesting material.
1040: Returned to Boulders.
1215: Raul visited.
1400: Log done.

Additional Comments
N/A

Signature

photo_1-20240228-DG-4A_Boulders-lookingNorthwest-at_start.jpg
-118.17495166666667 34.190796666666664

photo_2-20240228-DG-4A_Boulders-lookingNorthwest-after.jpg
-118.17490166666667 34.190715

photo_3-20240228-DG-4A_Boulders-lookingWestSouthwest-at_start.jpg
-118.17499333333333 34.19083166666666

photo_4-20240228-DG-4A_Boulders_Wside-lookingNorthNorthwest-after.jpg
-118.17517333333333 34.19050833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:00	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 10 weeding in DG-4 east of sheetflow

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, MODO, NOFL, CALT, SPTO, AMCR, RCPA, YRWA, WREN, EUCD, CATH, SOSP, NUWO, BEWR, CAQU, ANHU, Woodrat sp., CORA, WEBL, LEGO, Western fence lizard, DEJU, WCSP, OATI, WBNU, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0640: Pre-construction bird survey.
0705: Monitor weeding crew.
1400: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240229-DG-4_before_weeding_facingSouth.jpg
-118.17510686111112 34.191967319444444

photo_2-20240229-DG-4_before_weeding_facingEast.jpg
-118.17499880555556 34.19198441666666

photo_3-20240229-DG-4_after_weeding_facingSouth.jpg
-118.1751114638889 34.19199469444444

photo_4-20240229-DG-4_after_weeding_facingEast.jpg
-118.17502879444444 34.19201536111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	50 %
End of Day	15:30	58 °F	7-9 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image crew of seven weeding 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:
WREN, COYE, PIFI, NOFL, BUSH, SPTO, CALT, BEWR, ANHU, OATI, MODO, AMCR, CASJ, KILL, NRWS, BGGN, CATH, LEGO, BLPH, YRWA, AMRO, RCPA, COHA, ECDO, WEME, HOFI, NOMO, CAKI, CORA, RBNU, SPTO, WCSP, RSHA, WEBL, MALL, RTHA, California ground squirrel, Western toad, Baja California tree frog.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Tailboard with crew.
0645: Surveyed work area. No nests found.
0700: Cleared crew to work. Primary work areas were the east side of boulder (crew of two), and DG-4 phase 1 areas to the immediate south and west of Boulder (crew of five). Primary targets were large poison hemlock individuals and scattered mustard that were in the undergrowth of the planted area.
0759: Found nest CASJ_01. Flagged off, advised crew to avoid.
1415: Crew begins wrapping up, inspected the site.
1430: Took photos of mitigation areas at request of Carly/Josh (ECORP).
1530: Leave site.

Additional Comments
N/A

Signature

photo_1-20240301-pre_weeding_facingEast.jpg
-118.17478129444444 34.19056331388889

photo_2-20240301-post_weeding_facingEast.jpg
-118.17475619444446 34.190601127777775

photo_3-20240301-pre_weeding_facingSouth.jpg
-118.17516616666667 34.19043075833333

photo_4-20240301-post_weeding_facingSouth.jpg
-118.17514998611112 34.190424574999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	10 %
End of Day	14:30	61 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing.
2. Hula hoes, tarps, shovels, hand gloves.
3. Eight Natures Image staff plus field 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:
CASJ, BUSH, CAQU, ACWO, RTHA, SPTO, CALT, AMCR, AMRO, CATH, RCPA, NOMO, CORA, CANG, BEWR, SOSP, BARS, NOFL, HOFI, WCSP, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Go over todays plan (original plan changed due to soil moisture in first area).
0645: Survey area crew plans to work in today. California scrub-jay (CASJ) collecting nesting material. Followed for 30 plus minutes however no actual nest building.
0800: Area cleared for crew to work, begin weed removal.
0930: CASJ's continue to fly in and out of area undisturbed, collecting what looks like nest materials but again no actual nest building. The crew moves from current area slightly south to give birds space.
1300: Lots of dogs barking intermittently throughout the day.
1430: Crew begins to wrap up for the day.

Additional Comments
Fourth after photo taken at a different location further down south from before photo three due to CASJ collecting what looked like nest material in before photo therefore asking the crew to move. Confirmed CASJ did not build nest as I continued to monitor it throughout the shift and it remained undisturbed by crew working in area.

Signature

photo_1-20240304-before-facingEast-DG-4.jpg
-118.17273200000001 34.19424077777777

photo_2-20240304-after-facingEast-DG-4.jpg
-118.17265144444445 34.19418098611111

photo_3-20240304-before-facingEast-DG-4.jpg
-118.17272422222223 34.194224444444444

photo_4-20240304-after-facingEast-DG-4.jpg
-118.17265743333334 34.19423223333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	5 %
End of Day	13:30	65 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image (NI) Genero

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
CEDW, BUSH (at least one large group still nonnesting), SOSP, AMCR, RCKI, CATH, RCPA, BEWR, TUVU, AMRO, OATI, CSJA, YRWA, SPTO, CALT, AGOL, CAQU, NOFL, PUFI, HOFI, CORA, BGGN, LEGO, NUWO, RSHA, CORA, WCSP, COHA, CANG, KILL, SBMU, BLPH, TUVU, WREN. Bobcat tracks, solo coyote in reservoir. ANHU, ALHU, many ladybugs. RTHA pair. HETH, ACWO, MODO, WEBL, fence and side-blotched lizards out with the sun.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Genero and I drive to northeast portion of restoration that is upland sage, mulefat, willow. Not many nonnative in the gravelly soil, so we move to "dirtpile",probably the highest elevation on site. The plantings look great, robust with blooming mulefat, willow, solanum Photo 2. Small native herbs are mixed with invasives (Photo 3) so we move to an area filled with hemlock for weeding Photo 2. No nesting activity is seen in this area.
0830: Walked south. Some tall primrose blooming. Reservoir empty of obvious waterfowl. California gnatcatcher gone by 0900. Lots of flow in creek feeding reservoir. Perfect conditions for weeding on the north/central property. Damp and solid, not muddy, as I walk south through the site DG4-WOUS and connections. Coopers Hawk in snag in WOUS together. female is immature, male adult. At lunch, documented bushtit (BUSH) BUSH_02 and Bewick's wren (BEWR) BEWR_01 nests east of the parking lot in the public area. Inundation starting at southeast primrose.
1300: Crew wraps up for the day.

Additional Comments
Coyote walks down to the reservoir to get a drink and give the Canada geese a good morning! They are nervous and swim towards deeper water. The Coyote moves upstream which is flowing mightily. Disappears into the east restoration.

Signature

Photo1PRE-Weed_dirtpile_poison_hemlock_lookingWest.jpg
-118.17226974166667 34.19323622222222

Photo2Vigorous_growth_and_blooms_dirtpile.jpg
-118.17231316666667 34.193240777777774

ExPhoto3Eample_of_native_nonnative_herbs_dirtpile.jpg
-118.17225909722222 34.19338893055555

Post_weed_dirtpile_DG4A_Looking_west.jpg
-118.1723243888889 34.193214499999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: March 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	40 %
End of Day	13:00	56 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of seven weeding in DG-4 California sage scrub.

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, SOSP, CASJ, AMCR, CANG, YRWA, BUSH, HOFI, RCPA, CALT, BEWR, ANHU, PUFI, WREN, AMRO, BGGN, Desert cottontail, Western toad, EUST, EUCD, WCSP, RSHA, KILL, LEGO, ACWO, CATH, AGOL, NUWO, NOFL, California ground squirrel, WEBL, DEJU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with crew.
0645: Pre-construction bird survey.
0715: Monitor weeding crew.
1300: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240306-DG-4_before_weeding_facingEast.jpg
-118.17255261111112 34.19423366666666

photo_2-20240306-DG-4_before_weeding_facingEast.jpg
-118.17255855555555 34.19402013888889

photo_3-20240306-DG-4_after_weeding_facingEast.jpg
-118.17259122222222 34.1942105

photo_4-20240306-DG-4_after_weeding_facingEast.jpg
-118.17258565 34.19402508333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	14:40	61 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants by 11 Nature's Image crew members using hand tools, supervised by Genaro Gomez and Alberto.

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, ECDO, SOSP, CAQU, AMCR, OATI, WCSP, NUWO, BEWR, SPTO, HOFI, CANG, several CASJ, NRWS, RCPA, LEGO, NOFL, CATH, WEBL, CALT, RCKI, ACWO, brush rabbit, PUFI singing, BUSH, YRWA, numerous CORA, ANHU, ALHU, BLPH, California ground squirrel, NOMO, WBNU, AMRO, CAKI, EUST, Small flock of VGSW, Three RTHA circling (adults), Western toad (medium-sized), Painted Lady, Western fence lizard, Milkweed beetle, Big-eared woodrat nest under laurel sumac shrub, COHA (juvenile) in flight (later an adult calling from a power pole, and at1440, a pair seen in Mining Pit), MALL, *Pseudognaphalium californica* blooming, *Acmispon glaber* var. *glaber*. blooming, TUVU, BGGN, *Ceanothus crassifolius* blooming, Arroyo willows (*Salix lasiolepis*) leafing out and flowering, *Baccharis salicifolia* flowering, *Marah fabacea* flowering, Bramble Hairstreak, Mourning Cloak.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0656: Preparation.
0656-0723: Checked DG-4A northwest of Dirtpile (mostly Californa sagebrush and California buckwheat) for nests and special status species. None found.
0728-1415: Weeding proceeds, mostly of nonnative mustards.
0748: Saw a few female California quail fly east out of shrubs from just north of work area, so continued checking under shrubs for nests until 0820. None found.
0905-1255: Scouted northern extremities of restoration site, intermitently coming back to today's weeding site to monitor.
1255: Returned full-time to today's weeding site.
1440: Log done.

Additional Comments
Rained the day before.

Signature

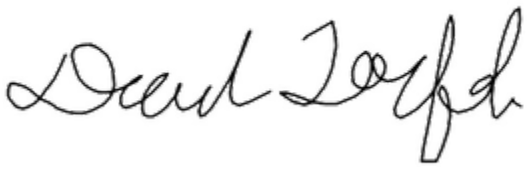


photo_1-20240307-DG-4A_Northwest_of_Dirtpile-lookingSouthwest-before.jpg
-118.17244500000001 34.19461166666667

photo_2-20240307-DG-4A_Northwest_of_Dirtpile-lookingSouthwest-after.jpg
-118.17248500000001 34.19461833333333

photo_3-20240307-DG-4A_just_Southeast_of_Photo1-lookingNorth-after.jpg
-118.17265 34.19416

photo_4-20240307-DG-4A_just_South_of_Photo1-lookingNorthwest-after.jpg
-118.172725 34.19421

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	14:30	65 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of 11 in 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:
SPTO, BUSH, WCSP, CAKI, SOSP, BEWR, PUFI, WREN, CASJ, AMRO, AMCR, CAQU, GRRO, RCPA, HOFI, AGOL, COHA, CATH, ANHU, BLPH, NAWA, RUDU, AMWI, BUFF, NOFL, CALT, MODO, ROPI, ECDO, MALL, CLSW, BGGN, WBNU, NRWS, YRWA, RCKI, WEBL, KILL, CANG, NUWO (40), EUST, DEJU, BTPI, LEGO, ACWO, CORA, OCWA, NOMO, Common side-blotched lizard, RTHA, OSPR, California ground squirrel, Desert cottontail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Tailboard with foreman.
0640: Performed a nesting bird survey in the DG-4 WOUS channels.
0700: Cleared crew to work. Focus for day was poison hemlock on the edges of the channels.
0830: Found nest Bewick's wren (BEWR) BEWR_02, implemented a 40-foot no-work buffer.
0930: Found bushtit (BUSH) BUSH_03. Implemented a 35-foot buffer.
1120: Found nest BUSH_04. Implemented a 35-foot buffer.
1150: Found nest Nuttall's woodpecker (NUWO) NUWO_01. Implemented a 30-foot buffer. They showed no signs of distress and the crew had been working very close by, allowing crew to work in buffer with supervision to ensure no behavioral changes.
1415: Crew began wrapping up.

Additional Comments
N/A

Signature

photo_1-20240308-pre_weeding_facingSouth.jpg
-118.17357309444445 34.192334805555554

photo_2-20240308-post_weeding_facingSouth.jpg
-118.17357533333333 34.192321166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	100 %
End of Day	14:37	63 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, vegetation clearing
2. Hula hoes, shovels, tarps, hand gloves
3. Nature's Image eight field staff plus 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:
ANHU, RCPA, CANG, CASJ, CAQU, MODO, MALL, SPTO, CALT, WCSP, AMCR, AMRO, TRES, CATH, NOFL, HOFI, BEWR, SOSP, BUSH, RTHA, Western fence lizards, White cabbage butterfly, Cotton tail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive to site, daylights saving yesterday so it was pitch black upon arrival. Go over today's plan, sunrise at 0708.
0650: Day light coming in, begin to survey area crew would like to work in today.
0730: Area cleared, crew begins vegetation removal. Weeding area was DG-4A in the field just south of boulder (crew calls this area center upper).
0930: Continued to monitor site for any bird or nesting activities.
0230: Crew begins to wrap up for the day and starts to remove tarps from site.

Additional Comments
Since daylight savings was yesterday, the 0630 am start was essentially pitch dark. Sunrise was at 0708 however enough light was out by 0650 to survey. Lots of helicopters circling around the area throughout the day (possible noise disturbance to birds)

Signature

photo_1-20240311-before-facingSouth-DG4.jpg
-118.17534177777779 34.19044241666666

photo_2-20240311-after-facingSouth-DG4.jpg
-118.17538227777779 34.190444038888884

photo_3-20240311-before-facingWest-DG4.jpg
-118.17533744444445 34.19045929166666

photo_4-20240311-after-facingSouth-DG4.jpg
-118.17540887222222 34.19045725833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	60 %
End of Day	13:30	60 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image Genero foreman, Linda,Charlie, Tatiana, Ceasar, Matt.

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, BEWR, CALT, WREN, SOSP, SPTO, MODO, ACWO, CSJA, AMCR, RCPA, NOFL, CANG, CATH, YRWA, HOFI, NUWO, ANHU, AMRO, RNDU, BUFF, RUDU, KILL, DOWO, BTYW, TOWA, HUVI, CAVI, DUFL, OATI, unidentified snake (likely gopher snake).

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive in dark due to daylight savings time. Review area that we are working in today for nests, etc. (Field maps).
0650: Genero and I walk to site, DG-4A Center upper, to continue where the crew left off yesterday. SO MUCH SINGING (dawn chorus). Check on California scrub-jay nest (sticks but unlined) in this area. No jays nearby throughout morning, took photo of empty nest. No activity all day.
0715: Crew arrives, I suggest they start with the shrubby edges before nesting season gets really active. Birds less likely to nest in the newly planted restoration so crew can move inward to avoid more likely nesting areas. Lots of thistle, mustard, and pepperweed. Removed old wasp nest flagging, inactive. The mugwort, baccharis and older stakes of mulefat look particularly good here. Crew is spread out in this area, tackling edges. Clean up at 1300. One crew saw a small, young snake, probably a gopher.

Additional Comments
Documented song sparrow (SOSP) SOSP_01 along public pathway. Bird was taking food into nettles. Needs recheck. I checked 4 of the old wasp nests. None appeared active. Can remove flagging on recheck.

Signature

Pre-weed-lookingSouth.jpg
-118.17543692777778 34.19046930555555

Pre-weed_lookingWest.jpg
-118.1755816 34.19045459444444

Post-weed_lookingWest.jpg
-118.1755135388889 34.19061355555555

Post-weed_lookingSouth.jpg
-118.17539845555557 34.190513305555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: March 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	50 %
End of Day	13:00	65 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's Image crew of seven weeding in DG-4A center upper 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:
AMRO, CAKI, CASJ, AMCR, CORA, SPTO, WREN, SOSP, BEWR, CANG, CALT, NUWO, Desert cottontail, LEGO, NOFL, ANHU, YRWA, BUSH, RCPA, RCKI, CATH, AGOL, BGGN, EUCD, RSHA, ACWO, CAQU, Botta's pocket gopher, WEBL, California ground squirrel, Western fence lizard, KILL, Common side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Prep with the crew.
0650: Pre-construction bird survey.
0720: Monitor weeding crew.
1300: Crew finished weeding, completed daily log.

Additional Comments
N/A

Signature

photo_1-20240313-DG-4A_before_weeding_facingSouth.jpg
-118.17564694444445 34.190489388888885

photo_2-20240313-DG-4A_after_weeding_facingSouth.jpg
-118.17563466666667 34.190532805555556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	7-9 MPH	0 %
End of Day	14:20	63 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Restoration weeding of nonnative plants,mostly mustards and poison hemlock, by 12 Nature's Image crew members using hand tools, supervised by Genaro Gomez and Alberto. Raul present.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
AMRO, SOSP, AMCR, ACWO, YRWA, CALT, SPTO, HOFI, WCSP, BEWR, CAQU, MODO, CORA, CASJ, ECDO, WEBL, DEJU, OATI, BGGN, CLSW, LEGO, NRWS, Californa ground squirrel, BUSH, AGOL, COHA, VGSW, NOFL, CATH, ANHU.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0654: Preparation. Very windy from northeast.
0655-0720: Checked DG-4A far northwest of Dirtpile for nests and special status species. Nothing found.
0726-1300: Weeding proceeds.
1300: Crews retreat to work vehcles to wait out wind, due to up to 14 mph wind speeds and proximity to power lines.
1345: Nature's Image crew member Eduardo said he saw a California scrub-jay (CASJ) carrying nesting material and a nest in an elderberry on his lunch break yesterday and forgot to tell Maddy. It's just southeast of the storage container (see Field Maps).
1350-1410: Monitored suspected CASJ nest site, recorded it in Field Maps, and flagged it. Did not see nest. Observed CASJ activity at/near elderberry and heard CASJ alarm calls nearby.
1410: Winds persisted; crew leaves restoration site for the day.
1420: Log done.

Additional Comments
Several small openings in California sagebrush scrub just west and southwest of photo sites 1-4 were also weeded, comprising an additional 700 square feet or so. These areas were difficult to photograph because of their narrow, confined nature between closely spaced shrubs.

Signature

photo_1-20240314-DG-4A_far_northwest_of_Dirtpile-lookingnorth-before.jpg
-118.17225166666667 34.19456666666667

photo_2-20240314-DG-4A_far_northwest_of_Dirtpile_lookingnorth_after.jpg
-118.172245 34.19461666666666

photo_3-20240314-DG-4A_just_north_of_photo1-lookingsouthwest-before.jpg
-118.17213500000001 34.194786666666666

photo_4-20240314-just_north_of_photo2-lookingsouthwest-after.jpg
-118.17207166666667 34.194714999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	4-6 MPH	15 %
End of Day	14:30	62 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Natures Image crew of 11 weeding DG-4A in the "center upper" clearing.

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, AMRO, BUSH, BEWR, SOSP, SPTO, NUWO, ACWO, AMCR, CANG, MALL, BGGN, RNDU, MALL, ANHU, NOFL, LEGO, CATH, EUST, ANHU, YRWA, MODO, BTPI, CALT, WCSP, CASJ, PUFI, DEJU, WREN, CORA, LISP, WEBL, WTSW, OCWA, KILL, AMWI, RUDU, BUFF, RSHA, BLPH, DOWO, Western fence lizard, Desert cottontail, Fox squirrel, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site, tailboard with crew.
0645: Surveyed work area. No nests found.
0700: Cleared crew to work, work area was center upper field. Primary target was poison hemlock, some *Cirsium vulgare*. Asked crew to prioritize larger weeds and leave small ones that will likely die with no intervention.
0830: Found nest California Kingbird_01.
1200: Found nest California scrub-jay_03.

Additional Comments
N/A

Signature

photo_1-20240315-pre_weeding_facingNorth.jpg
-118.17559769444445 34.19033262222222

photo_2-20240315-post_weeding_facingNorth.jpg
-118.17560802777778 34.190340638888884

photo_3-20240315-pre_weeding_facingSouth.jpg
-118.17567402777779 34.19029662222222

photo_4-20240315-post_weeding_facingSouth.jpg
-118.17568216666668 34.190309388888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: March 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	49 °F	0-3 MPH	0 %
End of Day	14:24	72 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration: Weeding
2. Hand tools
3. 11 workers, Nature's Image, G. Gomez; Mike Walsh from Stillwater

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
NOFL, ACWO, NUWO, CASJ, WCSP, SOSP, CAQU, AMRO, LEGO, EUCD, CATH, Parrot sp., CANG, MALL, SAPH, CALT, MODO, SPTO, BUSH, BGGN, KILL, BEWR, RNDU, AMCR.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Tailboard with foreman.
0640: Performed a nesting bird survey, no nests found.
0700: Cleared crew, monitored weeding in DG-4A. Primary targets were *Rumex crispus* and *Conium maculatum*.
0740: Relocated a Western fence lizard.
0745: Found nest SOSP_02. Implemented a 45-foot buffer.
0830: Crew started break.
0910: Crew returned from break.
1040: Saw SOSP pair with nesting material and adjusted buffer.
1050: Crew stopped for lunch.
1100: A couple of people were walking along main path in mitigation area. They were interested in where I was coming from under the tree tunk, and I informed them it was a restoration area.
1210: Crew returned from lunch.
1230: Relocated Western toad past nest buffer.
1300: Crew that joined us from Perris left for the day.
1315: Crew started final break.
1330: Crew finished break and began cleaning.
1355: Clean up finished and all crew left.

Additional Comments
N/A

Signature

start_of_day_facingSouth.jpg
-118.17580277777778 34.190013888888885

mid_day_progress_facingSouth.jpg
-118.17579777777779 34.19000472222222

end_of_day_facingSouth.jpg
-118.17580583333334 34.190054999999994

end_of_day_facingWest.jpg
-118.17583083333334 34.19006083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	50 °F	0-3 MPH	0 %
End of Day	13:58	71 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (shovels, hoes, etc.)
3. Nature's Image, crew lead 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:
SOSP, AMRO, SPTO, WCSP, YRWA, RCKI, HOWR, CANG, AMCR, ANHU, BEWR, LEGO, ACWO, CASJ, CAQU, MODO, CALT, KILL, HOFI, NOFL, CAKI, RTHA, Western toad, Western fence lizard, California ground squirrel, Desert cottontail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645: Began sweep of work area prior to work commencing.
0655: DG4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact.
1300: Crew begins carrying out weeds in tarps and loading them into the dumpster.
1400: Crew finishes work for the day.

Additional Comments
N/A

Signature

Before_DG4A_facingNorthwest.jpg
-118.17589927777779 34.189962916666666

During_DG4A_facingNorthwest.jpg
-118.17589307222222 34.18994594444444

After__DG4A_facingNorthwest.jpg
-118.17604993055556 34.19000515833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: March 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:27	50 °F	0-3 MPH	0 %
End of Day	13:41	71 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (weed removal)
2. Hand tools (Hoe, Shovels), hand pulling
3. Genaro (foreman), 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:
Western honey bee, Ladybird beetle, Carpenter bee, Cabbage white, Western fence lizard, Western toad, Treefrog sp. (heard) CATH, BEWR, BUSH, CALT, AMCR, SPTO, AMRO, BUSH, CASJ, CANG, WREN, WCSP, SOSP, NOFL, YRWA, HOFI, Amazonia sp., NOFL, KILL, LEGO, EUCO, ACWO, CEWA, CAKI, LEGO, BGGN, BLPH, ALHU, NUWO, ANHU, CAQU, COYE, RCKI, CORA, MODO, WTSW, RSHA, OATI, Desert cotton tail, Domestic dog (heard), California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Checked in with Gernaro.
0645: Conducted pre activity nesting bird survey. No new nests detected. Still trying to confirm suspected song sparrow nest from the previous two days of monitoring.
0700: Crew started working in DG-4A. Two of the crew members are installing irrigation as well. They are removing pepperweed, hemlock, mustard.
0830: Crew took first break. Still working in DG-4A.
0847: Saw song sparrow acting territorial with nesting material and flew southwest in DG-4A.
0915: Crew resumed work in DG-4A. They are still removing weeds by hand.
0953: Observed a Bewick's wren with nesting material and saw it go into a tree cavity and exit with no nesting material. Took point on Field Maps and established a 50ft buffer.
1043: Crew stopped for lunch.
1200: Crew resumed work in DG-4A.
1300: Rechecked on Bewick's wren-01 in DG-4A. Still actively building nest in cavity. Doesn't seem disturbed by current weeding activity.
1330: Crew is finishing up for the day and cleaned up the work area. They are going over to dump everything and then will leave for the day.

Additional Comments
N/A

Signature

DG-4A_northwest.jpg

Crew_working_west.jpg

Crew_finished_for_the_day_west.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: March 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:00	68 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants, repairing irrigation.
2. Hand tools.
3. Nature's Image crew.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

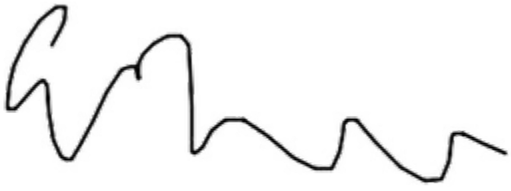
List of species observed while monitoring:
California ground squirrel, Desert cottontail, Side-blotched lizard, Tiger swallowtail, MODO, AMCR, CALT, SOSP, BEWR, WREN, SPTO, CANG, CATH, HOWR, NOMO, NUWO, LEGO, BUSH, RCKI, YRWA, NOFL, OATI, OCWA, CAVI, DOWU, CASJ, RCPA, CORA, ACWO, KILL, WCSP, EUCD, HOFI, CEWA, BLPH, CAQU, WBNU, EUST, AGOL, AMRO, BGGN, SBMU, RUDU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Checked in with Genaro. Started nesting bird sweep in DG-4A.
0710: Finished sweep. No nesting activity observed in area. Crew started work. Monitored bird activity in the area and looked for previously discovered nests.
0830-0900: Crew's morning break.
0900: Crew resumed work. Continued monitoring wildlife activity.
1045-1215: Crew took lunch.
1215: Crew resumed work. Continued monitoring wildlife activity.
1345: Crew finished pulling weeds for the day, started cleaning up.
1400: Left site.

Additional Comments
N/A

Signature



20240321_work_area_before_facingSouth.jpg
-118.17686848611112 34.19079458333333

20240321_work_area_at_lunch_facingSouth.jpg
-118.17683341666667 34.19081594444444

20240321_work_area_end_of_day_facingSouth.jpg
-118.17685894444445 34.19081025833333

20240321_work_area_end_of_day2_facingSouth.jpg
-118.17672480555557 34.19081519444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: March 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	49 °F	0-3 MPH	100 %
End of Day	13:50	68 °F	0-3 MPH	65 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Handtools
3. Natures Image (eight person crew), Genaro Vargas 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:
BEWK, SPTO, SOSP, AMCR, NUWO, MODO, CASJ, CORA, RCPA, DEJU, OATI, CANG, BGGN, RCKI, MALL, LEGO, COYE, YRWA, AMRO, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived onsite.
0635: Genaro Vargas (Natures Image Foreman) takes me to work site for the day.
0645: Surveyed work area.
0700: Deemed work area clear for crew to begin work.
0705: Crew starts weeding efforts.
0825: Crew leaves work area for break.
0900: Crew returns from break.
0949: Relocated Western toad outside of work area.
1036: Crew breaks for lunch.
1200: Crew returns from lunch. Surveyed area again before crew resumed weeding efforts.
1330: Crew starts cleaning up materials.
1338: Crew leaves work area.
1350: Left site.

Additional Comments
N/A

Signature

WorkSite_Before_facingSoutheast.JPG
-118.17694444444444 34.19073611111111

WorkSite_during_facingNortheast.JPG
-118.17673055555557 34.19067222222222

WorkSite_after_facingSoutheast.JPG
-118.17689722222222 34.19070555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: March 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	0 %
End of Day	14:00	63 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing (mitigation area DG-4A).
2. Hand tools, Kubota.
3. Nature's Image, eight total.

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, Cottontail, CASJ, CANG, BEWR, NUWO, ALHU, Amazonia sp., MODO, CAQU, SPTO, CORA, SOSP, NOMO, NOFL, CATH, BUSH, YRWA, BGGN, ACWO, LEGO, EUST, ROPI, ANHU, RCKI, WCSP, Western toad, California ground squirrel, HOFI, RSHA, MALL, CAKI, OATI, Western fence lizard, BAEA (two adult bald eagles flying overhead).

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Cleared area for crew to do weed abatement.
0709: Crew begins using hand tools and pulling weeds by hand. Plants mostly consist of poison hemlock, mustard, and thistle.
0830: Break.
0905: Crew returns.
0935: Relocated a Western toad in the work area.
1045-1200: Lunch.
1211: Resumed work.
1220: Spoke with Genero. Will be ending around 1400 today rather than 1430.
1309: Two bald eagles flying overhead. White head and tail clearly visible.

Additional Comments
N/A

Signature

Pre_vegetation_clearing_facingSouth.jpg

Post_vegetation_clearing_facingSouth_Southeast.jpg

Pre_vegetation_clearing_facingNorthwest.jpg

Post_vegetation_clearing_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	15:00	63 °F	10-12 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal along the north end of DG-2 and Johnson Field.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

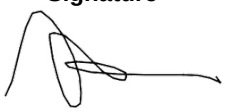
List of species observed while monitoring:
Birds: Oak titmouse, House wren, Canada goose, European starling, California towhee, Yellow-rumped warbler, Red-crowned parrot, Common raven, California scrub-jay, Wrentit, Nuttall's woodpecker, Cooper's hawk, Ruby-crowned kinglet, Bushtit, Anna's hummingbird, Blue-grey gnatcatcher, American crow, Bewick's wren, Song sparrow, Lesser goldfinch, Killdeer, Bufflehead, Ring-necked duck, Killdeer, Spotted towhee, Northern rough-winged swallow, Ruddy duck, California thrasher, Allen's hummingbird, Northern flicker, White-crowned sparrow, California quail, Western bluebird, Mourning dove, Orange-crowned warbler
Mammals: Audubon's cottontail, Pocket gopher, Beechey ground squirrel
Herps: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0715: Checked in on Anna's hummingbird_01.
0735: Checked in on Cooper's hawk_01
0800: Documented major erosion on south end of DG-2.
0900: Checked in on European starling_01 and discovered house wren_01
0930: Crew broke for break.
1200: Crew broke for lunch.

Additional Comments

Signature



Major_erosion_along_trail_South_end_DG2.jpg

Major_erosion_along_trail_South_end_DG2(2).jpg

Crew_weeding_North_end_of_DG2.jpg
-118.17157038055556 34.192152541666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:37	47 °F	0-3 MPH	0 %
End of Day	13:20	63 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement.
2. Hand tools (shovels, hoes, etc.).
3. Nature's Image, crew lead 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:
BEWR, NUWO, HOFI, SOSP, SPTO, BUSH, YRWA, RCKI, HOWR, CANG, AMCR, ANHU, LEGO, ACWO, CASJ, CAQU, MODO, CALT, WCSP, CORA, WEBL, BUFF, RTHA, Western toad, Baja California tree frog, Western fence lizard, California ground squirrel, Wood rat, Western honey bee

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0642: Began sweep of work area prior to work commencing.
0658: DG-4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact. No new nests observed today.
1300: Crew begins to move tarps full of weeds onto the truck. There will be no more weeding for the day.
1320: Depart site.

Additional Comments
N/A

Signature

Before_DG4A_facingSoutheast.jpg
-118.17689788888889 34.189707766666665

During_DG4A_facingSoutheast.jpg
-118.17690287500001 34.18970043333333

DG4A_after_facingSoutheast.jpg
-118.17692296111112 34.18972052777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	75 %
End of Day	15:00	70 °F	4-6 MPH	65 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST.
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
Could not rename photos: Invasive_species_removal_DG-2_facingN Invasive_species_removal_DG-2_facingN

Signature

Invasive_species_removal_DG-2_facingNorth.jpg

Invasive_species_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	30 %
End of Day	15:00	73 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, RCPA, GREG.
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2 and begins work in DG-2B.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2 and DG-2B.
1455: Crew stops work for the day.

Additional Comments
Unable to name first photo: Invasive_species_removal_DG-2_facingN

Signature

Invasive_species_removal_DG-2_facingNorth.jpg

Invasive_species_removal_DG-2B_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: March 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:00	67 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing (non-natives)
2. Hand tools
3. Nature's Image (7)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
OATI, CORA, NUWO, ACWO, SOSP, ANHU, BUSH, WREN, SPTO, BEWR, LEGO, CALT, CASJ, MODO, CANG, Amazonia sp., BGGN, COHA, DCCO, CATH, RSHA, WEBL, EUCD, BUOR, DEJU, HOFI, Western fence lizard, Cottontail, MALL, ALHU, California ground squirrel, Fox squirrel, RCKI, YRWA, NOFL, BLPH

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site for pre sweep ahead of crew. No nesting birds observed.
0717: Crew begins working in DG-4A mitigation area removing primarily poison hemlock, fireweed, and mustard. Observed Western bluebird pair examining holes in metal telephone pole for nest. Not suitable nesting.
0823: Break
0832: Noticed Bewick's wren pair with nesting material off trail. Made point in FieldMaps.
0907: Work resumes.
0938: Observed bushtit with nesting material off trail (other side of trail than work area).
1010: Moved work area slightly north (area was missed previously). Mostly poison hemlock and non-native spurge.
1045-1200: Lunch.
1205: Observed Nuttal's woodpecker cleaning out nest hole in willow branch. Comes back infrequently (so assuming no fledglings or nest yet) but returns enough to indicate nest building.
1318: Break.

Additional Comments
N/A

Signature

Pre_vegetation_removal.jpg

Pre_vegetation_clearing.jpg

Post_vegetation_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	13:35	66 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (shovels, hoes, etc.)
3. Nature's Image, crew of seven, crew lead 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:
COYE, BEWR, NUWO, OATI, SOSP, SPTO, BGGN, BUSH, YRWA, WCSP, RCKI, HOWR, CANG, AMCR, ANHU, LEGO, ACWO, CASJ, LESC, BUFF, MODO, CALT, WEBL, RTHA, CAQU, CORA, Western toad, Western fence lizard, California ground squirrel, Desert cottontail, Western honey bee, Cabbage white

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0635: Began sweep of work area prior to work commencing.
0655: DG4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact.
1215: Observed a pair of blue-gray gnatcatchers nest building ~50 ft up a willow tree in DG4. Established a 30 ft no work buffer and notified Genero and crew.
1310: Crew begins to move tarps full of weeds onto the truck. There will be no more weeding for the day.
1335 Depart site.

Additional Comments
N/A

Signature

Before_DG4A_facingNorth.jpg
-118.17669444444445 34.189547999999995

During_DG4A_facingNorth.jpg
-118.17671508333333 34.18956420833333

After_DG4A_facingNorth.jpg
-118.17672880555556 34.189562269444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	15:00	66 °F	7-9 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal in DG-3A
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: European starling, Acorn woodpecker, American crow, House wren, Yellow-rumped warbler, California towhee, White-crowned sparrow, Northern rough-winged swallow, Canada goose, Northern mockingbird, Lesser goldfinch, California scrub -jay, Killdeer, Great blue heron, Red-crowned parrot, Mallard, Ruddy duck, Eared grebe, House finch, Northern flicker, Song sparrow, Savannah sparrow, Blue-grey gnatcatcher, Bewick's wren, Nuttall's woodpecker, Spotted towhee, Ruby-crowned kinglet, Ring-necked duck, Mourning dove, Red-tailed hawk, Black phoebe, Anna's hummingbird, Cooper's hawk, Turkey vulture, California quail, Oak titmouse, Allen's hummingbird, Wrentit
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Western fence lizard, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0730: Walked west side of site.
0900: Discovered bushtit_06,
1000: Examined crew weeding contents and spoke with crew lead Juan.
1200: Crew broke for lunch.
1300: Walked Johnson Field and DG-2 to determine weed dense areas

Additional Comments

Signature

CrewDG3A.jpg
-118.17324511944445 34.18688434166666

Bushtit_06.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: March 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	50 °F	0-3 MPH	100 %
End of Day	14:05	59 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. one crew (nine people total) plus Juan 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: WREN, CALT, SPTO, SOSP, BEWR, WCSP, CAQU, CORA, AMCR, RCPA, CAGO, RCKI, BUSH, OCWA, ANHU, YRWA, KILL, RNDU, MALL, NRWS, LEGO, CLSW, WEGU, HOFI, RUDU, BUFF, NUWO, DCCO, COHA, BLPH, BTYW, WIWA, AMRO, ACWO, BGGN, MODO, CASJ, OATI, EUST, DOWO, WTSW, HOME, RTHA, CATH, ALHU, TUVU, AGOL
Amphibians: Western toad
Reptiles: Western fence lizard
Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals at the far south end of the site by the south entrance gate.
0900: Crew takes 15-minute break.
0930: Crew continues weed removal along concrete pathway by DG-3A, focusing on pulling nonnative grasses.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal work throughout DG-3A area.
1400: Gothic crew finishes work for the day and demobilzes.

Additional Comments
Multiple bushtit nests and a song Sparrow nest were located; avoidance buffer flagged.

Signature

DG-3A_weedremoval_facingNorthwest.jpg
-118.17356404444445 34.18576740555555

Bushtit_nest_DG-4_facingWest.jpg
-118.17728377777779 34.18723428888889

DG-3A_weed_removal_facingWest.jpg
-118.17353501666668 34.18551814722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: March 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	47 °F	4-6 MPH	50 %
End of Day	13:30	59 °F	7-9 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removal of nonnative plants
2. Hand tools
3. Nature's 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, SPTO, BEWR, COYE, SOSP, AMCR, CANG, LEGO, CALT, HOWR, BUSH, MALL, YRWA, KILL, WCSP, HOFI, ANHU, RTHA, MODO, CASJ, ACWO, BGGN, NUWO, OATI, WEBL, European honeybee, Western toad, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Met with Genaro, walked to work area in DG-4A (34.189349°N 118.176408°W). Started nesting bird sweep.
0700: Cleared area. No nesting activity in the immediate vicinity.
0715: Crew arrived at work area and started weeding. Monitored wildlife activity.
0825-0905: Crew's morning break.
0930: Moved a Western toad out of the work area.
1040-1200: Crew's lunch.
1230: Crew moved to DG-4 area off of trail (34.189697°N 118.177337°W).
1315: Crew finished weeding for the day. Hauled weeds back to trailer. Plan to take a break and then finish up in trailer area. Took end of day photos, checked out with project manager, walked back to parking lot.
1330: Left site.

Additional Comments
N/A

Signature

20240329_workarea1before_facingNorthwest.jpg
-118.17640593333334 34.18932394444444

20240329_workarea1atlunch_facingNorthwest.jpg
-118.17627291666668 34.18925409166666

20240329_workarea2before_facingSouth.jpg
-118.17732844444446 34.18970702777777

20240329_workarea2after_facingSouth.jpg
-118.17734527777779 34.18966823611111

Second Quarter Compliance Report for Activities Occurring Between April 2024 and June 2024 for the Devil's Gate Reservoir Restoration Project

Submitted To:

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August 2024

CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
2.0 COVERED ACTIVITIES 1
2.1 Breeding Season Surveys 1
2.2 Biological Monitoring 2
2.3 Project Construction Activities 4
2.4 Habitat Restoration Activities 4
3.0 SATISFACTION OF ITP CONDITIONS 5
4.0 MITIGATION MONITORING AND REPORTING PROGRAM 5

LIST OF TABLES

Table 1. Second Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel. 2
Table 2. Monitors Onsite During Work Days. 3
Table 3. Devil's Gate Mitigation Monitoring and Reporting Program 6

LIST OF APPENDICES

Appendix A – Least Bell's Vireo Breeding Season Survey Reports
Appendix B - Habitat Restoration Monitoring Logs

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
MM	Mitigation Measure
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 second quarter of 2024 (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 23nd report (Quarterly Compliance Report Number 23) 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, 2024.

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 second quarter of 2024. As such, weekly breeding season focused least Bell's vireo surveys (per ITP Condition 7.3.4) were continued in the second quarter of 2024. A total of thirteen (13) focused breeding season least Bell's vireo surveys were conducted between April 1 and June 30, 2024 by Designated Biologists approved by CDFW and USFWS. 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 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
04/02/2024	Lauren Simpson
04/10/2024	Carla Marriner
04/18/2024	Shelby Dunn
04/25/2024	Taylor Dee
04/30/2024	Shelby Dunn
05/08/2024	Lauren Simpson
05/15/2024	Shelby Dunn
05/21/2024	Lauren Simpson
05/28/2024	Shelby Dunn
06/04/2024	Taylor Dee
06/12/2024	Shelby Dunn
06/19/2024	Carla Marriner
06/27/2024	Shelby Dunn

Least Bell's vireos were not observed or detected during the focused breeding season surveys during the second quarter of 2024. A single least Bell's vireo was incidentally aurally observed by a biologist monitoring restoration activities on May 6, 2024. The observation was brief, and the bird was not resighted that day or during subsequent surveys or monitoring efforts. A CNDDB form for this observation was submitted and was included as an attachment in the monthly survey report. The least Bell's vireo breeding season survey reports for April, May, and June 2024 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 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.

Table 2. Monitors Onsite During Work Days.	
Date	**Restoration Monitors**
04/01/2024	Sam Harrison, Cole Sutter
04/02/2024	Sam Harrison, Kristen Klinefelter
04/03/2024	Daniel Jacques, Cole Sutter
04/04/2024	Daniel Jacques, Kristen Klinefelter
04/05/2024	Vincent Baker, Nature's Image – No Work (Weather)
04/08/2024	Daniel Jacques, Kristen Klinefelter
04/09/2024	Madison Panzino, Cole Sutter
04/10/2024	Sam Harrison, Vincent Baker
04/11/2024	Eliza McLean, Cole Sutter
04/12/2024	Amber Francis, Vincent Baker
04/15/2024	Josh Harris, Vincent Baker
04/16/2024	Daniel Jacques, Amanda Martinez
04/17/2024	Carla Marriner, Kristen Klinefelter
04/18/2024	Amber Francis, Kristen Klinefelter
04/19/2024	Carly Tailor, Kristen Klinefelter
04/22/2024	Eliza McLean, Amanda Martinez
04/23/2024	Madison Panzino, Amanda Martinez
04/24/2024	Amber Francis, Kristen Klinefelter
04/25/2024	Carly Tailor, Kristen Klinefelter
04/26/2024	Sam Harrison, Amanda Martinez
04/29/2024	Sam Harrison, Cole Sutter
04/30/2024	Madison Panzino, Amanda Martinez
05/01/2024	Verity Richardson, Vincent Baker
05/02/2024	Carly Tailor, Vincent Baker
05/03/2024	Alden Lovaas, Amanda Martinez
05/06/2024	Sam Harrison, Amanda Martinez
05/07/2024	Sam Harrison, Cole Sutter
05/08/2024	Sam Harrison, Cole Sutter
05/09/2024	Verity Richardson, Amanda Martinez
05/10/2024	Sam Harrison, Cole Sutter
05/13/2024	Alden Lovaas, Vincent Baker
05/14/2024	Alden Lovaas, Phillip Richards
05/15/2024	Eliza McLean, Vincent Baker
05/16/2024	Eliza McLean, Vincent Baker
05/17/2024	Daniel Jaques, Gothic - No Work (Internal Training)
05/20/2024	Amber Francis, Phillip Richards
05/21/2024	Verity Richardson, Cole Sutter
05/22/2024	Sam Harrison, Vincent Baker
05/23/2024	Eliza McLean, Phillip Richards
05/24/2024	Sam Harrison, Amanda Martinez
05/27/2024	No Work – Memorial Day
05/28/2024	Amber Francis, Vincent Baker
05/29/2024	Sam Harrison, Phillip Richards
05/30/2024	Sam Harrison, Cole Sutter
05/31/2024	Eliza McLean, Amanda Martinez
06/03/2024	Daniel Jacques, Amanda Martinez
06/04/2024	Alden Lovaas, Amanda Martinez
06/05/2024	Carter Warwick, Vincent Baker
06/06/2024	Carter Warwick, Vincent Baker

Table 2. Monitors Onsite During Work Days.	
Date	**Restoration Monitors**
06/07/2024	Carter Warwick, Phillip Richards
06/10/2024	Daniel Jacques, Amanda Martinez
06/11/2024	Daniel Jacques, Cole Sutter
06/12/2024	Amber Francis, Amanda Martinez
06/13/2024	Amber Francis, Amanda Martinez
06/14/2024	Corrina Tapia, Amanda Martinez
06/17/2024	Eliza McLean, Amanda Martinez
06/18/2024	Eliza McLean, Amanda Martinez
06/19/2024	Madison Panzino, Amanda Martinez
06/20/2024	Carly Tailor, Cole Sutter
06/21/2024	Corrina Tapia, Amanda Martinez
06/24/2024	Madison Panzino, Phillip Richards
06/25/2024	Carly Tailor, Vincent Baker
06/26/2024	Daniel Jacques, Cole Sutter
06/27/2024	Amber Francis, Phillip Richards
06/28/2024	Amber Francis, Amanda Martinez
No construction monitoring occurred because no construction activities occurred during the second quarter 2024 reporting period.	

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

2.3 Project Construction Activities

No construction related Project activities were conducted onsite during the second quarter 2024 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, 2024 through June 30, 2024.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), shortpod mustard (*Hirschfeldia incana*), curly dock (*Rumex crispus*), poison hemlock (*Conium maculatum*), scarlet pimpernel (*Anagallis arvensis*), European stinging nettle (*Urtica dioica*), wild radish (*Raphanus sativus*), creeping yellow-cress (*Rorippa sylvestris*), pink evening primrose (*Oenothera rosea*), Maltese star-thistle (*Centaurea melitensis*), rattail sixweeks grass (*Festuca myuros*), tree tobacco (*Nicotiana glauca*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), and thistle (*Carduus pycnocephalus*) were removed from DG-1, DG-2, DG-W-2 Mining Pit, DG-3, DG-3A, DG-3B, DG-4, DG-4A, DG-4C, DG-4 WOUS, DG-7, DG-8 onsite restoration areas and perimeter trails by hand pulling and using small hand tools, shovels, weed whips, hula hoes, one-line trimmers and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Existing irrigation systems were maintained.

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 July 1, 2024 to September 30, 2024.

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	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities and continued to be present during restoration activities requiring vegetation removal during the 2024 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 2024 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, 3/17/21-3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22, 7/20/23 – 8/13/23, 7/26/23, 7/31/23, 8/1/23, 6/17/24, 6/20/24, 6/21/24, 6/28/24	No construction ground-disturbing activities occurred during the second quarter of 2024. However, in preparation for construction activities scheduled to occur during the third quarter preconstruction surveys for sensitive wildlife species, including least Bell's vireo were initiated during the second quarter of 2024. Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024. The implementation of this measure will be

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
							completed during the third quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 3 2024).
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 03/1/21 – 4/16/21 08/30/22, 09/08/22, 7/19/23, 7/28/23, 8/3/23, 8/11/23, 6/10/24, 6/17/24, 6/28/24	Preconstruction nesting bird surveys began in June prior to Annual Sediment Removal Project activities scheduled to begin mid July 2024. During restoration monitoring and LBVI breeding surveys active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored restoration activities daily during the nesting season during the second quarter 2024 reporting period. The implementation of this measure will be completed during the third quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 3 2024).
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:	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 surveys related to this measure were required during the 2024 second quarter reporting

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
• 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: o Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. o 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. o 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. The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.							period.
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: • 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.	Reservoir Management • 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 • 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 2024 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
The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: o Site-specific container plant (if applicable) 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 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: 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.							
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-	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	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

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
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.	• 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	• 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					project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2024 second quarter reporting period.
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: • 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	Reservoir Management • 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 • 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 2024 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
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: 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 circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: 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 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							

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**
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.
Note: MM = Mitigation Measure

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

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

May 7, 2024
(2023-005.07/006)

Mr. Keith Hala
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: KHALA@dpw.lacounty.gov

Subject: **April 2024 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. Hala,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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, 2024 and continued through April 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 April 2024. 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
4/2/24	LS	0648	1100	48	68	0	0	0-1	0-1
4/10/24	CM	0640	1050	56	66	10	10	1-3	1-3
4/18/24	SD	0640	1115	59	76	98	95	0-1	0-1
4/25/24	TD	0730	1100	57	63	100	100	0-3	0-2
4/30/24	SD	0630	1100	60	80	100	0	0-1	0-1

CM = Carla Marriner, LS= Lauren Simpson, SD = Shelby Dunn, TD = Taylor Dee

No least Bell's vireos were detected during the April 2024 breeding season surveys. Two Brown-headed cowbirds were observed during the April 2024 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell's vireo conducted in April 2024 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: May 7, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

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 Simpson
Submitted Time: 04/02/2024 11:25 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:48	48°F	0-1 MPH	0 %
End of Day	11:00	68 °F	0-1 MPH	0 %

Date Observed
April 2, 2024

Observer Name
Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
LEGO, CAKI, AMCR, CANG, MODO, WCSP, BUSH, CASJ, SPTO, ACWO, SOSP, CALT, BEWR, EUST, ANHU, parrot sp, CAQU, CATH, YRWA, WREN, KILL, RNDU, RUDU, BUFF, WEBL, TUVU, AMRO, NUWO, TOWA, OATI, NRWS, MALL, WTSW, CLSW, BGGN, ALHU, cottontail, western fence lizard, GREG, COYE, RTHA, western toad, CA ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 04/10/2024 3:55 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	56°F	1-3 MPH	10 %
End of Day	10:50	66 °F	1-3 MPH	10 %

Date Observed
April 10, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
ACWO MODO NOMO CALT NUWO SOSP SPTO AMPI YRWA AMCR HOFI BEWR ANHU BGGN BUSH KILL MALL BHGB CAQU Amazonia sp. Cottontail NRSW DOWO LEGO OATI OSPR DEJU CASC ROHU ROPI California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 04/18/2024 11:43 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	59°F	0-1 MPH	98 %
End of Day	11:15	76 °F	0-1 MPH	95 %

Date Observed
April 18, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed
NUWO AMCR CAKI SPTO NOMO MODO ANHU NRWS YBCH KILL WTSW RNDU CALT BGGN ACWO CANG HOFI CASJ CAQU BHGR YRWA OATI YEWA CLSW AMGO BUSH WCSP WIWA ATFL BEWR COYE ALHU COHA DEJU AMCO LEGO CATH RCPA HOWR MALL WEBL OCWA RTHA CITE NOFL RSHA BLPH EUST SAPH cotton tail western toad California ground squirrel western fenced lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 04/25/2024 11:10 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	57°F	0-3 MPH	100 %
End of Day	11:00	63 °F	0-2 MPH	100 %

Date Observed
April 25, 2024

Observer Name
Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
Only detected within cowbird trap

Additional Notes
YBCH and YEWA observed and heard in survey area

Incidental Species Observed
MODO, SOSP, CATH, CAQU, SPTO, CASJ, NUWO, WREN, CALT, BEWR, BHGR, BUSH, desert cottontail, ACWO, RTHA, AMCR, BGGN, OCWA, RSHA, HOFI, YBCH, LEGO, COYE, ALHU, YEWA, WTSW, NRSW, MALL, KILL, BARS, CLSW, gull sp., CAGO, CORA, GTGR, VGSW, California ground squirrel, RUDU, AMWI, RNDU, WEFL (PSFL), Eastern fox squirrel, WWPE, ATFL

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 04/30/2024 5:25 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60°F	0-1 MPH	100 %
End of Day	11:00	80 °F	0–1 MPH	0 %

Date Observed
April 30, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
2

Locations
11S 392113 3784166 11S 391514 3783492

Additional Notes

Incidental Species Observed
ANHU BGGN BUSH CATH ALHU YEWA SAPH WIWA NUWO HOWR COHA MALL RUDU ACWO MIDO SPTO CASJ NOMO WTSW WETA WEGR HOOR ATFL CAKI CAQU HOFI LEGO KILL WREN BHCO WEBL CANG CORA COYE CALT BHGR BEWR RCPA EUST NRWS WEFL CLSW OATI MOCH BUSH CATH ALHU YEWA SAPH WIWA NUWO HOWR COHA MALL RUDU ACWO MIDO SPTO CASJ NOMO WTSW WETA WEGR HOOR ATFL CAKI CAQU HOFI LEGO KILL WREN BHCO WEBL CANG CORA COYE CALT BHGR BEWR RCPA EUST NRWS WEFL CLSW OATI MOCH California ground squirrel Cotton tail Western toad Western fenced lizard Tiger whiptail Side-blotched lizard

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

June 5, 2024
(2023-005.07/006)

Mr. Keith Hala
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: KHALA@dpw.lacounty.gov

Subject: **May 2024 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. Hala,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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, 2024 and continued through May 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

Four focused breeding season surveys for least Bell's vireo were conducted during May 2024. 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
5/8/24	LS	0635	1109	65	70	100	0	0-3	1-3
5/15/24	SD	0700	1100	61	68	100	100	0-1	0-1
5/21/24	LS	0600	1100	55	62	100	100	0-1	0-3
5/28/24	SD	0645	1100	57	70	100	30	0-1	0-1

LS= Lauren Simpson, SD = Shelby Dunn

No least Bell's vireos were detected during the May 2024 breeding season surveys. However, an individual was observed by a Designated Biologist monitoring onsite habitat restoration work. The date and details of the observation of least Bell's vireo during onsite restoration work is described below. Three Brown-headed cowbird individuals were observed during the May 2024 breeding season surveys.

On May 6, 2024, a male least Bell's vireo was incidentally documented by the ECORP restoration monitor. The vireo was observed foraging and singing within the onsite mitigation area. Work in the area was paused until a new work area was cleared. No additional observations of the individual were made after the initial morning observation. A CNDDB submission for this observation is provided in Attachment B.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo were conducted in May 2024. While no observations of least Bell's vireo were made during focused breeding season surveys, one least Bell's vireo was detected on May 6, 2024 while restoration monitoring was taking place. During this observation, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. 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 presence of vireos onsite for evidence of breeding.

[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.

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: June 5, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

Attachments:
Attachment A: Survey Datasheets
Attachment B: Least Bell's Vireo Observation CNDDB Submittal

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: lauren_simpson
Submitted Time: 05/08/2024 12:11 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	65°F	0-3 MPH	100 %
End of Day	11:09	70 °F	1-3 MPH	0 %

Date Observed
May 8, 2024

Observer Name
lauren_simpson

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes
Added new PSFL, LEGO, and BUSH nests to the nest map

Incidental Species Observed
SPTO, HOFI, MODO, BUSH, YEWA, ACWO, CAQU, CASJ, CAKI, BEWR, NOMO, EUST, NUWO, SOSP, BHGR, CALT, LEGO, CANG, KILL, MALL, NRWS, SPSA, AMCO, ANHU, parrot sp, Cottontail, COYE, RSHA, fox squirrel, CLSW, WTSW, BARS, PSFL, WEBL, WETA, CA ground squirrel, ALHU, HETH, western fence lizard, side blotched lizard, BLPH, RTHA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 05/15/2024 1:17 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	61°F	0-1 MPH	100 %
End of Day	11:00	68 °F	0-1 MPH	100 %

Date Observed
May 15, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
1

Locations
11S 391517 3783498

Additional Notes

Incidental Species Observed
MODO SPTO CATH CAKI CAQU SOSP HOFI CALT WTSW LEGO BEWR BHGR RCPA WEBL ACWO BUSH MALL YEWA CASJ ANHU WREN BGGN COHA NUWO NOMO AMCR BLPH AMCO CLSW CANG RUDU NRWS COYE BHCO HUVI RTHA Cotton tail California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 05/21/2024 11:09 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	55°F	0-1 MPH	100 %
End of Day	11:00	62 °F	0-3 MPH	100 %

Date Observed
May 21, 2024

Observer Name
Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
CANG, SPTO, WTSW, BEWR, YEWA, ANHU, BUFF, MALL, cottontail, KILL, RTHA, CORA, LEGO, CASJ, NRWS, AMCO, SPSA, BARS, CLSW, HOFI, CALT, DEJU, SOSP, BUSH, PSFL, fox squirrel, NOMO, WREN, Parrot sp, BHGR, AMRO, MODO, CAKI, ACWO, CAQU, NUWO, TUVU, COYE, CATH, CA ground squirrel, BGGN, ATFL, OCWA, OATI, ALHU, RUDU, PBGR, COHA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 05/28/2024 1:17 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57°F	0-1 MPH	100 %
End of Day	11:00	70 °F	0-1 MPH	30 %

Date Observed
May 28, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
2

Locations
11S 391519 3783490

Additional Notes

Incidental Species Observed
ACWO BGGN MODO CAKI BHGR BLPH CALT ALHU CLSW KILL CASJ AMCR SPTO HOFI BEWR NUWO SOSP WAVI CORA RTHA CAQU COHA BUSH ANHU NRWS RCPA HOWR YEWA OATI BHCO LEGO CATH WEFL ATFL WEKI NOMO WTSW MALL RUDU HUVI California ground squirrel Western toad Western fenced lizard

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information
Phenology:
_____ % vegetative _____ % flowering _____ % fruiting

Animal Information
1 # 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)***

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena
Quad Name: Pasadena Elevation: 1038
T___ R___ Sec___, ___¼ of ___¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps
T___ R___ Sec___, ___¼ of ___¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone
DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet
Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○
Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none
Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers
Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

July 18, 2024
(2023-005.07/006)

Mr. Keith Hala
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: KHALA@dpw.lacounty.gov

Subject: June 2024 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. Hala,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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, 2024 and continued through June 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

Four focused breeding season surveys for least Bell's vireo were conducted during June 2024. 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
06/04/24	TD	0600	1100	59	77	100	15	0-1	2-5
06/12/24	SD	0630	1100	62	70	100	30	0-1	0-1
06/19/24	CM	0635	1045	61	68	100	40	1-3	2-4
06/27/24	SD	0630	1100	63	70	0	0	0-1	0-2

TD= Taylor Dee, SD = Shelby Dunn, CM= Carla Marriner

No least Bell's vireos were detected during the June 2024 breeding season surveys. Brown-headed cowbirds were not observed during the June 2024 breeding season surveys.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo conducted in June 2024 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: July 18, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

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: Taylor Dee
Submitted Time: 06/04/2024 11:15 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	59°F	0-1 MPH	100 %
End of Day	11:00	77 °F	2-5 MPH	15 %

Date Observed
June 4, 2024

Observer Name
Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
n/a

Additional Notes

Incidental Species Observed
BUSH, CALT, SPTO, MODO, CAKI, EUST, ECDO, ACWO, HOFI, BHGR, CASJ, WREN, WTSP, CORA, BEWR, ATFL, CAQU, LEGO, ALHU, SOSP, YEWA, NRWS, red-crowned parrot, NOMO, BARS, AMGO, desert cottontail, HOWR, KILL, TRSW, AMCR, BGGN, California ground squirrel, NUWO, western toad, AMCO, MALL, ANHU, yellow-faced bumblebee, WEFL, Western fence lizard, CAGO, RUDU, COHU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/12/2024 10:40 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62°F	0-1 MPH	100 %
End of Day	11:00	70 °F	0-1 MPH	30 %

Date Observed
June 12, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
BHGR LEGO MODO NRWS CORA ALHU BASW DEJU RCPA OTI ACWO CAKI WTSW CAQU YEWA CLSW KILL CALT BEWR NUWO HOFI BUSH NOMO ANHU CANG BGGN CASJ WEFL SPTO OCWA AMCR BLPH MALL RUDU western toad Western fenced lizard California ground squirrel Tiger whiptail Desert cotton tail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 06/20/2024 9:37 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61°F	1-3 MPH	100 %
End of Day	10:45	68 °F	2-4 MPH	40 %

Date Observed
June 19, 2024

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
CORA ANHU MODO NUWO BEWR CASJ SOSP BHGR LEGO Desert cottontail CA squirrel CATH CALT RTHA CAQU SPTO NOMO BUSH YEWA BGGN MALL CANG BLPH RTHA NRWS Western toads

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/27/2024 1:56 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63°F	0-1 MPH	0 %
End of Day	11:00	70 °F	0-2 MPH	0 %

Date Observed
June 27, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed
CAKI ACWO NOMO OATI HOFI SPTO CALT LEGO CASJ NRWS MODO EUST AMRO BEWR RCPA NUWO BHGR BGGN ALHU YEWA ANHU CAQU BUSH BLPH AMCR WEFL COHA WREN YBCH RSHA HOWR SAPH SOSP WTWS MALL KILL RTHA CANG RUDU GBHE BCNH CLSW BASW ATFL desert cotton tail California ground squirrel Western toad Side blotched lizard Coastal whiptail Western fenced lizard American bullfrog Swallow tail Cabbage white California sister Carpenter bee Bombus californicus

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	43 °F	0-3 MPH	0 %
End of Day	13:48	64 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (Weeding)
2. Hoes, Shovels
3. Genaro (foreman), five 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:
Western honey bee, Western toad, Common side-blotched lizard, Western fence lizard, WCSP, SOSP, CATH, EUST, CAQU, AMRO, CAKI, CALT, SPTO, CEWA, BGGN, CORA, KILL, CASJ, ACWO, BEWR, CANG, Rooster, Amazonia sp., ANHU, Hirundidae sp., EUCO, ACWO, BRBL, HOFI, BUSH, LEGO, MODO, YRWA, RSHA, HOOR, RCKI, BLPH, AMCR, NOFL, WTSW, COHA, RTHA, Desert cottontail, Domestic dog, Domestic horse, California ground squirrel

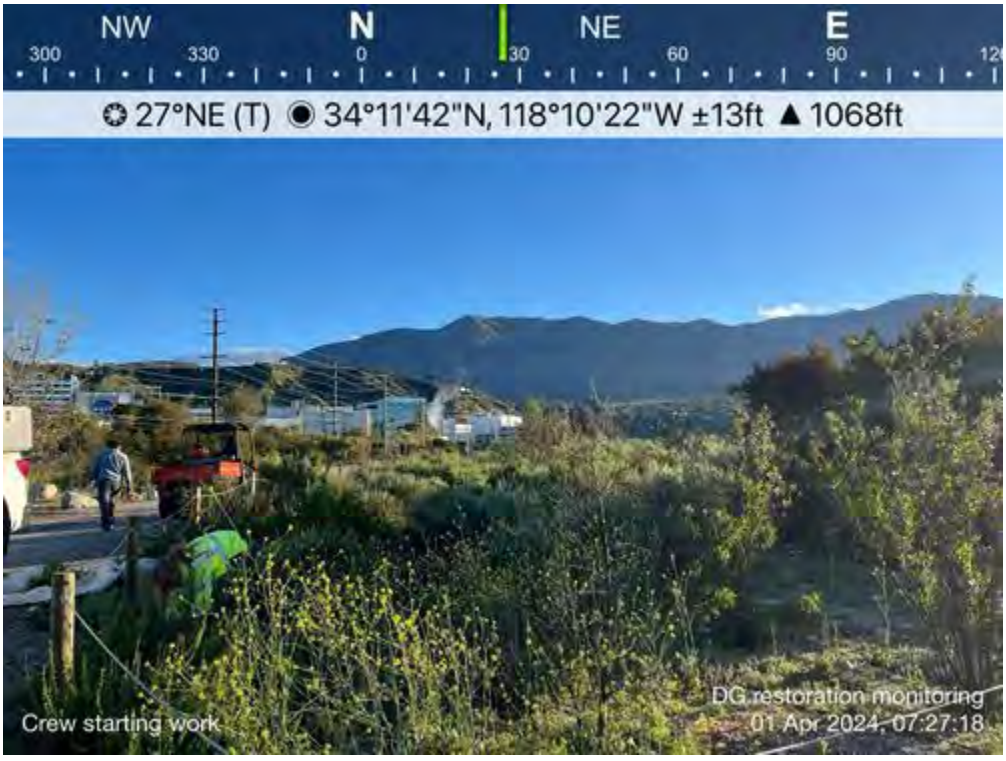
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site. Went to scout out DG-4 in the northern section. No new nests were found.
0730- Crew started working in DG-4.
0820- Crew stopped for a break.
0907- Crew started work again in DG-4.
1041- Crew stopped for lunch.
1240- Crew resumed work in DG-4.
1341- Crew is finished for the day.

Additional Comments
N/A

Signature

DG-4_prior_to_work.jpg



Crew_starting_work_DG-4.jpg

Crew_working_in_DG-4.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	15:00	64 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal along the north end of DG-2
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: European starling, Acorn woodpecker, American crow, Canada goose, Northern mockingbird, Song sparrow, Black-headed grosbeak, California towhee, Yellow-rumped warbler, Bushtit, White-crowned sparrow, Bewick's wren, California quail, Red-crowned parrot, Blue-grey gnatcatcher, Allen's hummingbird, Common raven, Northern flicker, California thrasher, California scrub jay, Spotted towhee, House finch, Lesser goldfinch, Wrentit, Ring-necked duck, Killdeer, Bufflehead, Anna's hummingbird, Northern rough-winged swallow, Ruddy duck, Red-tailed hawk, Nuttall's woodpecker, Red-shouldered hawk, Cooper's hawk, House wren, Common yellowthroat, Wilson's warbler
Mammals: Audubon's cottontail, Beechey ground squirrel, Pocket gopher
Herps: Western fence lizard, Side-blotched lizard, Coastal whiptail, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0730: Biologist performed nest scan for DG-2 and Johnson Field.
1000: Checked in on SOSP_03.
1200: Crew broke for lunch.

Additional Comments
DPW arrived midday to set up cones and caution tape around the erosion on the S end of DG-2. Spoke with the crew lead from Natures Image regarding the possibility of helping on the other side in the near future

Signature

Crew_weeding_North_end_DG2.jpg
-118.17157669444445 34.1924875

DPW_markings_surrounding_erosion.jpg
-118.17294089722223 34.18834685277778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	47 °F	0-3 MPH	0 %
End of Day	14:07	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (weeding)
2. Hoes and Shovels
3. Genero (foreman), nine crew members, Raul (project manager for nature's image)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

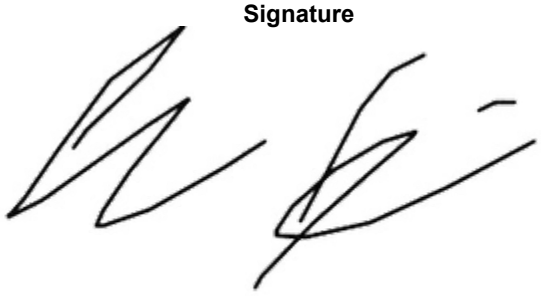
List of species observed while monitoring:
Swallowtail sp., Western honey bee, Wolf spider sp., Cabbage white, Carpenter bee, Bombus sp., Western toad, CALT, CASJ, ACWO, RCKI, CANG, SPTO, AMCR, AMRO, NUWO, LEGO, SOSP, BUSH, BGGN, YRWA, KILL, OATI, Amazonia sp., GREG, EUCO, ANHU, WTSW, CATH, BEWR, MALL, CAQU, CAKI, MODO, CORA, Rooster, YRWA, TUVU, HOFI, BCHU, Indian peafowl, TRSW, RSHA, RTHA Domestic dog, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site. Went to go check on DG-04 near the trail where the crew plans on working today.
0720- Crew started work in DG-4 by the trail.
0830- Crew stopped for a break.
0915- Crew resumed work after break.
1045- Crew stopped for lunch.
1215- Crew resumed work in DG-4. They are still working by the trail.
1326- Crew stopped for a break.
1407- Crew finished for the day.

Additional Comments
N/A

Signature



Area_prior_to_work_starting.jpg

Area_prior_to_work_starting.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	20 %
End of Day	15:00	75 °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.
3. Gothic Landscaping. Crew of ten plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG.
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail, Pocket Gopher
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
Photo 1: invasive_species_removal_DG-2_facingE

Signature

invasive_species_removal_DG-2_facingEast.jpg

Invasive_species_removal_DG-_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:00	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed vegitation clearing.
2. Hand tools.
3. Six Nature's Image, Genero (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, SOSP, CALT, AMCR, ACWO, LEGO, SPTO, BUSH, CASJ, Amazonia sp., CANG, NOMO, MALL, MODO, CAQU, YRWA, YEWA, DOWO, KILL.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew began to arrive. Genero took me to where they are working in DG-4A, and I scanned for active nests and other bio resources. The area is an isolated shape of DG-4A within DG-4 near the intersection of Berkshire Place and Oak Grove Drive.
0650: Crew was cleared to start work.
0705: Crew arrived and began work.
0730: Genero took me to the next location they will likely move to today. It is an isolated patch of DG-4A in the northern portion of the mitigation area.
0750: Finished clearing new area and headed back to crew
0820: Crew left for first break.
0900: Crew on their way back from break. Spoke to Genero and he said a truck is blocking their way and they are looking for a way around.
0925: One of the crew members was feeling sick and left for the day. Some of the crew took the first load of tarps to dump.
0945: The crew that took the first load returned and another crew member took the second load with the Kubota.
0950: Crew moved to next weeding area to the north.
1000: Mapped bushtit nest found with adults going to it with nesting material. Tube well formed. I moved the crew out of the buffer and put up some flagging.
1040: Crew broke for lunch.
1210: Crew returned from lunch.
1340: Crew cleaned up for the day.

Additional Comments
N/A

Signature

first_area_before_facingNortheast.jpg
-118.1772567888889 34.18895172222222

first_area_after_facingNortheast.jpg
-118.17727661111111 34.189107380555555

second_area_before_facingSoutheast.jpg
-118.1724365888889 34.19363383333333

second_area_after_facingSoutheast.jpg
-118.1724510388889 34.193623055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	75 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal along the midsection of DG-2
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: Bushtit, Song sparrow, Mallard, European starling, Common raven, Acorn woodpecker, Yellow-rumped warbler, Canada goose, House wren, California towhee, California scrub jay, Anna's hummingbird, Killdeer, Allen's hummingbird, Cassin's kingbird, Bewick's wren, Western bluebird, California quail, Red-crowned parrot, Blue-grey gnatcatcher, Great egret, White-crowned sparrow, Ring-necked duck, Bufflehead, Ruddy duck, California thrasher, Cooper's hawk, Northern flicker, Nuttall's woodpecker, Lesser goldfinch, Oak titmouse, Mourning dove, House finch, Northern rough-winged swallow
Mammals: Audubon's cottontail, Beechey ground squirrel, Pocket gopher
Herps: Western fence lizard, Side-blotched lizard, Alligator lizard, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0730: Biologist monitored bin to assess potential Bewick's wren nesting issue.
0900: Crew broke for break.
1200: Crew broke for lunch.
1330: Crew notified biologist of a bushtit (BUSH) nest (BUSH 11) in one of the oaks near where the vehicles are parked.

Additional Comments

Signature

Weed_contents_removed_from_DG2.jpg
-118.17262422222223 34.190374461111105

BUSH_11.jpg
-118.17214821111112 34.18961639722222

Subadult_Western_Toad.jpg
-118.17107070833333 34.191858877777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	15:00	58 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, BUFF, RUDU
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG-2_facingW Photo 2: invasive_removal_DG-2_facingN

Signature

invasive_removal_DG-2_facingWest.jpg

invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:35	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal maintenance.
2. Hand tools.
3. Seven Nature's image, Genero (G; 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:
SOSP, CAQU, AMCR, BUSH, BEWR, CASJ, CANG, Amazonia sp., Yellow rumped warbler, Spotted towhee, House finch, Allen's hummingbird, ANHU, Common yellowthroat, Northern rough-winged swallow, CALT, American goldfinch, Red-tailed hawk, LEGO, Western blue bird, American robin.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Crew started arriving.
0640: G took me to the work area where they ended yesterday to sweep. The area is a section of DG-4A at the north end.
0705: Area was cleared and crew is on the way.
0710: Crew arrived and began work.
0718: Rest of the crew joined and began work.
0800: Crew began bringing out tarps of weeds periodically.
0820: Spoke to frisbee golfer about lost disc.
0840: Crew left for first break.
0905: Crew returned from first break.
0950: Crew finishing up slopes and some moving to the top of the mound. G took the full truck to dump the first load of tarps.
1000: G returned with the empty truck.
1100: Crew broke for lunch.
1130: Crew returned from lunch, headed back to the work area, and resumed work
1255: G took truck with next load to dump.
1305: G returned with the empty truck.
1325: Crew broke for final break.
1340: Crew returned from final break. They resumed weeding before the final cleanup.
1425: Crew stopped for the day and did final cleanup.
1435: Crew finished for the day and left site.

Additional Comments
N/A

Signature

side_before_facingSoutheast.jpg
-118.17242344444445 34.19359897222222

side_after_facingSoutheast.jpg
-118.17245051111112 34.19363035

top_before_facingSouth.jpg
-118.1722891 34.193519249999994

top_after_facingSouth.jpg
-118.17230644444444 34.193528666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	39 °F	0-3 MPH	100 %
End of Day	14:01	47 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: CANG, MALL, CORA, AMCR, HOWR, BEWR, SPTO, CALT, RCKI, OATI, NUWO, RCPA, YRWA, KILL, ALHU, ACWO, BLPH, CASJ, NRWS, BUSH, SOSP, CAQU, EUST, CATH, DOWO, ECDO, BGGN, ANHU, HOFI, HOOR, EAGR, RUDU, RNDU, BUFF, AMCO, COHA, YEWA, LEGO, LISP, WCSP, MODO, AMRO, COYE, BARS, VGSW, TUVU, CAKI, OCWA, NOMO, NOFL
Amphibians: Western toad
Reptiles: N/A
Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrived on site. Work today will consist of weed removals at the far north end of the site by the western border along DG-2.
0900: Crew takes 15-minute break.
0915: Crew continues weed removal along trail by DG-2, working north.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal work throughout DG-2 slope and to the north for the remainder of the workday.
1400: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weeding_DG-2_west_slope_facingNorthwest.jpg
-118.17143595277778 34.19241054444444

Weed_removal_DG-2_facingWest.jpg
-118.17142859444445 34.19275745555555

ANHU_nest_east_trail_facingSouth.JPG
-118.17145555555555 34.19038333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	15 %
End of Day	15:00	74 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, RUDU
Reptiles: Western fence lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
Photos: Invasive_removal_DG-2_facingNE Invasive_removal_DG-2_facingN

Signature

Invasive_removal_DG-2_facingNortheast.jpg

Invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	41 °F	0-3 MPH	0 %
End of Day	14:40	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal in Restoration areas.
2. Hand tools.
3. Eight Nature's Image, Genero (G, 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:
SOSP, American crow, Amazonia sp., CAQU, CALT, Spotted towhee, MODO, BEWR, ANHU, House finch, Black-headed grosbeak, CANG, CASJ, BUSH, Woodpecker sp., LEGO, Mallard, American robin, Red-tailed hawk, Ash-throated flycatcher, Yellow rumped warbler, Killdeer, Northern rough-winged swallow, Allen's hummingbird.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600: Some of the crew arrived.
0620: The rest of the crew started arriving.
0627: Crew with panel truck arrived.
0630: G warmed up the truck to take me to the site they worked in last Thursday in DG-4A.
0645: Arrived at work site after ice on windshield melted and began sweep of area.
0705: Crew arrived at worksite and began weeding.
0900: Crew left for first break.
0912: Come crew started returning to site from first break.
0920: Crew all back from break and resumed work.
0950: Some crew took first load of tarps.
1005: Crew returned from taking first load of tarps.
1015: Some crew began taking more full tarps to the truck.
1050: Crew began to break for lunch and took Kubota with second load of full tarps.
1125: Crew returned from lunch and went to work site.
1140: Crew began weeding while some unloaded the Kubota.
1230: Some crew left with 3rd load of full tarps.
1243: Crew returned from emptying tarps.
1335: Crew broke for second break.
1350: Crew finished second break. Some crew took the truck to unload next load of full tarps.
1355: Crew from Perris left for the day.
1420: Remaining crew began wrapping up for the day.
1440: All crew has left for the day.

Additional Comments
N/A

Signature

area1_before_facingNorthwest.jpg
-118.17231871111112 34.19322691666666

area1_after_facingNorthwest.jpg
-118.17234363055556 34.193257538888886

area2_before_facingWest.jpg
-118.17238480555557 34.193200472222216

area2_after_facingWest.jpg
-118.1723825 34.19324856944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	14:34	78 °F	0-3 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, crew lead 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:
Green parrot sp., CAQU, ACWO, AMCR, SOSP, KILL, BUSH, ANHU, NUWO, HOFI, CANG, CASJ, MODO, CALT, LEGO, SPTO, BEWR, BGGN, COYE, RTHA, California king snake (carcass), Side-blotch lizard, Western fence lizard, alligator lizard, Desert cottontail, California ground squirrel, Western honeybee, Bombus sp., Monarch, Swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Gave WEAP training to new crew member, Christian.
0650: Began sweep of work area (northern most portion of DG-4A) prior to work commencing.
0705: DG-4A cleared for work and Natures Image crew began weed abatement activities.
- The crew removes non-native weed species such as *Conium maculatum* and *Hirschfeldia incana* using hand tools and carries them off the site in tarps while leaving native species intact.
1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.
1435: Depart site.

Additional Comments
N/A

Signature

DG4A_before_facingWest.jpg
-118.17256263888889 34.19329175

DG4A_During_facingWest.jpg
-118.17257166666667 34.19331666666666

DG4A_After_facingWest.jpg
-118.17257196111112 34.193308249999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	7-9 MPH	0 %
End of Day	15:00	78 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within the midsection of DG-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan

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: House wren, Song sparrow, Acorn woodpecker, Canada goose, European starling, Northern rough-winged swallow, Killdeer, Anna's hummingbird, Black-headed grosbeak, California scrub jay, American crow, Bewick's wren, Wrentit, Red-crowned parrot, White-crowned sparrow, Yellow-rumped warbler, Band-tailed pigeon, California thrasher, Red-whiskered bulbul, California quail, Cooper's hawk, Allen's hummingbird, Blue-grey gnatcatcher, California towhee, Spotted towhee, Ruby-crowned kinglet, Western bluebird, Turkey vulture, Bushtit, Lesser goldfinch, Mallard, Oak titmouse, Nuttall's woodpecker, Mourning dove, Red-shouldered hawk
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Western fence lizard, Side-blotched lizard, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0900: Crew broke for break.
1145: Crew broke for lunch.
All day - Surveyed throughout DG-2.

Additional Comments
Some nest flagging along the dirt road appears to have been taken down by an unknown party. Flagging to be replaced where necessary and monitored to ensure no further removal occurs.

Signature

Crew_weeding_DG2.jpg
-118.17243763055556 34.18972123333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	52 °F	0-3 MPH	0 %
End of Day	15:02	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: CATH, KILL, BEWR, SPTO, CALT, RCPA, YRWA, SOSP, ALHU, CASJ, BHGR, BGGN, COHA, ANHU, RCKI, AMCR, OCWA, CANG, RNDU, MALL, RUDU, WTSW, NRWS, WCSP, EAGR, COYE, LEGO, AGOL, HOWR, ACWO, EUST, HOFI, CORA, WREN, CAQU, NUWO, MODO, CLSW, BLPH, AMCO, NOMO, AMRO, YEWA, NOFL, OATI, DEJU, WEFL, WIWA, WEBL
Amphibians: N/A
Reptiles: Western fence lizard
Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Work today will consist of weed removals along the west slope adjacent to DG-2 and the floodplain, beginning work near the southern slope failure and working north.
0900: Crew takes a 15-minute break.
0915: Crew continues weed removal by south end of site, west slope of DG-2.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal work throughout DG-2 slope and to the north for the remainder of the workday.
1500: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

COHA_nest_building_facingSouth.jpg
-118.17172481944445 34.19003249166666

Weed_removal_west_DG-2_slope_facingNorth.jpg
-118.17316290277778 34.18817391666666

Weed_removal_DG-2_facingSouth.jpg
-118.17250856944445 34.18840244444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	56 °F	0-3 MPH	0 %
End of Day	14:31	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (Weeding).
2. Hoes and Shovels.
3. Genero (foreman).

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

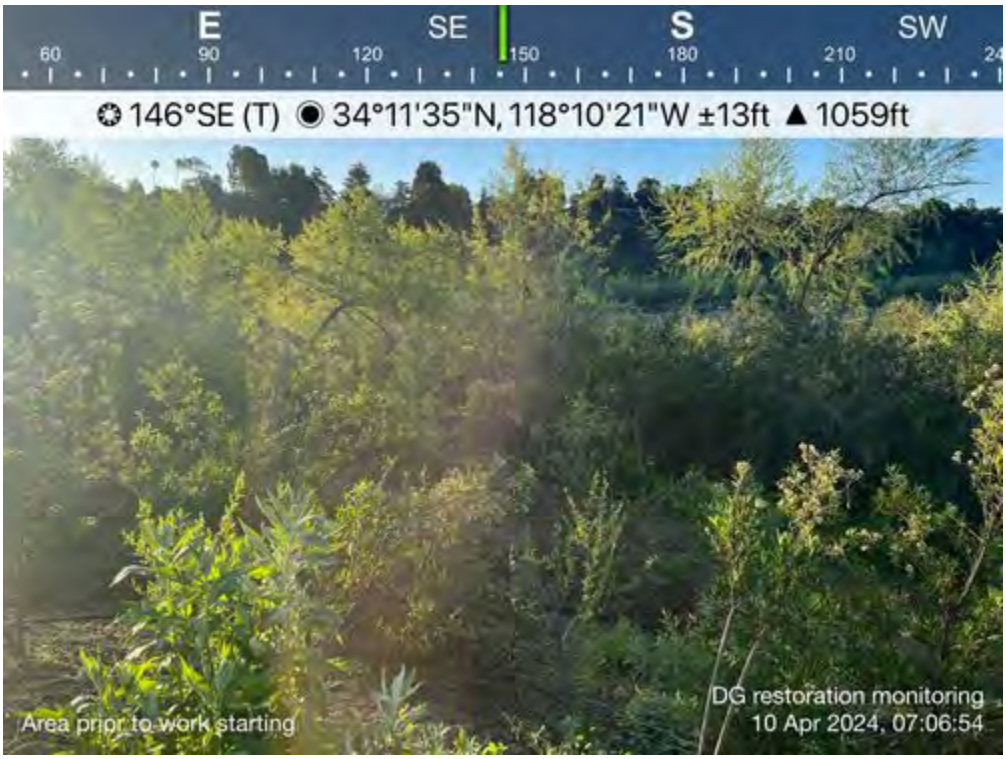
List of species observed while monitoring:
Western honeybee, Carpenter bee, Cabbage white, Monarch, Southern pacific rattlesnake, Western fence lizard, Western toad KILL, CASJ, CALT, SPTO, CAQU, ACWO, SOSP, BUSH, CEWA, CATH, BEWR, Rooster, CORA, Amazonia sp., MODO, HOFI, AMRO, BHGR, ALHU, WREN, BGGN, ANHU, YRWA, CANG, EUCO, LEGO, NUWO, AMCR, RTHA, RSHA, OATI, WTSW, EUST, RCKI, HOOR Woodrat, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site.
0707- Finished conducting nesting bird survey prior to crew working in DG-4A.
0715- Crew started work in DG-4A.
0850- Crew stopped for a break.
0917- Crew resumed work after break.
1055- Crew stopped for lunch.
1130- Crew resumed work after lunch in DG-4A.
1258- Crew is still working in DG-4A.
1325- Crew stopped for a break.
1350- Crew resumed work in DG-4A.
1430- Crew finished for the day.

Additional Comments
N/A

Signature



Area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: April 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	56 °F	0-3 MPH	0 %
End of Day	14:31	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants, irrigation.
2. Hand tools.
3. Nature's Image 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:
CALT, CASJ, RCPA, SPTO, BUSH, SOSP, BEWR, KILL, CATH, CAQU, WCSP, ANHU, AMCR, MODO, Common side-blotched lizard, Western fence lizard, Tiger swallowtail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site.
0630: Checked in with Genaro. Linda showed me where they're working today: 34.193053°N 118.172701°W - DG-4, DG-4A, DG-4 WOUS. Started nesting bird survey.
0705: No nesting behavior observed in work area. Told crew they could start working.
0715: Crew arrived in work area and started weeding. Monitored wildlife activity.
0900-0915: Crew's morning break.
1100-1130: Lunch break.
1215: Updated NUWO-01 nest point, no longer active, branch of tree fell, exposing cavity.
1415: Crew finished weeding, started cleanup. Took end of day photo, checked out with project manager and monitor for tomorrow, walked back to car.
1430: Left site.

Additional Comments
N/A

Signature

20240411_work_area_facingSouthwest.jpg
-118.17303092777779 34.1929479

20240411_work_area_after_facingSouthwest.jpg
-118.17297879722223 34.19300052777778

20240411_work_area_lunch_facingEast.jpg
-118.17312394444446 34.19266411111111

20240411_work_area_end_of_day_facingEast.jpg
-118.17307243055556 34.19267302777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	15:00	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within the midsection of DG-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

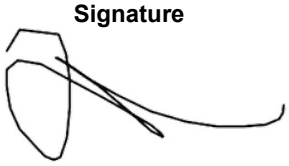
List of species observed while monitoring:
Birds: House Wren, European Starling, Red-crowned Parrot, Oak Titmouse, American Crow, Killdeer, Song Sparrow, California Quail, Blue-grey Gnatcatcher, Canada Goose, Bushtit, Mallard, Yellow-rumped Warbler, California Thrasher, Spotted Towhee, California Towhee, Bewick's Wren, Northern Rough-winged Swallow, Common Yellowthroat, Cooper's Hawk, Common Raven, Ring-necked Duck, Ruddy Duck, Anna's Hummingbird, Allen's Hummingbird, Yellow Warbler, Ruby-crowned Kinglet, Lesser Goldfinch, California Scrub Jay, Orange-crowned Warbler, Red-shouldered Hawk, Black-headed Grosbeak, Acorn Woodpecker, Nuttall's Woodpecker, White-throated Swift, Bufflehead
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0830: Found freshly dug Coyote burrow along the slope.
0900: Heard a yellow warbler calling from within DG-2, precise location/visual unable to be attained.
0905: Second YEWA observed in the oaks growing along the upper slopes.
0915: Discovered ANHU_03, in incubating stage.
0930: Crew broke for break.
1200: Crew broke for lunch.
1300: Biologist walked up to the retention ponds.
All day - surveyed throughout DG-2 and Johnson Field.

Additional Comments
Trash/vegetation bin was replaced midway through the day

Signature



Coyote_burrow_along_slope.jpg
-118.17276644444445 34.189155622222216

ANHU_03.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:00	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: AMCR, RCPA, KILL, BEWR, ANHU, ALHU, CALT, CASJ, SPTO, NRWS, CANG, BHGR, SOSP, MODO, CORA, HOFI, CAQU, LEGO, COHA, YRWA, RCKI, RTHA, WREN, BGGN, HOWR, YEWA, BUSH, BLGR, ACWO, EUST, GBHE, OCWA, WTSW, CATH, AGOL, COYE, BARS, SPSA, MALL, AMCO, RNDU, RUDU, PBGR, CLSW, DEJU, BTPI, WCSP, NUWO, BHCO, OATI, RSHA, LISP, BLPH, WEFL, CAKI, BUFF, WFIB, LESA, VGSW
Amphibians: Western toad
Reptiles: Western fence lizard
Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Work today will consist of weed removals along the west slope adjacent to DG-2 and the floodplain, beginning work near the staging yard and working eastward into Johnson Field.
0900: Crew takes 15-minute break.
0915: Crew continues weed removal by north end of site, west slope of DG-2 and into Johnson Field. Focuses heavily on nonnative grass and scarlet pimpernel removal.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal between DG-2 west slope and Johnson Field for the remainder of the day.
1400: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_area_DG-2_facingNorth.jpg
-118.17189275 34.19223102777777

Weed_removal_JohnsonField_facingSoutheast.jpg
-118.17193242500001 34.19162075

Weed_disposal_facingNortheast.jpg
-118.17163107500001 34.19218140277778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	51 °F	0-3 MPH	100 %
End of Day	14:15	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Handtools
3. Genaro Vargas (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:
AMCR, COHA, BEWR, SPTO, SOSP, AMRO, CASJ, CAQU, BUSH, HOWR, RCPA, CANG, MALL, ANHU, CATH, Western toad, BGGN, WCSP, RSHA, NUWO,TUVU, Cotten tail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600: Arrived onsite.
0619: G. Vargas arrives onsite.
0630: G. Vargas takes me to work area (DG-4)/ 34.192670 N, 118.172982 W. I started clearing area.
0650: I inform G. Vargas that the work area is cleared.
0702: Crew arrives to work area and starts removing vegetation (ie. Black mustard, stinging nettle).
0733: G. Vargas informs me of a meeting happening Monday with public works.
0758: Relocate two western toads.
0900-0915: Crew takes break.
1005: Relocate western toad.
1100-1135: Crew takes lunch.
1238: Relocated western toad.
1320-1335: Crew takes break.
1425: Crew wraps up for the day.
1435: Left site.

Additional Comments
N/A

Signature

Work_Area_before_facingSouth.JPG
-118.17302500000001 34.19253611111111

Work_Area_during_facingSouth.JPG
-118.17299166666668 34.19262777777777

Work_Area_after_facingSoutheast.JPG
-118.17306111111111 34.19259722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	48 °F	0-3 MPH	25 %
End of Day	14:55	65 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: SPTO, HOWR, CALT, COHA, CANG, LEGO, YRWA, BHGR, AMCR, BEWR, NUWO, ACWO, CASJ, YBCH, BGGN, ATFL, WEFL, SOSP, CAQU, YRWA, ALHU, CATH, DEJU, RCPA, ANHU, WREN, CORA, TUVU, RNDU, PBGR, COYE, KILL, NRWS, WEBL, EUST, RCKI, WIWA, HOFI, GREG, RSHA, WCSP, MALL, WTSW, CLSW, MODO, BUFF, OCWA, BLPH, AMRO, HUVI, BTPI, WETA, LISP, CAKI
Amphibians: Western toad
Reptiles: Western fence lizard
Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Work today will consist of weed removals along the east perimeter trail by the northeast corner of Johnson Field and working southward along the main trail. The crew will shift to working northward along the west trail by DG-8 and DG-1 later in the day.
0900: ICF staff (Dick Rol and myself) as well as representatives from LA County, Nature's Image, and ECORP met at the west staging area (Nature's Image) to discuss future work plans for Gothic Landscaping on the west half of the basin.
1030: Walked the east half of the site with Gothic and Dick Rol to examine work done so far.
1200: Gothic crew takes lunch break after beginning work towards the north along DG-8/DG-1.
1230: Resumes weed removal along road by DG-8/DG-1.
1455: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_Northeast_Corner_JohnsonField_facingEast.jpg
-118.17122794444445 34.192015194444444

House_wren_nest_cavity_facingWest.jpg
-118.17103040833334 34.19108380555555

DG-8_weed_removal_facingNorth.jpg
-118.17141437777778 34.19284562222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: April 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	42 °F	0-3 MPH	90 %
End of Day	14:29	62 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Nonnative removal within far northeastern section of DG-4 near disc golf area.
2. Hand tools (hula hoes and shovels).
3. Natures Image crew of nine including Genaro Gomez (foreman) and Raul Fernandez (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:
CANG, BEWR, NUWO, ACWO, CALT, LEGO, BUSH, CATH, OCWA, CAQU, WEBL, BGGN, CASJ, HOFI, CAKI, SPTO, AGOL, ATFL, EUST, GREG, COHA, SOSP, MODO, MALL, SOSP

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Arrived at site.
0638: Genaro Gomez (Natures Image; foreman) leads me to the far northeast of DG-4 where the crew would be working. Crew will not be working on phase 3 areas due to worries about inundation.
0654: Let Genaro know the crew was cleared to work in DG-4.
0706: Crew members began working in DG-4.
0706-0749: Continued sweep ahead for nests within DG-4 moving southwest.
0749: Checked back in on crew removing nonnatives.
0825: Mitch Parr (Natures Image; Operation Manager) arrives to talk with Genaro and Junior prior to meeting with ECORP, Natures Image, ICF, Gothic and Los Angeles County Public Works (LACPW).
0854: Crew is taking a 15-minute break.
0900-0957: Attended meeting between ECORP, Natures Image, ICF, Gothic and LACPW. Meeting was held to finalize Gothic assisting Natures Image with weeding on the west side.
0957-1050: Conducted a sweep for nesting birds in DG-4A and DG-4 WOUS. Crew will be resuming work in these areas after today.
1050: Crew takes lunch.
1135: Crew returns from lunch.
1135-1252: Continued sweep for nesting birds in DG-4A and DG-4 WOUS. Discovered a new bushtit (BUSH) nest, BUSH-13. One individual observed bringing nesting material to nest 5 feet up in *Sambucus* planting. Removed flagging around inactive Nuttall's woodpecker (NUWO) nest, NUWO-01.
1252-1321: Continued to monitor crew removing nonnatives in DG-4.
1322: Crew takes break.
1344: Crew arrives back from break.
1402: Crew wrapping up for the day.
1427: Crew leaving site.

Additional Comments
N/A

Signature

Natures_Image_weeding_DG-4.jpg

Nonnatives_removed_by_crew.jpg

BUSH-13_nest_located.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	46 °F	0-3 MPH	0 %
End of Day	14:40	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed clearing.
2. Hand tools.
3. Seven Nature's Image, including Genero (G, 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:
CALT, Western bluebird, Spotted towhee, CASJ, Amazonia sp., CANG, CORA, Black-headed Grosbeak, BEWR, SOSP, BUSH, MODO, Ash-throated Flycatcher, House finch, CAQU, ANHU, Acorn Woodpecker.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: G and crew started arriving.
0638: G walked me over to the work area northeast of the parking in DG-4.
0645: Started clearing the area. No activity at bushtit (BUSH)-13 yet.
0658: Area cleared for crew.
0710: Crew arrived and started working.
0745: Observing bushtit (BUSH) activity at BUSH-13. BUSH in area and seen flying toward nest location.
0848: Crew broke for first break.
0915: Crew returned from first break.
0925: Some crew started taking loads of full tarps to dumpster on Kubota.
1024: Crew paused taking full tarps. Will continue periodically throughout the day.
1050: Crew broke for lunch and began walking to the cars.
1145: Crew finished lunch and began walking back to today's work site.
1205: Some crew left with the first round of full tarps after lunch.
1320: Crew broke for second break.
1345: Crew returned from second break.
1440: Crew and I have left site.

Additional Comments
N/A

Signature

area_1_before_facingWest.jpg
-118.17314194444445 34.192502777777776

area_1_after_facingWest.jpg
-118.17312583333334 34.19251083333333

area_2_before_FacingSouth.jpg
-118.17348777777778 34.19250472222222

area_2_after_facingSouth-southwest.jpg
-118.17350583333334 34.19253888888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:43	79 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (2), hoes (9)
3. Gothic Landscape crew of nine with Juan 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, AMCR, KILL, CANG, RCPA, MALL, BHGR, LEGO, PHAI, CASJ, YRWA, CAQU, HOFI, ANHU, SOSP, HOWR, SPTO, CORA, COHA, BARS, AMRO, EUST, BUSH, NRWS, WCSP, WIWA, BEWR, ACWO, RTHA, ALHU, BTPI, BLPH, WTSW, NOMO, MODO
Mammals: Mouse, California ground squirrel
Reptiles: Alligator lizard, Western fence lizard, Side-blotched lizard
Invertebrates: Anise swallowtail, California bumblebee, Dragonfly, European honey bee

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Crew heads to DG-8 for non-native vegetation removal moving North. Biologist monitors current work area and the area crew is headed for any wildlife activity.
0745: Crew now in DG-1. Biologist monitors oaktree for potential California scrub jay (CASJ) nest.
0823: CASJ seen with nesting material coming from oak tree. Biologist informs crew lead to avoid the area.
0900: Crew takes break.
0915: Crew returns to work.
0945: Biologist deters Bewick's wren from placing nest material under dumpster for bird's safety.
1000: Red-tailed hawk eating mouse on top of tree.
1045: Potential CASJ nest spotted and noted in Field Map.
1200: Crew takes lunch.
1230: Crew returns to work in DG-1.
1430: Crew heads back to dumpster to dump the removed vegetation. Mainly consisting of non-native grasses.
1443: Seven ducklings in retaining pond.

Additional Comments
N/A

Signature

DG8_pre_vegetation_removal_facingSouth.jpg
-118.1709434388889 34.19370558333333

DG8_post_vegetation_removal_facingSouth.jpg
-118.17088827777778 34.19376666666666

DG1_pre_vegetation_removal_facingNorth.jpg
-118.17036973055556 34.19408996111111

DG1_post_vegetation_removal_facingNorth.jpg
-118.17041411944444 34.19405953888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	20 %
End of Day	15:00	75 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

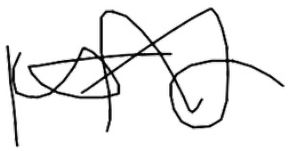
List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, RUDU
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1.
1500: Crew stops work for the day.

Additional Comments
Photo 1: Invasive_removal_DG-1_facingNW

Signature



Invasive_removal_DG-1_facingNorthwest.jpg

Invasive_removal_DG-1_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: April 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	53 °F	0-3 MPH	20 %
End of Day	14:30	78 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Weed removal by hand. Target species today: tree tobacco, poison hemlock and mustard. Natures Image, crew of six plus two checking irrigation system in different areas.

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, AMRO, NUWO, CORA, BHGR, CALT, RTHA, CASJ, ANHU, LEGO, MODO, NOMO, ALHU, ROWR, CAQU, WREN, SPTO, YRWA, DEJU, BUSH, Whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Arrived onsite.
0635: Met with Genaro to discuss maintenance activities for the day.
0645: Started surveying and checking areas for nesting activity prior to maintenance activities - checked bushit nest adjacent to work area.
0710-1100: Monitored maintenance activities; weed removal is conducted by hand.
1100: Lunch break.
1145-1430: Continued monitoring weed removal; crew removed all the bags with nonnatives species from the site. End of the day.

Additional Comments
N/A

Signature

photo_1-crew-conducting-weed-removal.jpg
-118.17359222222223 34.192250638888886

photo_2-view-of-restoration-area-after-weeding.jpg
-118.17355078888889 34.19245022222222

photo_3-handtools-weed-removal.jpg
-118.17360975000001 34.192259038888885

photo_4-piles-of-weed-to-be-removed-from-the-site.jpg
-118.17365055555555 34.19209682222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	15:00	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

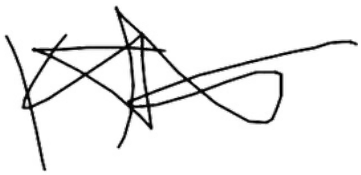
List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, TOWA, RUDU
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1.
1500: Crew stops work for the day.

Additional Comments
Photo 1: Invasive_removal_DG-1_facingN

Signature



Invasive_removal_DG-1_facingNorth.jpg

Invasive_removal_DG-1_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	53 °F	0-3 MPH	70 %
End of Day	14:35	73 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Handtools
3. Natures Image (six man crew), Genaro Vargas Foreman.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

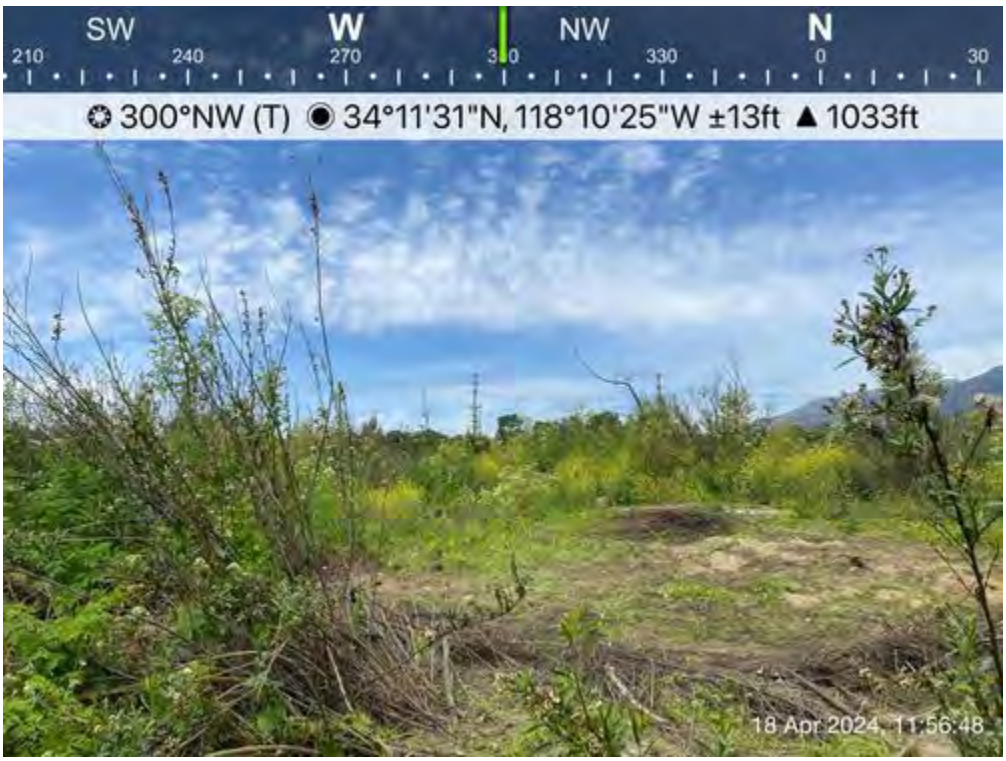
List of species observed while monitoring:
BUSH, BEWK, MALL, RCPA, SPTO, SOSP, AMRO, CAQU, BGGN, NOMO, CANG, CASJ, KILL, Western toad, side blotched lizard, Western fence lizard, NUWO, California ground squirell, desert cottontail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0610: Arrive onsite.
0630: Genaro Vargas takes me to work area (DG-4 WOUS, approximately 34.191984 N, 118.173667 W). Started clearing area.
0650: Area cleared.
0700: Crew arrived and started vegetation clearing.
0840: Observed CASJ pair building nest (CASJ-05 in field maps).
0848: Crew breaks.
0915: Crew returns from break.
0940: Relocate two western toads.
0955: Crew breaks for lunch.
1135: Crew back from lunch.
1145: East side crew pass by on the way to mining pit. Notifies us that they will be here in two weeks to help with the area.
1321: Crew breaks.
1340: Crew back from break.
1416: Crew starts cleaning area for the day.
1425: Back at staging area.
1435: Left site.

Additional Comments
N/A

Signature



Work_area_facingWest.JPG
-118.17368055555556 34.192138888888884

Work_area_during_facingSouth.JPG
-118.17369444444445 34.19193055555555

Work_area_after_facingSoutheast.JPG
-118.17401666666667 34.192119444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:00	71 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, TOWA, RUDU, YEWA, BHGR, YBCH
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew finishes work in DG-1 and continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1400: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG-1_facingNW

Signature

Photo 1: invasive_removal_DG-1_facingNorthwest

Invasive_removal_DG-2_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: April 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:30	68 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing.
2. Hand tools (rake, shovel), pulling by hand.
3. Nature's Image - six on vegetation, two working on irrigation.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
CALT, CASJ, CAQU, ACWO, HOFI, WREN, NOMO, CANG, parrot, ANHU, SOSP, SPTO, BUSH, YBCH, BHGR, BEWR, CAKI, CORA, MODO, NUWO, LEGO, MALL, RTHA, RSHA, cottontail, CATH, GREG, BGGN, WCSP, California ground squirrel, Western fence lizard, Western toad, AMRO, WEBL, ATFL, TUVU, NRWS, COHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site.
0630: Walked to work area with Genero. Began preclearance sweep.
0704: Heard and observed yellow-breasted chat. Point in FieldMaps. The bird soon left the area (before the crew arrived).
0714: Crew began work (DG-4 WOUS, DG-4 WOUS connections).
0848-0910: First break.
1038: Identified active bushtit nest. Pair appear to be feeding young.
1055-1136: Lunch.
1136: Flagged Bushtit nest found near the ingress/egress trail. Flagged Gothic boundary so crew does not work there.
1319-1350: Second break.
1430: End of day.

Additional Comments
N/A

Signature

Beginning_of_vegetation_removal.jpg

Post_vegetation_clearing.jpg

Pre_vegetation_removal.jpg

Restoration_area.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: April 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	53 °F	0-3 MPH	100 %
End of Day	14:33	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants; irrigation.
2. Hand tools three. Nature's Image crew.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

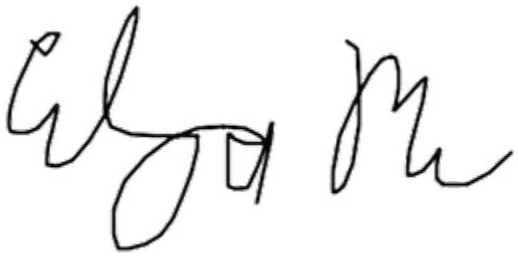
List of species observed while monitoring:
CAQU, SPTO, SOSP, CALT, WREN, CANG, BEWR, BHGR, ANHU, BLPH, MODO, EUCD, NOMO, AMRO, RCPA, AMCR, CASJ, AGOL, KILL, Desert cottontail, California ground squirrel, Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Walked to DG-4 (34.192467°N 118.174382°W) and started nesting bird survey.
0700: No nesting behavior observed in immediate area, cleared crew to work in the area.
0815: Genaro showed me an area in DG-4B that the crew would like to work in (34.192027°N 118.175102°W). Monitored the area for nesting behavior.
1015: No nesting behavior observed in the area. Updated CASJ-3 nest as inactive. Went back to the first work area to monitor wildlife.
1050-1130: Lunch break.
1130: Continued to monitor wildlife in DG-4 area.
1210: Crew finished in first work area. Went with the crew to the second work area and monitored wildlife activity.
1425: Crew finished weeding. Started cleaning up. Checked out with project manager and tomorrow's monitor. Left site.

Additional Comments
N/A

Signature



20240422_work_area_one_before_facingWest.jpg
-118.17431897222222 34.19248633333333

20240422_work_area_two_before_facingNortheast.jpg
-118.17509905555556 34.19199752777777

20240422_work_area_one_after_facingWest.jpg
-118.17432781944444 34.19244554444444

20240422_work_area_two_after_facingEast.jpg
-118.17526091666667 34.19200277777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:40	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (five), hoes (nine)
3. Gothic landscape crew of nine with Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: CALT, SOSP, BEWR, OCWA, BHGR, YBCH, HOWR, NOMO, SPTO, CAQU, WREN, AMCR, NUWO, LEGO, ANHU, BUSH, BLPH, MALL, CANG, BGGN, CASJ, WTSW, NRWS, CORA, RCPA, HOFI, MODO, CATH, CAKI
Mammals: Desert cottontail, California ground squirrel
Reptiles: Western fence lizard
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to south end of site to begin vegetation removal in DG-2 working their way south.
0715: Biologist monitors work area for any wildlife activity.
0800: Biologist begins flagging and searching for nests in DG-4 and DG-W-2.
0900: Crew takes break.
0915: Crew returns to work.
1040: Bushtits observed gathering nesting material and building nest in fork of tree.
1200: Crew takes lunch.
1230: Crew returns to work.
1425: Crew wraps up work and heads back to dumpster to throw away removed vegetation.

Additional Comments
N/A

Signature

DG-2_pre_vegetation_removal_facingNorth.jpg
-118.17254175000001 34.188210130555554

DG-2_vegetation_removed_facingNorth.jpg
-118.17254911111111 34.18809541111111

DG2_vegetation_removed_facingWest.jpg
-118.17152918055557 34.192223166666665

DG2_vegetation_removed_facingNorth.jpg
-118.1736877888889 34.18568618888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:37	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (shovels, hoes, etc.)
3. Nature's Image, crew lead 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:
WEBL, SOSP, CAKI, ACWO, MODO, CAQU, CALT, CASJ, AMRO, Green parrot sp., AMCR, ANHU, BEWR, CANG, BUSH, SPTO, California ground squirrel, Western toad, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site Some precipitation at time of arrival. Genero said they would wait to work until rain ended.
0650: Began sweep of work area (DG4 east of staging area) prior to work commencing.
0705: Work area cleared for work Natures Image crew begin weed abatement activities.
-The crew removes non-native weed species such as poison hemlock and mustard using hand tools and carries them off the site in tarps while leaving native species intact.
1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.
1435: Depart site

Additional Comments
N/A

Signature

DG-4_before_facingNortheast.jpg
-118.17511160277778 34.19199088888889

DG-4_during_facingNortheast.jpg
-118.1751175 34.19199591666666

DG-4_after_facingNortheast.jpg
-118.1750776388889 34.19203888888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	4-6 MPH	100 %
End of Day	14:52	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (five), hoes & hula hoes (nine)
3. Gothic landscape crew of nine plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: CAQU, CALT, RTHA, LEGO, AMCR, HOFI, BEWR, WREN, BHGR, CASJ, SPTO, OCWA, BGGN, YBCH, YEWA, NRWS, KILL, MALL, CANG, RCPA, CORA, MODO, WESA, ANHU, SOSP, WTSW, CATH, RCKI, NUWO, ACWO, NOMO, CAGU, BARS, TUVU, ALHU
Mammals: Pocket gopher, Desert cottontail, Coyote, California ground squirrel
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to pick up work at southern end of site in DG-2 working their way north.
0724: Steady drizzle.
0815: In water in front of the dam. One pair of mallards with 10 ducklings and a second pair with two older ducklings.
0830: Biologist searches for nests on west side of site in DG-4, DG-4C, DG-W-2, and DG-4 WOUS.
0930: Mourning dove and California scrub jay seen carrying sticks. Both flew west out of the site.
1032: Coyote heard howling on west side.
1130: Intermittent drizzle stopped.
1200: Crew takes lunch.
1230: Crew returns to work in DG-2 working their way north.
1420: Removed vegetation mainly consists of mustard and poison hemlock.
1435: Crew begins to wrap up work. Heading back to trucks to put away tools and take last load of removed vegetation to the dumpsters.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingSouth.jpg
-118.17246201944445 34.18928123055555

DG2_pre_vegetation_removal_facingNorth.jpg
-118.17263213055556 34.18958266111111

New_slope_seeded2023_partial_collapse_facingNorthNortheast.jpg
-118.17281588055556 34.19083126111111

DG2_post_vegetation_removal_facingNorth.jpg
-118.17262831944446 34.189660149999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	45 %
End of Day	15:00	67 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, RNDU, EGGO, BARS, CLSW, NAWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, RUDU, YWAR, BHGR, YBCH, WTSW, AGOL, WETA
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew finishes work in DG-1 and continues invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG-2_facingNW Photo 2: invasive_removal_DG-2_facingN

Signature

invasive_removal_DG-2_facingNorthwest.jpg

invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	50 °F	0-3 MPH	55 %
End of Day	14:30	65 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Handtools
3. Natures Image, Eight man crew (Genaro Vargas 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:
SOSP, BEWR, SPTO, CAQU, AMCR, RCPA, LEGO, CANG, BHGR, CATH, ANHU, MODO, CASJ, CALT, California ground squirrel, WREN, BGGN, AMRO, HOFI

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived onsite.
0630: Genaro Vargas shows me work area, DG-4, approximately 34.191852 N, 118.174681W. Started clearing area.
0647: Completed clearing area.
0700: Crew arrives, starts vegetation clearing (primarily poison hemlock, stinging nettle, short pod mustard),
0853: Crew breaks. Genaro Vargas leaves site to fuel up Natures Image truck.
0915: Crew returns from break. Continues vegetation clearing.
1048: Crew breaks for lunch.
1135: Crew is back from lunch.
1140: Genaro Vargas shows me the new area crew will be moving to in DG-4A, approximately 34.191727 N, 118.175467 W.
1200: New area cleared.
1232: Crew finishes vegetation clearing in first area, moves to second.
1310: Crew member finds dead baby bunny. Crew says it's the third one they've found in two week span. I flagged off the area and took a point in Fieldmaps.
1321: Crew breaks.
1344: Crew returns from break.
1418: Crew starts cleaning up for the day.
1430: Left site.

Additional Comments
N/A

Signature

Area1_before_facingEast.JPG
-118.17471111111112 34.19186388888888

Area1_during_facingSoutheast.JPG
-118.1746388888889 34.19189444444444

Area2_before_facingSouthwest.JPG
-118.17545833333334 34.191741666666665

Area2_after_facingWest.JPG
-118.17535277777779 34.19171111111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	15:00	62 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, RNDU, EGGO, BARS, CLSW, NAWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, RUDU, YEWA, BHGR, YBCH, WTSW, AGOL, WETA, COYE
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1, DG-2, and Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1, DG-2, and Johnson Field.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1, DG-2, and Johnson Field.
1500: Crew stops work for the day.

Additional Comments
Photo 1: invasive_removal_DG-2_facingNW Photo 3: invasive_removal_DG-1_facingS

Signature

invasive_removal_DG-2_facingNorthwest

Invasive_removal_JohnsonField_facingNorth.jpg

invasive_removal_DG-1_facingSouth

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: April 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:30	60 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation clearing
2. Nature's Image, hand tools/hands
3. Nine people on crew

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, BGGN, MODO, CAQU, CASJ, SPTO, BUSH, HOFI, SOSP, RCPA, BHGR, CORA, OATI, MALL, CANG, BEWR, WREN, CATH, ALHU, CALT, ACWO, NOMO, AMRO, CAKI, RSHA, WTSW, California ground squirrel, WCSP, WEBL, Desert cottontail, ANHU, OCWA, BTPI, TUVU, Western toad, NUWO, YEWA, COHA, EUST, Fox squirrel, WETA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site for pre-sweep.
0654: Gave authorization for crew to continue in work area.
0727-0740: Began drizzling, crew went back to cars to wait.
0840: Observed song sparrow (SOSP) pair (SOSP-01) feeding young. Vegetation is too dense to see young or the nest, but I could distinctly hear young begging and observed the adults with food. Flagged 25-foot buffer & told crew.
0845-0920: Break.
1050-1140: Lunch.
1300: Heard one yellow warbler song but couldn't not see nor identify the direction it was calling from. Didn't hear it again for the rest of the day.
1324-1345: Break.
1330: Updated parking lot nests (CAKI-01, BUSH-02).
1422: Cleanup gear and vegetation.
1430: End of day.

Additional Comments
N/A

Signature

Vegetation_before_clearing.jpg

Vegetation_after_clearing.jpg

Cleared_walkway.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	49 °F	0-3 MPH	100 %
End of Day	14:15	67 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration.
2. Weed/non-native removal. Hand tools.
3. Genero (foreman), 8 crew members.

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:
Yellow jacket, Western honeybee, Carpenter bee, Swallowtail sp., Ladybird beetle, Gall wasp sp. Western toad, Western fence lizard, CAQU, SOSP, BEWR, AMRO, CANG, MODO, EUCO, ACWO, NUWO, SPTO, CALT, CAKI, WEWP, BHGR, BGGN, Amazonia sp., LEGO, HOFI, CORA, CATH, WREN, Accipiter sp., ANHU, ALHU, CASJ, LEGO, WTSW, BARS, OATI, RCKI, YEWA, RSHA, AMCR, Gull sp., MALL, EUST, HOOR, Desert cottontail, California ground squirrel, Domestic dog, Coyote (tracks)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site.
0630: Went to go survey in planned work area (DG-4A and DG-W-2).
0700: Crew started work. They are removing hemlock and pepperweed.
0757: Crew notified Sam H. that they found a nest. Moved crew over to avoid nest and covered up with vegetation in DG-W-2.
0849: Cew stopped for a break.
0905: Observed a yellow warbler within work area. Seems to be passing through.
0915: Crew resumed work.
1047: Crew stopped for lunch.
1140: Crew resumed work after lunch.
1200: Found a new nest. Appears to be a song sparrow nest in the incubation phase. Moved crew to new area and established a 50ft buffer.
1321: Crew stopped for a break.
1345: Crew resumed work.
1412: Crew is wrapping up for the day.
1415: Crew finished for the day.

Additional Comments
N/A

Signature

Planned_work_area.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	53 °F	0-3 MPH	90 %
End of Day	13:51	63 °F	10-12 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (six), hoes & hula hoes (nine)
3. Gothic Landscape crew of nine with Juan as crew lead

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: NRWS, WTSW, BARS, CALT, RTHA, BEWR, RCPA, DEJU, SPTO, HOFI, ATFL, CAQU, BHGB, WREN, SOSP, CORA, ALHU, LEGO, ACWO, CASJ, WETA, YBCH, ANHU, BTPI, NOMO, KILL, COHA, EUST
Mammals: California ground squirrel, Desert cottontail
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0730: Arrived on site.
0745: Crew prepares for work in Johnson field. Starting at north end of Johnson field east of known nest buffer.
0750: Biologist monitors work area for any wildlife activity.
0830: Crew working south along trail in Johnson Field.
0915: Biologist checks on spotted towhee nest.
0920: Biologist reminds crew of two nests along trail. Crew lead instructs crew to work on other side of nest buffers once they reach the buffer.
0925: Biologist walks around nest buffers to check for additional wildlife activity.
0945: Crew moves to the other side of the nest buffers working south and then west into Johnson Field.
1100: Crew takes lunch/break.
1145: Crew heads back to continue work in Johnson Field.
1220: Crew working their way back north through Johnson Field.
1225: Crew splits into two groups to target areas within Johnson Field that have not been worked on in a while.
1325: Removed vegetation mainly consist of non-native grasses, milk thistle, scarlet pimpernel, and mustard.
1345: Crew heads out of Johnson Field to throw away last of the removed vegetation and put away tools for the day

Additional Comments
N/A

Signature

JohnsonField_pre_vegetation_removal_facingSoutheast.jpg
-118.17084322222223 34.19183066666666

JohnsonField_vegetation_removed_facingSouth.jpg
-118.17073371111111 34.19174183333333

JohnsonField_post_vegetation_removal_facingSoutheast.jpg
-118.17089068888889 34.19180955555555

JohnsonField_vegetation_removed_facingWest.jpg
-118.17118294444445 34.191487499999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	53 °F	0-3 MPH	0 %
End of Day	14:19	75 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration
2. Hoes, hand pulling
3. Genaro (foreman), Natures Image crew

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:
Oak marble gall wasp, Carpenter bee, Swallowtail sp., Western honeybee, Cabbage white, Western fence lizard, CALT, SPTO, NOFL, Amazonia sp., BEWR, ACWO, LEGO, BGGN, SOSP, OATI, CASJ, EUCO, AMRO, CAQU, CATH, YEWA, BUSH, BHGR, BUOR, NUWO, CAKI, EUST, MODO, WEBL, CEWA, WTSW, CANG, TUVU, AMCR, CORA, COHA, HOFI, RSHA, RTHA Desert cottontail, California ground squirrel, Woodrat

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0624: Arrived on site.
0645: Went to scout out work area (DG-4). Also heard a yellow warbler singing in the area but had no visual observations.
0701: Crew started work. They are removing mustard, wild radish, hemlock and pepperweed.
0805: Observed a spotted towhee with nesting material land in understory of an Oak tree. Observed a second one fly in a few seconds after and they did not emerge marked area off and moved crew elsewhere.
0847: Crew stopped for a break.
0915: Crew resumed work.
1045: Crew stopped for lunch.
1145: Crew resumed work after lunch in DG-4A.
1319: Crew stopped for break.
1345: Crew resumed work in DG-4A.
1419: Crew finished for the day.

Additional Comments
N/A

Signature

DG-4_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_starting_work.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	75 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within DG-4C and DG-W-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

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: Black Phoebe, California Quail, Acorn Woodpecker, Cassin's Kingbird, Black-headed Grosbeak, California Scrub Jay, Nuttall's Woodpecker, Song Sparrow, Mourning Dove, Bewick's Wren, Anna's Hummingbird, California Towhee, Spotted Towhee, Orange-crowned Warbler, Ash-throated Flycatcher, Yellow Warbler, Blue-grey Gnatcatcher, Chicken, Cedar Waxwing, Red-winged Blackbird, Bushtit, Lesser Goldfinch, Red-tailed Hawk, Common Raven, Northern Mockingbird, House Finch, Northern Rough-winged Swallow, American Kestrel, Canada Goose, Mallard, Killdeer, Spotted Sandpiper, Least Sandpiper, Northern Flicker, Yellow Warbler, California Thrasher, Sharp-shinned Hawk, White-throated Swift, Wrentit, European Starling
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Side-blotched lizard, Western fence lizard
Special Invertebrates: Crotch Bumble Bee

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on the west side of the project site.
0800: Discovered a California towhee (CALT) nest being built (CALT_02).
0900: Crew broke for break.
0930: Observed what was later identified to be the recent CESA candidate species the Crotch bumble bee
1000: Walked to the east side to assess weed growth and search for any new nests.
1200: Crew broke for lunch.

Additional Comments
N/A

Signature

Side_blotched_lizard_found_under_debris.JPG

Crew_weeding_DG4C.jpg
-118.17481902777779 34.19304468333333

CALT_02.JPG

Crotch_bumble_bee_feeding_on_lupine_DGW2.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:29	53 °F	0-3 MPH	50 %
End of Day	14:36	76 °F	0-3 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, crew lead 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:
SOSP, CALT, CATH, CASJ, MODO, ACWO, BEWR, SPTO, YRWA, Green parrot sp., CAQU, BGGN, AMCR, KILL, HOFI, BUSH, LEGO, ANHU, Desert cottontail, California ground squirrel, Western toad, Western fence lizard, Alligator lizard, Western side-blotched lizard, Whiptail lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0635: Began sweep of work area (DG-4A south of staging area) prior to work commencing.
0650: Work area cleared for work Nature's Image crew begin weed abatement activities.
-The crew removes non-native weed species such as poison hemlock, black mustard, and short pod mustard using hand tools and carries them off the site in tarps while leaving native species in tact.
0710: Observed a nest with a California scrub-jay (CASJ) in it. Bird was holding a twig and appeared to be nest building. The nest position was marked in field maps (CASJ-6) and 30 ft buffer established.
1045: Crew begins work in different area of DG-4A (SE of staging area).
1305: Observed a pair of bushtit (BUSH) carrying nesting material into a blue elder. The nest point was marked in field maps (BUSH-16) and 30 ft buffer established.
1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.
1435: Depart site.

Additional Comments
N/A

Signature

DG-4A_before_facingSouthwest.jpg
-118.17531002777778 34.19113333333333

DG-4A_during_facingSouthwest.jpg
-118.17535038888889 34.19109844444444

DG-4A_after_facingSouthwest.jpg
-118.17533300000001 34.1911236

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	4-6 MPH	0 %
End of Day	14:44	74 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (six), three prong/hoe cultivator, & hoes (ten).
3. Gothic Landscape crew of ten plus Juan 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: MODO, HOFI, CAQU, CASJ, ACWO, RCPA, BEWR, CALT, EUCD, SOSP, WTSW, BUSH, BGGN, ANHU, KILL, SPTO, RTHA, AMCR, HAFL, CAKI, OCWA, ALHU, HOWR, LEGO
Mammals: Pocket gopher, California ground squirrel
Reptiles: Western fence lizard, Side-blotched lizard, Coastal whiptail, Southern California legless lizard, California kingsnake
Invertebrates: Black tailed bumble bee, Checkered white, Honey bee, Eleodes sp., Swallow tail, Dragonfly,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Crew perparing for work for the day.
0650: Crew begins weeding in DG-4 & DG-4C working thier way north. Biologist monitors surrounding work area for any wildlife activity.
0735: Vegetation removed mainly consist of poison hemlock, rumex, mustard, and non-native grasses.
0825: Biologist observes black tailed bumble bee foraging on black sage.
0900: Crew takes break.
0911: Biologist observes pocket gopher.
0915: Crew returns to work in DG-4 & DG-4C working their way north.
0944: Red tailed hawk perches on electrical pole with a rodent in its talons.
1030: Crew member shows biologist legless lizard they encountered.
1050: Crew member notifies biologist of California kingsnake. Biologist instructs crew to leave the area around the rock it went under.
1200: Crew takes lunch.
1230: Crew returns to work.
1415: Crew collecting all the piles of removed vegetation to take to the dumpster.
1435: Crew takes last tarps of removed vegetation to the dumpster

Additional Comments
N/A

Signature

DG4_pre_vegetation_removal_facingSouth.jpg
-118.17429077777778 34.193392930555554

DG4_post_vegetation_removal_facingSouth.jpg
-118.17427066666667 34.19338958333333

DG4_vegetation_removed_facingNorth.jpg
-118.17430613055556 34.1933951

DG4C_Californiakingsnake_facingEast.jpg
-118.17437818055556 34.19374386111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:23	54 °F	0-3 MPH	80 %
End of Day	14:51	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration: removing non-natives including HIRINC, MELIND, LYSARV, BROMAD, POLMON, LEPLAT, FOEVUL, RAPSAT, and avena sp.
2. Crew hand pulling and using hand tools including shovel and hoe in DG- 4A restoration area.
3. Nature's Image - Foreman: Genaro with crew of six, plus two crew members working on irrigation systems.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SAPH, KILL, BUSH, BEWR, CALT, HOFI, SOSP, CLSW, OATI, LEGO, WCSP, CORA, CAQU, SPTO, BARS, YEWA, (took point in field maps), AMRO, ACWO, WREN, CANG, MODO, GREG, BGGN, WREN, BHGR, ANHU, CASJ, BHCO, AGOL, AMCR, Lorquin's admiral, Swallowtail, Painted lady, Western honey bee, Cabbage white butterfly, Wasp (V. Pennsylvanica), Western toad, Side-blotched lizard, Western fence lizard, Southern Pacific rattlesnake, Coastal whiptail (took points in field maps), California ground squirrel,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Met Genaro, he showed me the area the crew are planning on working for the day.
0640: Checked area for nesting bird activity prior to work commencing.
0705: Crew arrived on site began removing non-native plants. Focused efforts around installed plants.
0720: Updated California scrub-jay_02 (CASJ_02) - inactive - removed flagging.
0730: Sixth crew member joined the team.
0740: Monitoring crew checking ahead for nesting bird activity.
0835: Crew take break. Biologist continues monitoring birds in area.
0905: Crew resumes work.
1020: Alerted crew to basking rattlesnake ahead of where they were working, told to avoid.
1025: Crew member found Western fence lizard stuck in caging around installed plant. Biologist cut the lizard free.
1050: Crew found coastal whiptail stuck in caging around installed plant. Biologist and crew member worked together to free the lizard.
1055: Crew break for lunch.
1200: Crew resume work.
1210: Genaro left to pick some equipment up.
1250: Genaro returned and let me know that he was leaving for the day.
1320: Natures Image crew member let me know that the planted mulefat along the trail had been cut (she let me know it wasn't them) I took pictures and sent the information along to Carley.
1330: Crew takes break.
1400: Crew resume work.
1430: Crew collect removed vegetation for the day in bags and transport it back to the dump.
1445: End of monitoring.

Additional Comments

N/A

Signature

Natures_Image_crew_pulling_mustard_DG-4A_facingEast_05012024.JPG
-118.1753138888889 34.19117222222222

Natures_Image_removing_nonnative_grasses_DG-4A_facingEast_05012024.JPG
-118.17525833333333 34.19096111111111

Rattle_snake_basking_in_restoration_area_05012024.JPG
-118.1749138888889 34.19087777777777

Western_fence_lizard_rescued_from_caging_05012024.JPG
-118.17513333333333 34.191022222222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	50 %
End of Day	15:00	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: BEWR, HOFI, CALT, SPTO, CAQU, CEWA, ANHU, ACWO, MODO, BHGR, CASJ, LEGO, OATI, SOSP, YEWA, CAKI, BUSH, ECDO, NUWO, TUVU, WREN, NOMO, WETA, BGGN, MGWA, WAVI, COHA, LISP, CATH, WTSW, RSHA, CORA, MALL, AMRO, SWTH, HOWR, HOOR, CANG, WEFL, AMCO, CLSW, NRWS, GREG, SNEG, EUST, WEWP, ATFL
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Spoke and exchanged contact information with Genaro, foreman from Nature's Image, who will be working elsewhere throughout the west half of the site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit").
0900: Crew takes a break.
0915: Crew resumes work in mining pit work area.
1130: Crew discovers rattlesnake while weeding. Potential snake den marked in Field Maps and crew advised to avoid the area.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1400: Large truck arrives to dispose of weeds from the container bin by the Nature's Image staging area.
1500: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Work_near_California_towhee_nestbuffer_DG-4C_facingNortheast.jpg
-118.17423469444445 34.193812861111105

Bagged_weeds_DG-W-2_facingWest.jpg
-118.1739697138889 34.193744555555554

Rattlesnake_DG-W-2_facingNorth.JPG
-118.1739888888889 34.19393055555555

Weed_disposal_facingSouth.jpg
-118.17431741666667 34.19384501111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:27	53 °F	0-3 MPH	100 %
End of Day	14:30	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: MODO, ECDO, BEWR, CAQU, SOSP, CASJ, CEWA, SPTO, HOFI, BHGR, CAKI, NUWO, RBNU, RCPA, BGGN, ACWO, BUSH, CORA, KILL, CATH, ANHU, CANG, WEGU, BCHU, BLPH, LEGO, WTSW, ALHU, WETA, BHCO, RUDU, NRWS, CLSW, AMCO, WEFL, AMCR, LESA, SPSA, RTHA, EUST, WAVI, WEBL, ATFL, WCSP, HOOR
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote, Deer mouse

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Arrive on site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit"). Focus in the morning is on the south-facing slope by the north perimeter of the work area.
0900: Crew takes a break.
0915: Crew resumes work in mining pit work area, especially hitting the south facing slopes.
1030: Confirmed Bewicks Wrens are nesting under the dumpster at the east side of the basin by Johnson Field. Communicated finding to Juan, ICF bio staff, and ECORP (Lauren Simpson). No offloading of material or removal of trash can occur at this dumpster until the nest has fledged. One bird was observed bringing food to the nest; since no begging chicks were heard, it's assumed a female is being fed by the male while she incubates eggs.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1430: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

DG-4_weed_removal_facingWest.jpg
-118.173518075 34.1938833888888885

DG-4_post-weed_removal_facingWest.jpg
-118.17346898055555 34.19378013888888

DG-4_weed_removal_facingSouth.jpg
-118.17347677777778 34.19378974999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: May 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:30	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal (DG-4 and DG-4A)
2. Hand tools
3. Nature's Image (seven)

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:
SOSP, BGGN, ANHU, RCPA, CALT, MODO, CAKI, CAQU, NUWO, AMRO, NOMO, WETA, BARS, BHGR, BUSH, WREN, KILL, ACWO, MALL, CORA, SPTO, YEWA, CASJ, RTHA, LEGO, NRWS, CANG, BEWR, ALHU, AMCO, CATH, OATI, California ground squirrel, WTSW, Desert cottontail, HOFI, YRWA, COYE, RSHA, OCWA, Coastal whiptail, Western fence lizard, WEBL

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site for pre-sweep.
0718: Heard yellow warbler (YEWA) singing. Likely more than one YEWA due to singing in many locations throughout day; however, I only observed one at a time.
0745: Located a blue-gray gnatcatcher (BGGN) nest (BGGN-02) adjacent to work area. Territorial pair defending nest from California scrub jay. Female observed frequenting nest with food while male defends nest. Put flagging around nest buffer and informed crew of its location.
0845-0915: Break.
1050-1130: Lunch.
1156: Observed coastal whiptail. Put a point on FieldMaps.
1200: Went to check on nest status for Bewick's wren nest (BEWR-03). Could not locate nest tree due to rapid plant growth. Heard Bewick's wren (BEWR) in general area but cannot be sure of nest status.
1320-1340: Break.
1346: Updated BEWR-04 nest. Observed adult feeding young (heard begging inside cavity)
1420: Wrapping up-cleaning up vegetation and tools.

Additional Comments
N/A

Signature

Restoration_area_vegetation_growth_facing_Southeast.jpg

Restoration_area_after_weeding_facing_Southeast.jpg

Restoration_area_before_weeding_facing_E.jpg

Restoration_area_after_weeding_facing_east.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	4-6 MPH	100 %
End of Day	13:54	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (seven), hoes (nine), rakes (two), three prong/hoe cultivator (two).
3. Gothic Landscape crew of 10 plus Juan 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: MODO, CASJ, CALT, RCPA, CAQU, ACWO, WREN, BEWR, SPTO, EUCD, BUSH, ANHU, BHGB, SOSP, AMRO, LEGO, HOFI, WTSW, ALHU, CORA, CATH, BGGN, WETA, CAKI, WEFL, RTHA
Mammals: California ground squirrel, desert rabbit
Reptiles: Western fence lizard, Alligator lizard
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived at site.
0645: Crew heads to work in south end on DG-4 working their way north.
0800: Crew lead informs and shows biologist dead rabbit on site.
0830: Biologist monitors work area and future work area for any wildlife activity.
0900: Crew takes break.
0915: Crew returns to work.
0930: Biologist relocates two alligator lizards to nearby native vegetation that were heading into the removed vegetation.
1100: Biologist monitors site for potential work areas with easy access to road.
1200: Crew takes lunch.
1230: Crew returns to work area.
1245: Crew notifies biologist of bees coming from an area they are weeding. Biologist checks out area and determines there is a hive in the green irrigation box. Hazard marked on map and orange flagging tape on willow above irrigation box.
1340: Crew collecting last of removed vegetation to take to the dumpster.

Additional Comments
N/A

Signature

DG4C_dead_desert_rabbit.jpg
-118.17457408333334 34.193464166666665

DG4_pre_vegetation_removal_facingNorth.jpg
-118.17327826111112 34.19361747222222

DG4_vegetation_removed.jpg
-118.17320755555556 34.193899430555554

DG4_post_vegetation_removal_facingNorth.jpg
-118.17327569444446 34.19363002777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	52 °F	0-3 MPH	100 %
End of Day	14:45	68 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation in the restoration area.
2. Hand tools (five hoes, two shovels, and a rake)
3. Genaro Vargas (Natures Image foreman) and five additional 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:
SOSP, BHGR, CAKI, BUSH, SPTO, RTHA, BEWR, WTSW, KILL, CASJ, MALL, RSHA, CALT, ANHU, AMCR, LEGO, HOFI, CAQU, MODO, ACWO, Western side-blotched lizard, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site. It is misting a little bit.
0630: Natures Image crew arrived on site. Talked with Natures Image foreman Genaro Vargas, he showed me the work location in DG-4A, approximately 400 feet south of the southeast corner of the Natures Image yard. Began sweep of work area.
0715: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work. Crew of five Natures Image workers beginning work.
0730: One additional Natures Image crew member showed up. Now there are a total of six Natures Image workers.
0840: Observed dead juvenile desert cottontail under California sagebush, with no obvious cause of death (34.1908233, -118.1750778). Notified ECORP Project managers Lauren Simpson and Carley Adams and sent an email with photos attached.
0845: Crew taking break.
0900: Crew resuming work.
0920: Observed one Natures Image worker working on irrigation box within bushtit (BUSH) nest, BUSH-16 buffer. Asked Genero if she could move to a different irrigation box and not work in the buffer. Worker left buffer. BUSH-16 does not appear to have been disturbed.
1055: Crew heading back to staging area to take lunch. Genero is leaving for the day.
1130: Miya from CDFW arrived on site to collect rabbit. I showed her the location of the dead rabbit and she collected it.
1200: Crew resuming work.
1205: Observed juvenile desert cottontail that is alive but looks very sick on path to work area. Notified ECORP Project manager Lauren Simpson. CDWF is going to come back and collect the rabbit.
1325: Crew taking break.
1350: Crew resuming work. The rabbit fell over and is no longer up right, appears like it may die soon.
1405: CDFW biologist Miya arrived on site. I filled her in on the status of the rabbit, heading back to where the crew is working.
1418: Rabbit died.
1430: Crew done working in the restoration area, hauling tarps out.
1445: Heading off site for the day.

Additional Comments
CDFW biologist picked up two dead desert cottontails from site today.

Signature

05-03-2024_Natures_Image_Crew_removing_weeds.jpg
-118.17528608333333 34.19086105555555

05-03-2024_dead_desert_cottontail.jpg
-118.17503819444445 34.19080322222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:41	47 °F	0-3 MPH	0 %
End of Day	14:30	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation Clearing
2. Hand tools and manual pulling
3. Eduardo (acting foreman) Natures Image.

Did you observe any special-status species? ☑ Yes ☐ No
Least Bell's vireo (LBVI), Yellow warbler

Were any least Bell's Vireo detected? ☑ Yes ☐ No
One LBVI was heard singing in DG-4A in the eastern portion near a patch of mule fat. There was no visual observation but can be heard vocalizing. Took point in Fieldmaps and marked its theoretical territory.

List of species observed while monitoring:
Swallowtail Sp., Ladybird beetle, Cabbage white, Western honeybee, Red admiral, Fiery skipper, Vanessa sp., Carpenter bee, Red harvester ant, Flesh fly, Brown leather wing beetle, Painted lady Western toad (carcass). Western fence lizard, AMRO, SOSP, CALT, COYE, MODO, CAQU, BEWR, DEJU, Amazonia sp., RSHA, CEWA, SPTO, ACWO, NUWO, BUSH, LEGO, ANHU, MALL, CANG, KILL, NRWS, AMCR, YEWA, HOFI, CASJ, OATI, CATH, WTSW, BHGR, COHA, BARS, AMCO, ATFL, BGGN, CORA, CAKI, TUVU, EUST, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site.
0700- Heard one adult LBVI singing within the planned work area (DG-4A southern portion). Planning to move the crew to work in different area. Also heard yellow warbler in the same area as well. Moving to DG-4A by the trail.
0754- Crew started work in DG-4A. They are removing Bromus, hemlock, wild radish and mustard.
0845- Crew stopped for a break.
0915- Crew resumed work in DG-4A after break.
1050- Crew stopped for lunch break.
1140- Crew resumed work in DG-4A after lunch.
1315- Crew stopped for a break.
1345- Crew returned from break and resumed work.
1430- Crew finished for the day.

Additional Comments
N/A

Signature

photo_1-20240506-135302.jpg

Restoration_area_before_weeding_facing_east.jpg

Natures_Image_weeding_restoration_area_facing_east.jpg

Weeding_conducted_in_restoration_area.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	15 %
End of Day	14:22	68 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes (five), three prong/hoe cultivator (two), and hand pulling.
3. Gothic Landscape crew of ten plus Juan 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: MODO, CAQU, SOSP, BHGB, CASJ, CALT, BEWR, CAKI, AMCR, BGGN, HOFI, BUSH, WREN, KILL, ALHU, WTSW, NRWS, ANHU, SPTO, NOMO, CORA, DEJU, LEGO, AMRO, PUFI, RTHA, EUST, CATH
Mammals: Desert rabbit, California ground squirrel, Pocket gopher
Reptiles: Western fence lizard
Amphibians: Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site
0635: Crew gets ready for the day's work.
0650: Crew heads to northeast corner of DG-4 to pick up work where they left off on Friday working their way south-southwest.
0700: Crew lead and one crew member go to east side of site to work on the irrigation. Biologist monitors wildlife activity in work area.
0840: Crew takes load of removed vegetation to dumpster with truck.
0900: Crew takes break.
0915: Crew returns to work.
1000: Crew takes load of removed vegetation to dumpster with truck. Biologist monitors work area for wildlife activity and ensures that crew is within designated work area.
1100: Some tarps of removed vegetation loaded into truck. Biologist monitors future work area for any wildlife activity.
1135: More tarps being loaded into truck and taken to the dumpster.
1200: Crew takes lunch.
1230: Crew heads back into work area.
1254: Crew taking tarps of removed vegetation to truck to take to dumpster.
1320: Biologist adds additional flagging tape to nest buffer to help crew easily see no work area.
1345: Crew member informs biologist of rattlesnake they saw around the area on was previously seen.
1400: Crew lead informs biologist that on the other side of the site they connected the water meter to the main line and found six leaks.
1405: Crew wraps up work for the day. They load up the trucks and take the last load of removed vegetation to the dumpster.

Additional Comments

N/A

Signature

DG4_pre_vegetation_removal_facingSouthwest.jpg
-118.17344669444445 34.19356552777777

DG4_vegetation_removed01.jpg
-118.17313672222222 34.19389691666667

DG4_post_vegetation_removal_facingSouthwest.jpg
-118.17338805555556 34.193577722222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	51 °F	0-3 MPH	0 %
End of Day	14:28	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal
2. Hand tools, manual pulling
3. Eduardo (acting foreman) Nature's Image

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 honeybee, Darkling beetle, Yellowjacket, Swallowtail sp., Ladybird beetle sp., Carpenter bee, Cabbage white, Fiery skipper Western fence lizard, Common side-blotch, Western toad BEWR, CALT, SPTO, CASJ, ACWO, MODO, CASJ, NUWO, BGGN, HOFI, AMCR, BHGR, CATH, SOSP, CAQU, YEWA, KILL, AMRO, CANG, BUSH, NOFL, LEGO, BARS, ECDO, WTSW, WETA, ALHU, RSHA, CORA, Amazonia sp., ATFL, RTHA, COHA, MALL Desert cottontail, California ground squirrel, Woodrat Sp.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0623- Arrived on site. Went to go check on the planned work area for the day (DG-4A) by the trail.
0652- Heard YEWA calling southeast of the planned work area.
0712- Crew started work in DG-4A by the trail. They are removing pepperweed, curlydock, mustard, and Bromus.
0848- Crew stopped for a break.
0915- Crew resumed work after break.
1048- Crew stopped for lunch.
1139- Crew resumed work.
1330- Crew stopped for a break.
1356- Crew resumed work.
1430- Crew finished work for the day.

Additional Comments
N/A

Signature

Restoration_area_before_weeding_facingEast.jpg

Restoration_area_during_weeding_facingEast.jpg

Natures_Image_weeding_facingNorth.jpg

Restoration_area_after_weeding_facingEast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	74 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within DG-4.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus Juan.

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: California scrub jay, Bewick's Wren, Wrentit, Acorn Woodpecker, California Quail, Coopers Hawk, Common Raven, Black-headed Grosbeak, Bushtit, Yellow Warbler, Song Sparrow, California Towhee, Spotted Towhee, Red-crowned Parrot, Allen's Hummingbird, Red-tauled Hawk, Western Sandpiper, Spotted Sandpiper, Canada Goose, Killdeer, Northern Rough-winged Swallow, Black-throated Gray Warbler, Mallard, Nuttall's Woodpecker, Wilson's Warbler, Cassin's Kingbird, Mourning Dove, Anna's Hummingbird, Lesser Goldfinch, Northern Mockingbird, Blue-grey Gnatcatcher, Red-shouldered Hawk, House Wren, California Thrasher, White-throated Swift, Cliff Swallow, Rock Pigeon Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
1000: New disposal/vegetation bin was delivered.
1145: Crew broke for lunch All day - Biologist walked through DG-W-2 and DG-4 surveying for nests or other biological concerns.

Additional Comments
N/A

Signature

New_bin_being_delivered.jpg
-118.17520022222223 34.19270354444444

Freshly_weeded_area_east_DG-4.jpg
-118.17312494444445 34.19358525

Freshly_weeded_area_east_DG-4(2).jpg
-118.17339735277778 34.19356444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:38	50 °F	0-3 MPH	100 %
End of Day	14:37	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools and manual pulling
3. Eduardo (acting foreman) Natures Image, Chris (LACPW), Allen (LACPW), Mitzi (LACPW)

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler (YEWA)

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Darkling beetle, Yellowjacket, Painted lady, Cabbage white, Swallowtail sp., Western honeybee, Red admiral, Fiery skipper, Harvester ant, Alligator lizard, Western toad , ECDO, OATI, NUWO, CALT, BEWR, CAQU, MODO, SOSP, CANG, CORA, OATI, AMRO, CATH, ACWO, CAKI, BUSH, CASJ, BGGN, BARS, WTSW, SPTO, RSHA, CEWA, AMCR, BUSH, COHA, BHGR, RCKI, LEGO, Amazonia sp., WIWA, YEWA, HOFI, WREN, ANHU, RTHA, KILL, OATI, HUVI, GBHE, Botta's pocket gopher (carcass), California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went to go check the planned work area for today (DG-4A by the trail).
0700- Crew started working in DG-4A. They are removing hemlock, bromus, mustard, and pepperweed.
0707- Heard YEWA singing west of the working area.
0848- Crew stopped for a break.
0920- Crew resumed work after break.
1000- Went to meet with the sign removal crew (LACPW). Had the restoration crew work on a different task. Cleared planned work area as well.
1047- Restoration crew is taking their lunch.
1140- Crew resumed work after lunch.
1235- Crew stopped for a break.
1300- Crew resumed work after break.
1440- Crew finished for work for the day.

Additional Comments
N/A

Signature

DG-4A_prior_to_work_starting.jpg

Restoration_area.jpg

LACPW_starting_sign_removal.jpg

Restoration_area_after_weeding.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	10 %
End of Day	15:00	76 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within DG-4 and DG-W-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus Juan.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

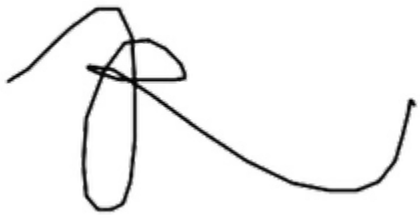
List of species observed while monitoring:
Birds: Black-headed Grosbeak, California Quail, Yellow Warbler, California Towhee, Mourning Dove, California Scrub Jay, Cassin's Kingbird, Acorn Woodpecker, Northern Mockingbird, Anna's Hummingbird, Bushtit, Nuttall's Woodpecker, Song Sparrow, Spotted Towhee, Bewick's Wren, Red-crowned Parrot, Blue-grey Gnatcatcher, Lesser Goldfinch, Wilson's Warbler, Warbling Vireo, Cooper's Hawk, Western Tanager, Common Raven, Northern Rough-winged Swallow, Black Phoebe, American Coot, Mallard, Canada Goose, House Finch, Spotted Sandpiper, Red-tailed Hawk, Western Bluebird, House Wren, White-throated Swift, Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel, Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site
1000: Biologist walked over to east site to survey for any new nests or weed concerns.
1145: Crew broke for lunch,

Additional Comments
N/A

Signature



Crew_weeding_DG-W-2.jpg
-118.17397201111112 34.19354758333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	54 °F	0-3 MPH	100 %
End of Day	14:42	77 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing (HIRINC, MELIND, BROMAD, POLMON, LEPLAT, FOEVUL, LYSARV, PLAARE and nonnative grasses including bromus and avena).
2. Hand pulling and hand tools (hoe, spade, rake).
3. Ed Lalo (acting foreman) four crew members pulling weeds, two maintaining irrigation.

Did you observe any special-status species? ☑ Yes ☐ No
Least Bell's vireo, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

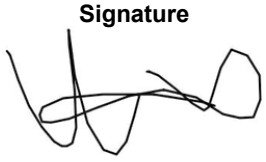
List of species observed while monitoring:
YEWA, CAQU, MODO, CALT, BHGR, CASJ, LEGO, ANHU, SPTO, BEWR, SOSP, HOFI, NOMO, ACWO, CAKI, AMRO, NUWO, AMCR, WCSP, RWBL, BUSH, KILL, HOSP, CANG, Side-blotched lizard, Western fence lizard, Western toad, Cottontail, California ground squirrel, Western honey bee, Western swallowtail, Painted lady butterfly, Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site. Ed showed me the area that they will be working on today (DG-4A). Surveyed for nesting bird activity.
0730: Crew began pulling nonnative vegetation.
0800: Heard a yellow warbler singing, observed on cottonwood branch.
0840: Cew took break.
0920: Crew resumed.
1048: Crew break for lunch.
1140: Crew resumed.
1305: Crew took a break.
1420: Finished pulling weeds for the day, loading tarps and taking removed veg back to the dumpsters.
1440: End of monitoring.

Additional Comments
N/A

Signature



050924_crew_hand_pulling_nonnatives_facingNorth.JPG
-118.17521388888889 34.190641666666664

050924_crew_removing_nonnatives_DG-4A_facingNorth.JPG
-118.17515 34.19071388888889

050924_loading_vegetation_onto_tarp_facingWest.JPG
-118.17514722222222 34.19073333333333

050924_coastal_whiptail_basking_on_a_log.JPG
-118.17511666666667 34.19033611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	4-6 MPH	100 %
End of Day	14:35	72 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and irrigation maintenance.
2. Tarps (seven), hoes (five), cultivators (three), and hand pulling.
3. Gothic Landscape crew of ten plus Juan 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: MODO, RTHA, CAQU, CALT, CASJ, BUSH, WCSP, BHGB, BEWR, EUST, LEGO, ANHU, HOFI, YEWA, ACWO, CEDW, SOSP, WREN, SPTO, COHA, RCPA, BGGN, OATI, ALHU, CATH, EUCD, HAFL, CAKI, NOHA, TOWA, MALL, AMCR, CORA
Mammals: California ground squirrel, Desert cottontail
Reptiles: Western fence lizard, Side-blotched lizard, Alligator lizard, Costal whiptail
Amphibians: Western toad
Invertebrates: Black-tailed bumblebee, Swallowtail, Ladybird beetle, Red admiral

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0640: Majority of crew heads to pick up work in DG-4. Two crew members went to work on the irrigation on the east side. The biologist monitors wildlife on the west side taking photos of the progress.
0900: Crew takes break.
0915: Crew returns to work.
1100: Biologist monitors immediate work area for wildlife activity. Noticed potential woodpecker nest, monitors to determine if active.
1200: Crew takes lunch.
1230: Crew returns to work. The water technician notifies biologist of dead rabbits on east side found yesterday, but now gone.
1320: Biologist observes carpenter bee going into nest.
1430: Crew throws away last tarps of removed vegetation for the day and cleans up for the day.

Additional Comments
N/A

Signature

DG4_vegetation_removed02.jpg
-118.17349113055556 34.19340611111111

DG4_pre_vegetation_removal_facingWest.jpg
-118.17367561944445 34.19317294444444

DG4_alligator_lizards_fighting.jpg
-118.17373047222223 34.19312296111111

DG4_post_vegetation_removal_facingWest.jpg
-118.17369386111112 34.19318428888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	55 °F	0-3 MPH	100 %
End of Day	14:25	77 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal
2. Weed wackers, hand tools, hand pulling
3. Eduardo (acting foreman) Nature's Image

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:
Yellowjacket, Carpenter bee, Western honeybee, Tarantula hawk, Swallowtail sp., Red admiral, Cabbage white, Painted lady, Dragonfly sp. Western toad (carcass), Common side-blotch, Western whiptail, Western fence lizard, ECDO, YEWA, SOSP, BEWR, CAQU, AMRO, WREN, SPTO, CAKI, NUWO, HOFI, LEGO, CANG, MALL, KILL, CATH, BHGR, CALT, BUSH, CASJ, MODO, ANHU, ACWO, AMCR, BARS, WTSW, RSHA, AMCO, Amazonia sp., CORA, ATFL, BRBL, OATI, RTHA, COHA Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site.
0630- Went to go check on DG-4A (planned work area).
0640- Heard YEWA singing near the planned work area.
0700- Crew started work. They are removing grass, bromus, hemlock, and mustard.
0834- Crew stopped for a break.
0900- Crew resumed work.
1048- Crew stopped for lunch.
1130- Crew resumed work after lunch.
1234- Crew stopped for break.
1300- Crew resumed work after break.
1430- Crew finished for the day.

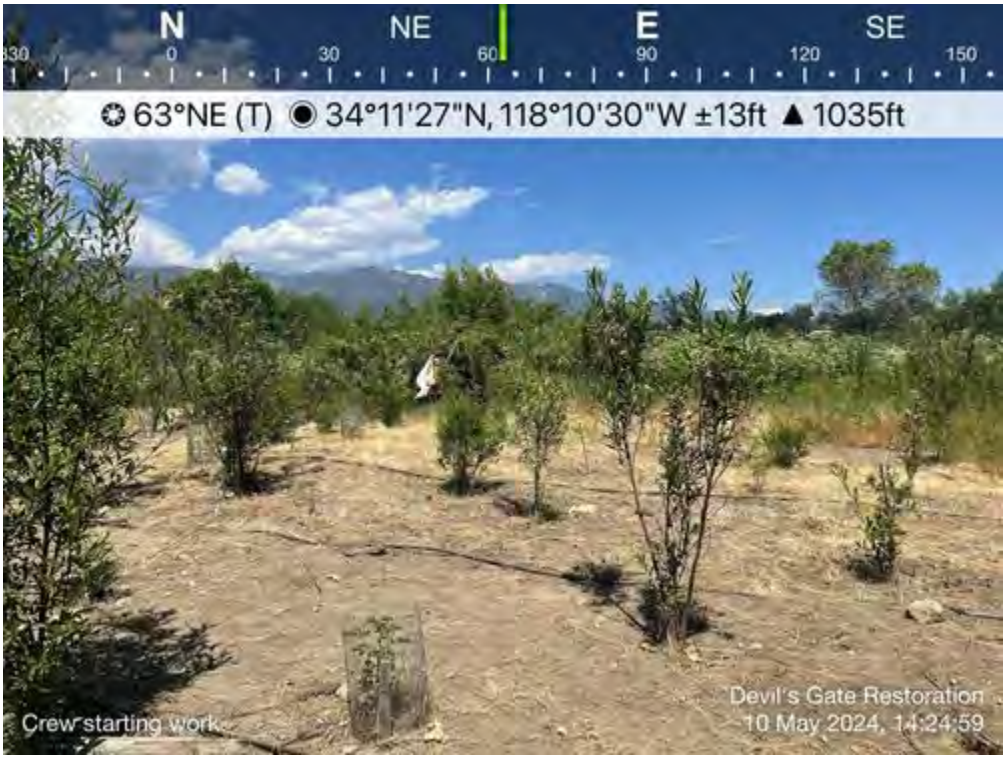
Additional Comments
N/A

Signature

DG-4A_prior_to_work_facing_South.jpg

Crew_starting_work_facing_East.jpg

Crew_starting_work_facing_Eastjpg



Crew_starting_work_facing_East.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	60 %
End of Day	14:00	78 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal within DG-4 and DG-W-2
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of ten plus Juan

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

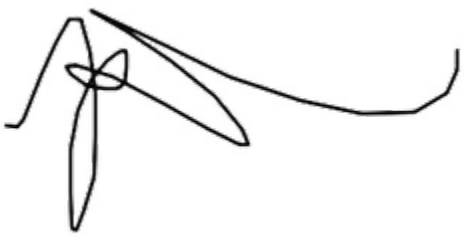
List of species observed while monitoring:
Birds: Black-headed grosbeak, California quail, California scrub jay, European starling, Song sparrow, Spotted towhee, Acorn woodpecker, Cassin's kingbird, California towhee, Blue-grey gnatcatcher, Bewick's wren, Nuttall's woodpecker, Northern mockingbird, Bushtit, Ash-throated flycatcher, Lesser goldfinch, Anna's hummingbird, Common raven, Killdeer, Northern rough-winged swallow, House wren, Yellow warbler, House finch, Bewick's wren, Red-tailed hawk, Orange-crowned warbler, Wrentit, Mourning dove, California thrasher, American crow, Cliff swallow, White-throated swift, American coot, Mallard, Black phoebe
Mammals: Audubon's cottontail, Beechey ground squirrel, Fox squirrel, Pocket gopher
Herps: Western fence lizard, Side-blotched lizard, Coastal whiptail, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0800: Discovered a new California scrub-jay nest, CASJ-07. The nest is currently being built.
0830: Biologist walked over to east site to survey for any new nests or weed concerns.
1000: Returned to west side.
1145: Crew broke for lunch.
1230: Discovered irrigation leak and notified Natures Image.

Additional Comments
N/A

Signature



Weeded_vs_unweeded_area_DG-4.jpg
-118.17380752777778 34.19313636111111

Unweeded_area_DG-4.jpg
-118.17353243611112 34.19297886111111

Newly_weeded_area_DG-4.jpg
-118.17352812777779 34.19297336111111

Irrigation_leak_DG-W-2.jpg
-118.17462861111112 34.19238029444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:16	60 °F	0-3 MPH	100 %
End of Day	14:50	73 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: WEBL, EUST, ECDO, MODO, CAQU, NOMO, BEWR, RCPA, CEWA, SPTO, CASJ, NUWO, CATH, CALT, BHGR, ACWO, CAKI, WEWP, CORA, SOSP, BUSH, HOFI, LEGO, YEWA, ANHU, CLSW, BLPH, BGGN, COYE, WTSW, WEFL, OCWA, KILL, NRWS, MALL, DEJU, CANG, BARS, RSHA, HAFL, ALHU, COHA, WREN, HOWR, AMCR, WAVI, AMRO
Amphibians: NA
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrive on site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the project while the rest focus on the west work area by the Nature's Image staging area.
0900: Crew takes a break.
0915: Crew resumes work in mining pit work area.
1030: Bewick's wren activity at nest still being observed at east side dumpster. Informed Juan.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1450: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_near_DG-4_facingWest.jpg
-118.17343561111112 34.19309413888889

Work_by_Acorn_woodpecker_nest_buffer_facingNorth.jpg
-118.17381484722223 34.193107194444444

COHA_incubation_facingEast.jpg
-118.17173968611111 34.189962341666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:25	54 °F	0-3 MPH	100 %
End of Day	15:00	75 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative vegetation in restoration area.
2. Hand tools (five hoes, three shovels, one rake) and two weed whackers.
3. Genaro Vargas (Nature's Image foreman) and five additional 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:
CAQA, SPTO, CALT, LEGO, AMCR, BHGR, COYE, SOSP, AMRO, BEWR, BUSH, CASJ, ANHU, MODO, CATH, KILL, HOFI, MALL, WTSW, RSHA, WEKI, NOMO, WREN, ACWO, CLSW, Western fence lizard, Western side-blotched lizard, Coastal whiptail (34.191237, -118.175403), Desert cottontail, Coyote.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Arrived on site and talked with Nature's Image foreman, Genaro Vargas, about the plan for the day. Genaro showed me the work location in DG-4A, approximately 600 feet south of the southeast corner of the Nature's Image yard. Began sweep of work area.
0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work.
0655: Crew of six Nature's image workers beginning work. Pulling nonnative vegetation from DG-4A. Crew using hand tools including shovels, rakes, and hoes. The crew also using two weed whackers.
0837: Crew going on break.
0900: Crew resuming work in DG-4A removing non-native vegetation.
1052: Crew taking lunch.
1200: Crew resuming work in DG-4A removing non-native vegetation.
1340: Crew taking break.
1405: Crew resuming work in DG-4A, beginning to rake up areas of nonnative vegetation that were cut using the weed whacker.
1430: Crew beginning to haul out nonnative vegetation.
1455: Crew done working in the restoration area for the day.
1500: Leaving site.

Additional Comments
N/A

Signature

05-13-24_Nature's_Image_crew_removing_nonnatives.jpg
-118.17509026388889 34.19081135

05-14-24_Natures_Image_crew_removing_nonnative_vegetation.jpg
-118.17517306388889 34.190728

05-13-24_Natures_Image_crew_removing_nonnative_vegetation.jpg
-118.17503290833334 34.19063020555555

05-13-24_raking_up_weed_whacking_debris.jpg
-118.17515389722223 34.19063720833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	53 °F	0-3 MPH	100 %
End of Day	14:35	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal within the southeast corner of the 5.2-acre polygon located on the west side of the Arroyo Seco.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan 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: SOSP, SPTO, CAQU, CATH, BEWR, HOWR, ACWO, NUWO, CALT, BUSH, BHGR, CASJ, HOFI, ANHU, ALHU, RTHA, TUVU, NRWS
Reptiles: Western fence lizards, Gopher snake
Mammals: Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: tailgate and field prep.
0650: Crew removing weeds, mostly poison hemlock, from the southwest corner of the 5.2 acre polygon located on the west side of Arroyo Seco..
0900: Crew takes a break.
0915: Crew back to work removing invasive weeds at the same location.
1200: Crew breaks for lunch.
1230: Crew returns to work removing invasive vegetation at the same location.
1430: Crew stops work for the day.

Additional Comments
N/A

Signature

invasive_weed_removal_facingNortheast.jpg
-118.17397095277778 34.1924825

Conditions_at_start_of_day_facingSouthwest.jpg
-118.17392154722222 34.19252108333333

Invasive_vegetation_removal_facingSouthwest.jpg
-118.17356744444444 34.192378516666665

Invasive_vegetation_removal_facingNorth.jpg
-118.17379137777779 34.19239594444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	52 °F	0-3 MPH	100 %
End of Day	14:35	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative vegetation in restoration area.
2. Hand tools (five hoes, three shovels, three rakes) and two weed whackers.
3. Genaro Vargas (Nature's Image foreman) and eight additional Natures Image workers.

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:
CAQA, SPTO, CALT, LEGO, AMCR, BHGR, COYE, SOSP, BEWR, BUSH, CASJ, ANHU, MODO, KILL, YEWA, HOFI, MALL, WTSW, WEKI, NOMO, ACWO, AMCO, CANG, CLSW, RTHA, BARS, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Alligator lizard, Gopher snake, Southern pacific rattlesnake, Western toad, Desert cottontail, Coyote, and California ground squirrel.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site.
0630: Nature's Image arrived on site. Talked with foreman, Genaro Vargas, about the plan for the day, they will continue work in the same area as yesterday, near DG-4A, approximately 700 feet south of the southeast corner of the Nature's Image yard. Began sweep of work area.
0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work.
0705: Crew of nine Nature's Image workers beginning work. Pulling nonnative vegetation from DG-4A. Crew using hand tools including shovels, rakes, and hoes. Crew is also using two weed whackers. Genaro told me that two crew member will be working on irrigation throughout the day.
0835: Crew going on break. Heard and observed one yellow warbler in willow patch east of the restoration are on the western bank of the wash (34.190573, -118.174393).
0900: Crew resuming work in DG-4A removing non-native vegetation.
1000: Checked nest status for a blue-gray gnatcatcher(BGGN) nest, BGGN-02, nest appears to have fledged. No BGGN observed in area and no nest was observed at the previously documented location. Since the previous nest status was feeding chicks, it is likely the nest fledged.
1050: Crew taking lunch.
1205: Crew resuming work in DG-4A removing non-native vegetation.
1340: Crew taking break.
1400: Crew resuming work in DG-4A.
1430: Crew done working in the restoration area, beginning to haul out nonnative vegetation and equipment.
1435: Leaving site.

Additional Comments
N/A

Signature

05-14-24_Natures_Image_using_a_weed_whacker
-118.17490190833334 34.190895722222216

05-14-24_Natures_Image_crew_removing_nonnatives_by_hand.jpg
-118.17498098888889 34.19060124999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	54 °F	0-3 MPH	100 %
End of Day	14:52	67 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: LEGO, BHGR, BEWR, CASJ, CAKI, MODO, RCPA, SPTO, NUWO, CATH, SOSP, YEWA, CAQU, ANHU, WEBL, BUSH, MALL, CANG, WEFL, ALHU, HOFI, WREN, ACWO, BGGN, NRWS, WTSW, CALT, TUVU, WAVI, WEWP, BLPH, COHA, CLSW, CORA, AMCR, RUDU, HUVI, KILL, ATFL, RTHA
Amphibians: NA
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of nonnative weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the Project while the rest focus on the west work area by the Nature's Image staging area. The two workers will shut off irrigation on the east side following lunch.
0900: Crew takes a break.
0915: Crew resumes work in mining pit work area and greater DG-4 area.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1300: Found three different nests today (towhee, bushtit, and Hutton's Vireo). Informed Juan of the new buffers and avoidance areas.
1450: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_DG-4_facingNorth.jpg
-118.17373736111112 34.19251158333333

Hemlock_removal_DG-4_facingNorthwest.jpg
-118.17369220277779 34.19273068055555

Post-weed_removal_DG-4_facingSouth.jpg
-118.17372739722222 34.192943611111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:33	67 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools, weed whackers
3. Nature's 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:
SPTO, CAQU, COYE, CALT, BHGR, LEGO, BEWR, BLPH, CASJ, KILL, ANHU, SOSP, WREN, BUSH, CATH, CANG, YEWA, AMRO, HOFI, WTSW, RCPA, WCSP, California ground squirrel, Desert cottontail, MODO, BGGN, ACWO, AMCR

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site. Checked in with Genaro. Started nesting bird survey in DG-4A (34.190620°N 118.174969°W).
0700: No nesting behavior observed in work area. Crew approved to start work. Monitored wildlife activity.
0725-0825: Observed bushtit (BUSH) nest, BUSH-16. No BUSH observed in the area. Updated nest point as inactive and removed flagging.
0855-0955 Observed California scrub-jay and California towhee nest, CASJ-6 and CALT-1. Both nests still active. Updated points in field map.
1045-1145: Crew's lunch break.
1145: Continued monitoring wildlife activity.
1320-1350: Crew's afternoon break.
1420: Crew finished pulling weeds. Started cleaning up for the day. Headed back to the car.
1435: Left site.

Additional Comments
N/A

Signature

20240515_work_area_before_facingSoutheast.jpg
-118.17505504166667 34.19066177777778

20240515_work_area_end_of_day_facingSoutheast.jpg
-118.17502780555556 34.190778861111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:38	55 °F	0-3 MPH	100 %
End of Day	14:45	71 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: HOFI, SPTO, CAKI, NUWO, BHGR, CAQU, MODO, SOSP, BUSH, BEWR, CALT, ACWO, CASJ, WEWP, BGGN, WEFL, RCPA, CORA, CANG, LEGO, ALHU, CLSW, BARS, NRWS, WEBL, WIWA, ATFL, CATH, ANHU, WETA, RSHA, MALL, BLPH, COYE, WTSW
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of nonnative weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the Project while the rest focus on the west work area by the Nature's Image staging area. The two workers will shut off irrigation on the east side following lunch.
0830: Inspected new dumpster that was staged near the south side of the east site by the LADPW dredge staging area. It was apparently brought yesterday afternoon. Gothic will start on the east side next week for weed removals and will use the new dumpster for trash disposal.
0900: Crew takes a break.
0915: Crew resumes work in mining pit work area and greater DG-4 area.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1245: Juan heads to the east side to plug holes in the new dumpster to prevent nesting from occurring.
1450: Gothic crew finishes work for the day and demobilzes. They will not be working tomorrow on Friday (5/17) due to a safety training they need to attend in Las Vegas.

Additional Comments
N/A

Signature

Hemlock_removal_DG-W-2_facingWest.jpg
-118.17375394444444 34.19293051388888

Weed_clearance_DG-W-2_facingWest.jpg
-118.17385848611111 34.192904111111105

New_dumpster_DG-2_facingSouth.jpg
-118.17271704722222 34.188250222222216

Weeding_progress_DG-W-2_facingWest.jpg
-118.17399301111112 34.19275425

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	0-3 MPH	100 %
End of Day	14:35	73 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools, weed wackers
3. Nature's 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:
LEGO, COYE, BEWR, SOSP, KILL, HOFI, YEWA, BHGR, AMRO, CALT, AMCR, SPTO, NOMO, ANHU, BUSH, CAQU, Desert cottontail, MODO, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Started nesting bird survey in DG-4A.
0700: No nesting behavior observed in the area. Cleared crew to start work. Monitored wildlife activity.
1045-1145: Crew's lunch break.
1145: Continued to monitor wildlife activity.
1420: Crew finished weeding for the day. Started cleaning up. Sent update to project manager and tomorrow's monitor.
1435: Left site.

Additional Comments
N/A

Signature

20240516_work_area_before_facingSoutheast.jpg
-118.17487207222223 34.19057876944444

20240516_work_area_end_of_day_facingNortheast.jpg
-118.17482734444445 34.190362824999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: May 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:29	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. Hand tools
3. Eight, Nature's Image ,Genero (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:
CALT, BUSH, AMCR, CATH, CAKI, SOSP, HOFI, ACWO, BHGR, SPTO, Amazonia sp., NRWS, AMCO, KILL, MALL, CASJ, CAQU, WREN, WTSW, MODO, ANHU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0629: Crew began arriving.
0645: Genero took me to the work area.
0715: Crew clear to start work.
0720: Crew continued weeding in two spots. Same area of DG-4A and DG-4 as yesterday.
0745: Crew member found dead rabbit and a point was taken.
0800: Tatiana started checking irrigation.
0848: Crew left for first break.
0917: Crew began returning from break and resuming weeding.
0950: Went with Tatiana to open valve near recently inactive bushtit nest.
1010: Some crew began taking full tarps to dumpster. While the rest continued to weed.
1045: Crew broke for lunch.
1100: Saw adult California kingbird with possibly three fledgling displaying feeding behavior to be fed by adult. Birds observed perched on power line by parking lot.
1140: Crew returned from lunch.
1150: Some crew continued to take full tarps to dumpster while the rest continued to weed.
1200: Crew finished both areas. Focusing on packing out removed weeds before moving to third area. Tatiana went to work on irrigation on the east side.
1215: Finished clearing third area for crew to start in.
1223: Linda went to clear path to third area.
1322: Crew broke for second break.
1350: Crew started returning from second break.
1355: Crew resumed taking full tarps to dumpster.
1415: Crew took the last tarp for the day and began bringing everything back to the shipping container.
1430: Crew leaving for the day.

Additional Comments
N/A

Signature

area_1_before_facingEast.jpg
-118.17506 34.190842777777775

area_1_during_facingEast.jpg
-118.1750588888889 34.19096083333333

area_1_after_facingEast.jpg
-118.17515083333333 34.190847777777776

clearing_path_facingSouthwest.jpg
-118.17519 34.190638888888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:45	69 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Gothic crew removing invasive nonnative weeds along east side of Arroyo Seco. Located on southwest corner of restoration area along bank of the Arroyo Seco.
2. Crew using hand tools
3. Gothic crew comprised of ten guys plus foreman Juan.

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: CAQU, CALT, NOMO, CLSW, TUVU, CASJ, BUSH, WREN, CALT, SPTO, ANHU, BLPH, SAPH, CAKI, ACWO, NUWO, BEWR, NRSW, CANG, RSHA, MALL, BARS, WTSW, AMCO, BHGR, YEWA, CORA, KILL, OCWA
Mammals: Desert cottontail
Reptiles: California toad, Western fence lizard,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Biologist arrived.
0700- Gothic arrived.
0715- Gothic crew removing invasive weeds on east side of Arroyo Seco, southwest corner of restoration area.
0900- Crew on brief break.
0915- Crew returning to removal of invasive weeds at the same location.
1200- Crew on lunch break.
1230- Crew returning to removal of invasive weeds at the same location.
1430- Crew wrapping up field activities for the day.
1445- Biologist leaving site.

Additional Comments
N/A

Signature

Invasive_weed_removal_facingNorth.jpg
-118.17318966666667 34.18819391666666

Invasive_weed_removal_facingNortheast.jpg
-118.17343594444445 34.18836275833333

Progress_Invasive_weed_removal_facingNortheast.jpg
-118.17339155555555 34.18843506388889

Invasive_vegetation_removal_FacingSouthwest.jpg
-118.17262516666668 34.18957067777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: May 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:18	53 °F	0-3 MPH	100 %
End of Day	14:30	69 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hoes, shovels
3. Natures Image (Genaro Vargas 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:
CASJ, SOSP, BUSH, SPTO, NUWO, CALT, BEWR, CAQU, MODO, CANG, RCPA, Cottontail, CORA, ALHU, MALL, BHGR, BGGN, California ground squirrel, BLPH, LEGO, BARS

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0618: Arrived onsite.
0630: Genaro Vargas (Natures Image foreman) shows me work area for the day. Crew is working in DG-4 approximately 34.190621°N 118.175212°W. Area marked as potential least Bell's vireo (LBVI) territory' on map.
0655: No LBVI heard singing or seen in area. I cleared the area for the crew.
0700: Crew starts working. Pulling mostly poison hemlock.
0749: Crew pauses for drizzle to stop.
0755: Genaro Vargas leaves site. Returns at
0812-0905: Drizzle stopped. Marine layer present with very slight mist. The crew still paused.
1026: Crew returns to work.
1047: Crew breaks for lunch.
1140: Crew returns from lunch.
1318: Crew goes to break.
1351: Crew returns from break.
1400: East side crew leaves for the day.
1414: Crew starts cleaning up for the day.
1430: Left site.

Additional Comments
East side crew assisting.

Signature

Work_area_facingSouthwest.jpg

During_facingSouthwest.jpg

During2_facingNortheast.jpg

End_of_day_facingSoutheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	59 °F	0-3 MPH	100 %
End of Day	14:33	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Removing nonnative vegetation (HIRINC, poison hemlock, radish, Italian thistle, BROMAD, scarlet pimpernel) from DG-4A by hand and using hand tools. Genaro (Natures Image) with eight crew (two on irrigation), and Alberto (Perris) with three crew members (total 13 crew).

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, SPTO, WTSW, CAQU, SOSP, COYE, NOMO, CASJ, AMRO, CANG, DEJU, HOFI, LEGO, AMCR, ACWO, BUSH, CATH, NUWO, BEWR, BGGN, WREN, BHGR, MODO, ANHU, CORA, KILL, YEWA, CORA, California ground squirrel, Coyote, Cottontail, Side-blotched lizard, Western fence lizard, Western toad, Mourning cloak butterfly, Cabbage white butterfly, Western swallowtail, Western honey bee, Lorquin's admiral

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Met with Genaro - showed me area of site that the crew intends to work today.
0640: Conducted pre-works check for nesting bird activity in intended works area.
0710: Crew arrived on site.
0805: Observed new bushtit nest (BUSH_17) feeding young.
0830: Crew took a break.
0835: Heard and then observed yellow warbler perched on a willow branch.
0905: Crew resumed.
1045: Crew break for lunch.
1205: Crew returns from lunch.
1325: Crew break.
1350: Crew returns to work.
1415: Packing up site for the day - taking removed vegetation to the dumpsters. Biologist completed log.
1430: End of monitoring.

Additional Comments
N/A

Signature

052124_facingSouth_during_vegetation_removal.JPG
-118.17574722222223 34.19017777777778

052124_facingNorth_after_vegetatino_removal.JPG
-118.17579444444445 34.19005555555555

052124_after_vegetation_removal_facingSouth.JPG
-118.1757638888889 34.19018888888888

052124_crew_removing_nonnative_vegetation_facingEast.JPG
-118.17562222222223 34.19029999999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	90 %
End of Day	15:00	75 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) abd hand pulling
3. Gothic Landscape crew of ten plus crew lead Juan

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: Mallard, Northern Rough-winged Swallow, Red-crowned Parrot, Yellow Warbler, Black-headed Grosbeak, Spotted Towhee, California Towhee, California Scrub Jay, Bewick's Wren, Song Sparrow, Anna's Hummingbird, Allen's Hummingbird, Wrentit, Lesser Goldfinch, Nuttall's Woodpecker, Bushtit, Northern Mockingbird, House Wren, Killdeer, Blue-gray Gnatcagcher, California Quail, Common Raven, Cooper's Hawk, Red-tailed Hawk, Orange-crowned Warbler, Oak Titmouse, California Thrasher, Ruddy Duck, American Coot, Cliff Swallow, Bufflehead, Turkey Vulture, Pacific-slope/Western Flycatcher, Red-shouldered Hawk
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Fence Lizard, Western Toad, Side-blotched Lizard,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0830: Crew moved from slopes to DG-3A.
0930: Walked DG-2 and Johnson Field to assess potential problem areas and search for new nests.
1030: Confirmed continued activity of Bewick's wren nest in bin.
1200: Crew broke for lunch.
1230: Crew moved to the south end of DG-2.

Additional Comments
Numerous toadlets/recent metamorphs of the Western toad were observed around DG-3A, tens of thousands of soon to be metamorphs are visible in the side drainage near DG-3A. A mass metamorph event is likely within the next 1-2 weeks.

Signature

Crew-weeding-slopes.jpg
-118.17285973611112 34.18936158333333

Crew-weeding-below-DG3A.jpg
-118.17359326388889 34.18577576111111

Male-Ruddy-Duck.JPG

Western-Toadlet.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	53 °F	0-3 MPH	100 %
End of Day	14:50	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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: YEWA, SPTO, BEWR, CALT, MALL, AMCO, SOSP, AMCR, CASJ, KILL, WEFL, WTSW, NRWS, CLSW, WREN, BUSH, BHGR, LEGO, BGGN, ANHU, HOOR, CANG, ALHU, ECDO, HOFI, RUDU, BARS, TUVU, NUWO, WEWP, HUVI, OATI, RSHA, RTHA, BLPH, CAQU, COHA, HOWR, MODO, CAKI, AMRO, NOMO, CORA, ATFL, CATH
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals within DG-2 and DG-2B on the east side of the basin. Targeted species mainly include poison hemlock, scarlet pimpernel, and mustard grasses.
0810: Observed a yellow warbler building nest on edge of willow thicket by western portion of basin adjacent to the sandy wash. Updated nest point in field maps.
0900: Crew takes a break.
0915: Crew resumes work along the east side gradually working northward and along the west-facing slopes.
1000: Located a yellow warbler nest on the west side of the basin in a willow thicket by the water's edge. Marked the map in Field Maps, informed ICF staff and Lauren Simpson of ECORP. Marked 100 ft avoidance buffer.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1450: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

DG-2_weed_removal_facingSouth.jpg
-118.17219110555556 34.189625730555555

Song_sparrow_nest_DG-2_facingSouth.jpg
-118.17201444444444 34.189977416666665

Incubating_Coopers_hawk_nest_facingEast.jpg
-118.17172642222222 34.18994262499999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:43	53 °F	0-3 MPH	100 %
End of Day	14:16	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (Weeding).
2. Manual hand pulling, hand tools.
3. Genaro (Nature's Image foreman).

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:
Leaf hopper, Western honeybee, Carpenter bee, Cabbage white, Swallowtail sp., Vanessa sp. Western fence lizard, Common side-blotch, Coastal whiptail, BEWR, SOSP, AMRO, BHGR, AMCR, ECDO, SPTO, CALT, LEGO, BUSH, ACWO, HOFI, CASJ, CANG, MODO, CAQU, BARS, CORA, ANHU, CAKI, NUWO, RSHA, CAQU, KILL, Amazonia sp., WTSW, MALL, YEWA, NOFL, CATH, COHA, California ground squirrel, Peromyscus sp., Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0627- Arrived on site.
0630- Went to check planned work area (DG-4A near the trail.)
0705- Crew started work in DG-4A. They are removing mustard, hemlock, *Bromus* spp., Italian thistle, Erodium, and pepperweed.
0757- Heard a yellow warbler vocalizing south of the work area in DG-4A.
0837- Crew stopped for a break.
0905- Crew resumed work after break.
1045- Crew stopped for lunch.
1200- Crew resumed work after lunch.
1306- Observed a single Coastal whiptail in the work area.
1320- Crew stopped for a break.
1345- Crew resumed work after break.
1415- Crew is finished for the day.

Additional Comments
N/A

Signature

DG-4A_prior_to_work_starting_Southwest.jpg

Crew_starting_work_facing_NW.jpg

Crew_working_facing_South.jpg

Crew_finished_for_the_day_facing_Southwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:30	70 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removal of invasive weeds on east side Arroyo Seco. Located near the northwest corner of restoration site in DG-2.
2. Hand tools.
3. Contractor is Gothic, and today's crew includes ten men plus foreman Juan.

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, YEWA, OCWA, SPTO, WREN, LEGO, NOMO, BLPH, CANG, CLSW, WTSW, SOSP, BGGN, CATH, OATI, ACWO, NUWO, KILL, MALL, TUVU, CORA, HOWR, BEWR, BNST, BARS, BHGR, CASJ, CAQU, BUSH
Mammals: Desert cottontail, California ground squirrel
Reptiles: California toad, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Gothic and biologist onsite.
0640- Crew initiating todays activities. Crew is working on east side of Arroyo Seco in DG-2 near the northwest corner of the restoration site. Crew is removing non-native, invasive weeds.
0900- Crew on break
0915- Crew returning to same area to remove invasive weeds.
1200- Crew on lunch break.
1230- Crew returning to the task of removing invasive weeds. Now working along northeast corner of the restoration area, adjacent to maintenance road/public trail.
1445- Crew done for the day and biologist leaving site.

Additional Comments
N/A

Signature

Removing_invasive_weeds_facingNorth.jpg
-118.17235172222223 34.19122347222222

Gothic_using_hand_tools.jpg
-118.17211660555556 34.190781055555554

Gothic_performing_nonnative_removal_with_hand_tools.jpg
-118.17245618888889 34.191211519444444

Crew_disposing_removed_weeds_facingSouthwest.jpg
-118.17252544444445 34.18814840555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	52 °F	0-3 MPH	100 %
End of Day	14:25	70 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools, weed wackers
3. Nature's 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:
BGGN, SOSP, BUSH, SPTO, BEWR, HOFI, CALT, BHGR, ANHU, AMRO, LEGO, CASJ, California ground squirrel, NUWO, Western fence lizard, BLPH, RSHA, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.190031°N 118.175795°W).
0700: No nesting behavior observed in the area. Cleared the crew to start work. Monitored wildlife activity.
1045-1200: Crew's lunch.
1200: Continued monitoring wildlife activity.
1415: Crew finished weeding, started cleanup. Walked back to the car. Updated the next day's monitor.
1425: Left site.

Additional Comments
N/A

Signature

20240523_work_area_before_facingWest.jpg
-118.17583616666667 34.19000366666666

20240523_work_area_end_of_day1_facingWest.jpg
-118.17587026111111 34.190021405555555

20240523_work_area_end_of_day2_facingSouth.jpg
-118.17575147222223 34.19016365277778

20240523_work_area_end_of_day_facingEast.jpg
-118.17579291666667 34.189982683333334

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	53 °F	0-3 MPH	100 %
End of Day	14:13	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation Removal/Weeding
2. Hand tools and hand pulling
3. Genaro (Nature's Image foreman)

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:
Cabbage white, Common side-blotch, Southern alligator lizard, NUWO, MODO, BUSH, CALT, SOSP, BEWR, AMRO, KILL, HOFI, SPTO, ANHU, BHGR, PSFL, CAKI, BGGN, Amazonia sp., WREN, YEWA, LEGO, CASJ, WTSW, CAQU, ACWO, EUST, ECDO, RTHA, ATFL, AMCR, TRSW, CANG, CATH, TUVU, RSHA, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on Site. Went to go clear planned work area (DG-4A). The crew is having a small meeting prior to work starting.
0718- The crew started work. They are removing pepperweed, wild radish, hemlock, curly dock, and mustard.
0727- Heard a yellow warbler vocalizing in the work area.
0747- The crew stopped for a little while due to poor weather conditions. Will start up again in a little bit.
1100- The crew stopped for lunch. They will resume work at 1130. The weather is starting to clear up.
1130- The crew restarted work after lunch. The weather seems to have cleared up for now.
1329- The crew stopped for a break.
1350- The crew resumed work after the break.
1412- The crew finished for the day.

Additional Comments
N/A

Signature

DG-4A_prior_to_work_starting_facing_South.jpg

Crew_starting_work_facing_Southeast.jpg

Crew_working_facing_Southeast.jpg

Crew_finished_work_for_the_day_facing_Southeast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:04	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes and three prong cultivators.
3. Gothic Landscape crew of ten plus Juan 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, BHGB, BUSH, BEWR, SOSP, DEJU, COHA, SPTO, YEWA, LEGO, HOFI, WEFL, WREN, ANHU, CAQU, CASJ, AMCR, AMCO, KILL, MALL, NRWS, WTSW, GWTE, CLSW, BARS, BNST, BLPH, BGGN, BUFF, CATH, RTHA, CAKI
Mammals: California ground squirrel, Desert rabbit
Amphibians: Western toad
Invertebrates: Asian lady beetle, Uroleucron (aphid)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0645: Crew heads to where Johnson Field meets DG-2 along east trail working west along the edge. Then moving south into DG-2. The biologist monitors surrounding work area for any wildlife.
0815: Vegetation removed mainly consist of poison hemlock.
0825: Biologist observes bushtit going into nest.
0845: Biologist observes Cooper's hawk in its nest.
0900: Crew takes break.
0915: Crew heads to work in DG-1 working north to reduce how wet they were getting from the plants. There has been a steady sprinkle all day.
1200: Crew takes lunch.
1230: Crew returns to work in DG-1
1245: Biologist observes Bewick's wren bring food to its nest to feed chicks. No longer raining.
1339: Crew heads out for the day.

Additional Comments
N/A

Signature

DG_2_vegetation_removed.jpg
-118.17157536111111 34.1905079

Near_DG-3B_mallard_chicks&parents_at_waters_edge.jpg
-118.17352586944445 34.18779798055555

DG3A_planting_update.jpg
-118.17340880555557 34.18639663888889

DG3A_oak_planting_update.jpg
-118.17347523055557 34.18617585

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:32	54 °F	0-3 MPH	100 %
End of Day	14:45	76 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan 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, BEWR, BHGR, BEWR, SOSP, CASJ, ACWO, HOFI, SPTO, ANHU, ALHU, MODO, LEGO, HOWR, NUWO, BGGN, COHA, RCPA, BUSH, ATFL, WEFL, BARS, NRWS, CLSW, CORA, WAVI, DEJU, ECDO, CAQU, WTSW, SAPH, EUST, NOMO, RTHA, PHAI, YEWA, TUVU, WREN, CANG, AMCO, RUDU, WETA, WEBL, HOOR, CAKI, SBMU, KILL, AMCR, BLPH, PBGR
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrived on site. Work today will consist of nonnative weed removals within DG-1 on the east side of the basin following the main road heading north towards the project limits. Targeted species mainly include poison hemlock, nonnative grasses, and *Lepidium* sp.
0700: Monitored a Bewick's wren (BEWR) nest, BEWR_06. BEWR_06 at the old dumpster is still active. Adult seen bringing food into cavity to presumably feed chicks.
0900: Crew takes a break.
0915: Crew resumes work along the east side gradually moving north along DG-1.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area. Disposed of collected weeds in far south dumpster by DG-3.
1450: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

BEWR_nest_dumpster_JohnsonField_facingNortheast.jpg
-118.17169252777778 34.192204472222215

Removed_weeds_DG-1_facingSouth.jpg
-118.16968728611111 34.19505447222222

Weed_removal_DG-1_facingNorth.jpg
-118.16943079166667 34.19530747222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: May 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	57 °F	0-3 MPH	100 %
End of Day	14:30	76 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal
2. Shovels, hoes
3. Natures Image (Genaro Vargas - 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:
CALT, CASJ, CAQU, Cotton tail, SPTO, SOSP, HOFI, RCPA, WREN, BUSH, ALHU, BARS, BGGN, Western toad, CORA, BHGR, AMCR, MODO, BEWR, Western fence lizard, Western whiptail, AMKE, YBCH, ATFL

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0610: Arrived onsite.
0630: G. Vargas shows me the work area for the day. The crew is working in mitigation area DG-4A, approximately 34.189860 N 118.175775 W 0649 I finished clearing area.
0702: The crew starts working, pulling mainly poison hemlock.
0847: The crew heads to break.
0916: The crew returns from break.
1007: The crew member finds rattlesnake, crew member started working away from area, hazard marked in Fieldmaps.
1046: The crew breaks for lunch
1136: The crew continues working.
1317: The crew breaks.
1347: The crew returns from break.
1418: The crew starts cleaning up for the day.
1430: The crew left site.

Additional Comments
N/A

Signature

WorkArea_after_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	14:19	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal
2. Hand tools, manual pulling
3. Genaro (Nature's Image foreman)

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:
Earwig, Western honeybee, Swallowtail sp., Cabbage white, Mourning cloak, Vanessa sp., Carpenter bee Southern alligator lizard, Coastal whiptail, Common side-blotched, MODO, ECDO, YEWA, CAQU, AMRO, BEWR, SOSP, CALT, Amazonia sp., BHGR, BUSH, SPTO, NUWO, WTSW, BGGN, ANHU, COHA, LEGO, HOFI, RSHA, AMCR, CORA, KILL, MALL, BARS, TRSW, CAKI, CASJ, RTHA, ACWO, Desert cottontail, California ground squirrel, Rodentia sp. (carcass)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went to go check on planned work area (DG-4A).
0645- Heard a yellow warbler vocalizing in DG-4A.
0707- Crew started work in DG-4A. They are removing mustard, pepperweed, hemlock, wild radish, nettle, and *Bromus* spp.
0846- Crew stopped for a break.
0915- Crew resumed work after break.
1047- Crew stopped for lunch.
1140- Crew resumed work after lunch.
1318- Crew stopped for a break.
1346- Crew resumed work after break.
1420- Crew finished for the day.

Additional Comments
N/A

Signature

Planned_work_area_prior_to_work_starting_facing_South.jpg

Crew_starting_work_facing_Southwest.jpg

Crew_working_facing_South.jpg

Crew_finishing_for_the_day_facing_South.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:54	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive plant removal and disposal.
2. Equipment includes hand tools such as hoe and shovel.
3. Restoration contractor today is called Gothic. Gothic crew consists of ten men plus the foreman, Juan.

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: HOOR, WREN, NUWO, ACWO, SPTO, BUSH, YEWA, HOFI, CALT, LEGO, BHGR, BEWR, SOSP, HOWR, NRWS, CLSW, WTSW, ANHU, CASJ, BLPH, CAQU, BGGN, ALHU, RTHA, TUVU, AMCR, CORA, BARS, OCWA
Mammals: Desert cottontail, California ground squirrel
Reptiles: California toad, Great basin fence lizard, San Diegan tiger whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Biologist arrived.
0630- Contractor, Gothic, arrived and conducted brief tailgate meeting while mobilizing for today's activities.
0645- Crew started removing nonnative invasive weeds along the north end of the restoration area DG-2, located on east side of Arroyo Seco.
0900- Crew on break.
0915- Crew back to work removing invasive weeds along the north end of restoration site.
1200- Crew on lunch break.
1230- Crew back to work removing invasive weeds along the north end of restoration site.
1445- Crew finished for the day.
1450- Biologist off site.

Additional Comments
N/A

Signature

Invasive_plant_removal_facingSouth.jpg
-118.17151401111111 34.19263511111111

Removal_of_nonnative_weeds_facingSoutheast.jpg
-118.17151104166668 34.19214156666666

Crew_transporting_weeds_for_disposal_facingWest.jpg
-118.17120024444445 34.19159804722222

Crew_removing_invasive_weeds_facingNorthwest.jpg
-118.17146522222222 34.19145809722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:43	59 °F	0-3 MPH	100 %
End of Day	14:17	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding/vegetation removal
2. Hand tools, manual pulling
3. Genaro (Nature's Image foreman)

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:
Carpenter bee, Earwig, Darkling beetle, Western tiger swallowtail, Cabbage white, Western honeybee, Mourning cloak, Yellowjacket, Tarantula hawk Western toad, Western fence lizard, Common side-blotched, YEWA, SOSP, HOFI, AMRO, AMCR, ACWO, SPTO, CALT, ECDO, MODO, WTSW, BEWR, BUSH, CASJ, KILL, LEGO, Amazonia sp., CAQU, WREN, NUWO, BHGR, ATFL, CAKI, MALL, ANHU, COHA, PSFL, CATH, RTHA, RSHA, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site.
0645- Heard a yellow warbler vocalizing in the distance near planned work area (DG-4A).
0700- Crew started work in DG-4A. They are removing mustard, wild radish, hemlock, curly dock, and nonnative nettle.
0845- Crew stopped for a break.
0920- Crew resumed work after break.
1049- Crew stopped for lunch.
1140- Crew resumed work after lunch.
1318- Crew stopped for a break.
1349- Crew resumed work after break.
1416- Crew is finished for the day.

Additional Comments
N/A

Signature

DG-4A_prior_to_work_starting_facing_South.jpg

Crew_starting_work_facing_Southeast.jpg

Crew_working_facing_East.jpg

Crew_finished_for_the_day_facing_South.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	15:00	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of ten plus crew lead Juan

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

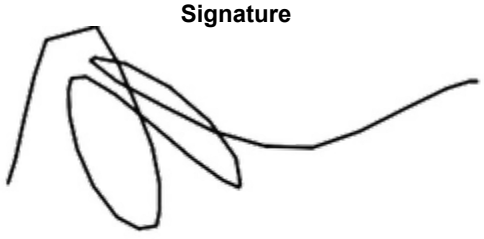
List of species observed while monitoring:
Birds: California Towhee, California Scrub Jay, Spotted Towhee, Song Sparrow, Black-headed Grosbeak, Blue-grey Gnatcatcher, Lesser Goldfinch, Orange-crowned Warbler, Yellow Warbler, American Crow, Mallard, Canada Goose, Northern Rough-winged Swallow, Killdeer, Wrentit, Anna's Hummingbird, Pacific-slope/Western Flycatcher, Cooper's Hawk, Northern Mockingbird, Phainopepla, California Quail, House Finch, Mourning Dove, Bewick's Wren, Acorn Woodpecker, Black Phoebe, Bushtit, Red-crowned Parrot, California Thrasher, Nuttall's Woodpecker, Common Raven, Cassin's Kingbird,
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Fence Lizard, Western Toad, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: ICF Biologist Cole Sutter arrived on site.
0830: Walked upstream to assess conditions and look for any sensitive species.
1145: Crew broke for lunch All day - Crew weeded within Johnson Field

Additional Comments
Crew anticipating shifting back over to the west side after Friday (5/31) Growth has been incredibly dense across Johnson Field and DG-2, trimming will need to happen at some point in order to maintain footpaths/ability to walk through the site

Signature



white_alder_sapling_growning_upstream.JPG
-118.16823055555557 34.19964722222222

Lichnanthe_scarab_found_in_DG-2.JPG
-118.17238888888889 34.19073611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	58 °F	0-3 MPH	100 %
End of Day	14:29	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
AMCR, MODO, CASJ, SPTO, HOFI, BHGR, KILL, SOSP, BEWR, CALT, LEGO, YEWA, BUSH, ACWO, CATH, NOMO, WREN, Desert cottontail, Western tiger swallowtail, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Met with Genaro. Started nesting bird survey in DG-4A (34.189722°N 118.175817°W).
0700: No nesting behavior observed in the area. Cleared crew to start working. Monitored wildlife activity in the area.
1045-1145: Crew's lunch.
1145: Continued monitoring wildlife activity.
1415: Crew finished weeding for the day, started cleaning up. Walked back to vehicle. Updated monitor for the next day.
1430: Left site.

Additional Comments
N/A

Signature

20240531_work_area_before_facingSouth.jpg
-118.17582477777778 34.18973847222222

20240531_work_area_end_of_day_facingSouthwest.jpg
-118.17572925 34.18991639722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:00	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes, three prong/hoe cultivator.
3. Gothic Landscape crew of ten plus Juan 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: BEWR, BGGN, SPTO, KILL, AMCR, OCWR, LEGO, WTSW, NRWS, MALL, PBGR, BHGB, SOSP, AMCO, CATH, RUDU, CANG, MODO, ANHU, COHA, BUSH, WEFL, YEWA, HOFI, ACWO, BLPH, HOWR, OATI, ALHU, RCPA, NUWO, CAQU, CORA, CASJ, RSHA
Mammals: California ground squirrel
Reptiles: Western fence lizard, Western whiptail, Side-blotched lizard
Amphibians: Western toad
Invertebrates: Yellow jacket, Honeybee, Carpenter bee, Mourning cloak, Swallowtail, Dragonfly, Uroleucon (aphid), Spiders, Red ants

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0645: Crew begins work in DG-2, working their way south.
0700: American crows foraging near the water's edge.
0704: Nine mallard ducklings observed near the water.
0750: Biologist monitors Anna's hummingbird nest to determine activity.
0900: Cooper's hawk perched in a nearby willow keeping watch. Crew takes a break.
0915: Crew returns to work in DG-2.
0928: Western fence lizard eats spider.
0945: Parts of the walking paths are filling in.
1119: Crotch's bumblebee observed.
1128: Crotch's bumblebee observed.
1200: Crew takes lunch.
1230: Crew returns to work at the southern end of DG-2. Removed vegetation consists of nonnative grasses, black mustard, and poison hemlock.
1350: Crew begins to wrap up work for the day.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingNorth.jpg
-118.17195880555556 34.18978523888889

DG2WOUS_WesternFenceLizard_facingSouth.jpg
-118.1722417888889 34.18995218055555

DG2WOUS_walking_path_facingSouth.jpg
-118.17232236944444 34.19003380555555

DG2_2western_toads_facingEast.jpg
-118.17228691111112 34.1900431

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	63 °F	0-3 MPH	100 %
End of Day	14:39	79 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal, Irrigation maintenance.
2. Hand tools
3. Six Nature's Image workers, Genero.

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:
CASJ, AMCR, MODO, LEGO, SPTO, BUSH, BEWR, Tree squirrel, MALL, Amazonia sp., SOSP, YEWA (heard in area), CALT, BARS, HOFI, BEWR, BHGR, ALHU, CLSW, CAQU, NUWO, ANHU, California ground squirrel, KILL, ATFL.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Nature's Image crew started arriving. Also, saw Gothic panel truck arrived at shipping container. Tatiana is mainly working on irrigation maintenance.
0635: Genero walked me over to check out work area, about where they left off in DG-4A South of the parking lot. Half of the crew had arrived.
0700: Work area cleared, and crew alerted.
0711: Crew began work. Hummingbird seen chasing away other larger bird.
0815: Crew started periodically taking full tarps from the work area.
0850: Crew left for first break.
0920: Crew returned from first break.
1045: Crew broke for lunch.
1145: Crew returned from lunch, including 20 minutes round trip walking to and from cars.
1200: Genero pointed out cup stick nest in Mulefat. Moved crew about 30 feet away to watch and assess nest for an hour. Some of the crew are actively removing full tarps. Genero and Linda moved to the area they worked in on Friday last week.
1305: I didn't see any birds going to or from the nest to scope it out. Nest is most likely inactive. The crew okayed to go back in the area.
1315: Crew is starting to actively fill tarps to clean up while still weeding.
1325: Crew left for final break.
1350: Crew returned from final break and resumed filling tarps.
1415: Crew wrapping up for the day. They are picking up gear and cleaning up the pulled weeds.
1435: Crew is beginning to leave site.
1440: I left site.

Additional Comments
N/A

Signature

main_work_area_start_facingSouth.jpg
-118.17583888888889 34.18976388888888

main_work_area_during_facingSouth.jpg
-118.17585194444445 34.189791944444444

main_work_area_after_facingSouth.jpg
-118.1758488888889 34.18975194444444

second_area_after_facingNorth.jpg
-118.175875 34.18987083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:47	71 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (seven) and hoes (nine).
3. Gothic Landscape crew of ten plus Juan 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: BHGB, SOSP, LEGO, MODO, WREN, ANHU, CASJ, SPTO, BEWR, NOMO, HOFI, CATH, ACWO, NRWS, CORA, DEJU, RCPA, CALT, BLPH, CAKI, CAQU, PHAI, AMCR, EUCD, CORA, BUSH
Mammals: Desert cotton tail, California ground squirrel
Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail
Invertebrates: Bumblebee, Honeybee, Aphids, Leafhopper, Red admiral, Cabbage white, Harvester ant, Western tiger swallowtail, Dragonfly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0640: Crew heads to south side of western section in the minning pit (DG-W-2). Two crew members head to the east side to turn on the irrigation for Johnson Field. In two hours, they will go back to check for leaks. At 1300 they will turn it off.
0845: Biologist informs crew lead of nonnative creeping yellowcress as well as native look alike curvepod yellowcress.
0850: Vegetation removed mainly consist of poison hemlock and black mustard.
0900: Crew takes break.
0915: Crew returns to work in DG-W-2. Biologist goes to check on nests to update activity and remove buffers if necessary.
1200: Crew takes lunch.
1230: Crew returns to work in DG-W-2.
1440: Crew wraps up work for the day. Taking last load of removed vegetation to the dumpster and putting away gear.

Additional Comments
N/A

Signature

DGW2_vegetation_removed_facingNorth.jpg
-118.17508077777778 34.192827916666666

DGW2_pre_vegetation_removal_facingNorthwest.jpg
-118.17431083333334 34.19270698888889

DGW2_post_vegetation_removal_Northwest.jpg
-118.17426238055556 34.19278047222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:51	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes (four)
3. Gothic Landscape crew of ten plus Juan 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: MODO, WREN, CAQU, CASJ, BHGB, ALHU, RCPA, CALT, SOSP, SPTO, BEWR, NRWS, LEGO, HOFI, BLPH, OCWA, DEJU, BUSH, AMCR, BARS, MALL, CANG, AMCO, KILL, BGGN, YEWA, CLSW, HOWR, WTSW, AMRO, ACWO, EUST, CORA, HOSP, HOWR, NOMO, ANHU, CAKI, EUCD, NUWO, RTHA, RSHA, TUVU, HOOR,
Mammals: Desert rabbit, California ground squirrel
Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail
Invertebrates: Carpenter bee, Yellow-faced bumble bee, Aphids, Ladybird beetles, Harvester ants, Honey bee, Mayfly, Red admiral, Hover fly, Cabbage white, Dragon fly, Blow fly, Satyr comma, Western tiger swallowtail, Leaf hopper

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0640: Crew begins work on southwest side of DG-W-2 working along edge. Biologist monitors surrounding work area for wildlife activity.
0750: Biologist monitors nest in dumpster for any activity.
0900: Crew takes break.
0908: Biologist observes two obscure bumblebees and one carpenter bee.
0915: Crew returns to work.
0930: Crew is working their way north and then east in DG-W-2.
1200: Crew takes lunch.
1230: Crew returns to work. Biologist monitors work area for any wildlife activity.
1310: Removed vegetation mainly consists of ~8feet tall poison hemlock and black mustard.
1440: Crew heads out of work area taking last loads of removed vegetation to the dumpster.

Additional Comments
N/A

Signature

DG2W_pre_vegetation_removal_facingNorth.jpg
-118.17473588055556 34.19282174999999

DG2W_post_vegetation_removal_facingNorth.jpg
-118.17461841666668 34.192841761111104

DGW2_vegetation_removed.jpg
-118.17429273055556 34.19282944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: June 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	60 °F	0-3 MPH	100 %
End of Day	14:30	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative vegetation in restoration area.
2. Hand tools (hoes, shovels, rakes).
3. Genaro Vargas (Nature's Image foreman) and six additional Natures Image workers.

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:
CAQA, SPTO, CALT, LEGO, RCPA, SOSP, BUSH, KILL, AMCR, BHGR, COYE, BEWR, CASJ, ANHU, MODO, YEWA, HOFI, MALL, NOMO, ACWO, CLSW, NUWO, NRWS, BEWR, CATH, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Western toad, Desert cottontail, Coyote, and California ground squirrel.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site.
0630: Nature's Image arrived on site. Talked with foreman, Genaro Vargas, about the plan for the day, they will continue work in the same area as yesterday (6/3/24), in DG-4. Began sweep of work area.
0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work. Began looking for tree canker the monitor yesterday (Daniel Jaques) asked me to take a point for.
0700: Found the tree and one additional tree and took generic points for them. Sent photos to restoration project manager Carley Adams. Flagged both trees with the cankers.
0705: Crew of five Nature's image workers beginning work. Pulling non-native vegetation from DG-4. Crew using hand tools including shovels, rakes, and hoes. Genaro mentioned that two crew members will be working on irrigation throughout the day and one additional person might be late.
0740: Per instruction from Carley Adams, I notified the crew about the possible tree fungal canker. I showed the crew of five workers what the canker looks like, I asked them not to step near trees with these cankers, and ask them to report any cankers that look like this to the biologist.
0755: Heard and observed one yellow warbler south of where the restoration crew is working (34.189551, -118.175969).
0830: Crew moving to a new area just west of where they were working.
0838: Crew going on break.
0906: Crew resuming work in DG-4 removing non-native vegetation.
1020: Genaro notified me the crew will be moving to a new location after lunch. He showed me the new location in DG-4A.
1030: Beginning sweep of the area the crew plans to work after lunch. Genaro mentioned that one of the people doing irrigation went home.
1055: Crew taking lunch.
1202: Crew resuming work, crew is moving to a new area in DG-4A.
1250: Observed one coastal whiptail basking in the sun (34.190833, -118.176807)
1325: Crew taking break.
1344: Crew resuming work in DG-4A.

1412: Crew done removing non-native vegetation, beginning to clean up and haul out the removed non-native vegetation.
1430: Leaving site.

Additional Comments
N/A

Signature

Natures_Image_crew_removing_nonnatives_in_DG4.jpg

Canker_on_black_willow.jpg

Natures_Image_removing_nonnatives.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	61 °F	0-3 MPH	100 %
End of Day	14:57	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (ten people total) plus Juan 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, CASJ, AMCR, BHGR, RCPA, SOSP, BUSH, NUWO, BEWR, HOFI, SPTO, WTSW, LEGO, MODO, CLSW, CAQU, CATH, KILL, HUVI, CANG, MALL, AMCO, BLPH, NRWS, YRWA, RUDU, ALHU, BCHU, OATI, WEFL, BGGN, EUST, ATFL
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals within the mining pit and DG-4 areas on the west side of the basin. Targeted species mainly include poison hemlock and mustard grasses.
0700: Monitored a Bewick's wren (BEWR) nest, BEWR_06 nest for activity at the old dumpster which is no longer active. Used endoscope camera to inspect cavity for nest activity. Dumpster cavity will be plugged with material to prevent future nesting, informed Juan.
0900: Crew takes a break.
0915: Crew resumes work along the west side concentrating in the mining pit area.
1015: New song sparrow nest located and flagged in the mining pit area within stinging nettle shrub.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1330: Two crew members plug the cavity under the east aide dumpster with plastic bags to prevent future nesting.
1450: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Pre_vegetation_clearing.jpg
-118.17428497222222 34.192897861111106

Vegetation_removed.jpg
-118.17380325833334 34.19310733333333

Fledged_BEWR_nest_cavity_exclusion_facingEast.jpg
-118.17154190833334 34.192218277777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: June 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	60 °F	0-3 MPH	100 %
End of Day	14:20	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

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:
AMCR, SPTO, CASJ, ANHU, SOSP, RTHA, ACWO, BUSH, CAQU, MODO, CALT, LEGO, BEWR, YEWA, CATH, PSFL, ALHU, OATI , Western toad, Cottontail, California ground squirrel, Western fence lizard, Coastal whiptail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- Inspect oak tree at southeast entrance for Carley.
0630- Genaro showed me the work area in DG-4A. Begin to survey ahead of crew.
0655- Work area clear of nesting activity, crew cleared to work. They will be removing hemlock and mustard. Two crew walking the irrigation lines checking for leaks.
0840- Crew breaks.
0900- Return to work.
0945- Almost finished working in first section of DG-4A. Genaro showed me the next work area, still in DG-4A. Begin to survey.
1000- New work area clear of nesting activity.
1045- Crew cleaning up before lunch. Add a new Allan's hummingbird (ALHU) nest, ALHU-1.
1200- Return from lunch.
1245- Deactivate NUWO-02 and BGGN-01. Nests last updated in March. No activity seen at nests.
1330- Crew break.
1345- Return to work.
1410- Crew begin cleaning up for end of day.
1420- Depart site.

Additional Comments
N/A

Signature

photo_1-DG4A_removing_mustard_facingEast.jpg

photo_2-dense_vegetation_in_work_area_facingNorth.jpg

photo_3-removed_non_native_vegetation_facingNortheast.jpg

photo_4-ALHU-1_location_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	80 %
End of Day	14:55	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (ten people total) plus Juan 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: AMRO, HOFI, RCPA, CASJ, MODO, BLPH, CALT, BEWR, ACWO, SPTO, WREN, ANHU, AMCR, OATI, CAQU, SOSP, NUWO, BUSH, CATH, LEGO, EUST, CORA, WTSW, NRWS, BHGR, HOOR, YEWA, BGGN, RSHA, KILL, WETA, MALL, AMCO, RUDU, CLSW, BARS, RTHA, CANG, NOMO, OCWA, ALHU, COHA, ATFL, HOWR, PBGR, ECDO
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of nonnative weed removals within the mining pit and along DG-4C/DG-4 working from the south to the north. This is the second pass through this area this week. Targeted species mainly include poison hemlock and mustard grasses.
0900: Crew takes a break.
0915: Crew resumes work along the west side concentrating in the mining pit area.
1010: Cooper's hawk (COHA) chicks are still at nest, at least two on the east side of the basin by DG-2 trail.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area, proceeding north away from the song sparrow nest and towards the south-facing slopes in DG-4.
1455: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_DG-4C_facingNorth.jpg
-118.17511716666667 34.19287865

COHA_chicks_DG-2_facingSoutheast.jpg
-118.17170411111111 34.19002124166666

Weed_removal_DG-4_SOSP_nest_buffer_facingSoutheast.jpg
-118.17401305555556 34.193702888888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: June 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	14:15	82 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

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:
AMCR, SPTO, BLPH, CAKI, BGGN, YEWA, BEWR, KILL, ACWO, RSHA, CORA, NOMO, CATH, LEGO, ALHU, COYE, BUSH, MODO, NUWO, CALT, amazona spp., Western toad, Cottontail, California ground squirrel, Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- On site. Crew plans to continue work in south section of DG-4A.
0645- Inform Genaro work area is clear of nesting activity.
0655- Crew begins removing vegetation. Pulling mostly Rumex spp. and some mustard and hemlock.
0840- Crew break.
0900- Return to work
1045- Crew cleaning up before lunch.
1200- Return from lunch. Continue to work in same area.
1330- Crew break.
1345- Return to work.
1410- Crew begin cleaning up for end of day.
1420- Depart site.

Additional Comments
N/A

Signature

photo_2-vegetation_removal_facingNortheast.jpg

photo_3-work_area_after_removal_facingNortheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	64 °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

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan 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: EUCD, MODO, CATH, SPTO, CALT, CASJ, BHGR, BEWR, BUSH, WTSW, SOSP, WREN, HOFI, AMCR, LEGO, KILL, ACWO, NUWO, EUST, Red-masked parakeet, NRWS, CAQU, ANHU, ALHU, HOWR, BLPH, TUVU, RTHA, CORA
Mammals: Desert cottontail, California ground squirrel
Herps: Great Basin fence lizard, San Diego tiger whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625-ICF buologist Phillip Richards arrived.
0630-Gothic crew arrived and mobilized for today's activities.
0640-Gothic crew removing invasive non-native weeds along west side of Arroyo Seco in the north end of 5.2-acre restoration site.
0900-Crew on break.
0915-Crew continuing to remove invasive weeds in same work area.
1200-Crew on lunch break.
1230-Crew continuing to remove invasive weeds in same work area.
1400-Crew done for the day and all personnel leaving the site for the day.

Additional Comments
N/A

Signature

Crew_removing_invasive_weeds_facingNortheast.jpg
-118.17361315833334 34.193466388888886

Crew_removing_invasive_weeds_facingSouthwest.jpg
-118.17342283333333 34.193588122222216

Crew_removing_invasive_weeds_FacingSoutheast.jpg
-118.17361775 34.19404369444444

Crew_removing_nonnatives.jpg
-118.1737648888889 34.193527555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: June 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	02:20	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

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, MODO, CAQU, SOSP, SPTO, ALHU, KILL, YEWA, BUSH, CASJ, NUWO, CATH, DEJU, LEGO, BEWR, WREN, SPTO, CAKI, BHGB, MALL, AMCO, Western toad, Cottontail, California ground squirrel, Western fence lizard, Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- On site. Crew plans to continue work in south section of DG-4A. Genaro not on site today.
0645- Inform Eduardo work area is clear of nesting activity.
0655- Crew begins removing vegetation. Pulling mostly *Rumex* spp. and some mustard and hemlock. Two crew walking throughout site checking on irrigation.
0840- Crew break.
0900- Return to work,
1045- Crew cleaning up before lunch.
1200- Return from lunch. Continue work in same area. Moving along irrigation pipe to the south.
1330- Crew break.
1345- Return to work.
1410- Crew begin cleaning up for end of day.
1420- Depart site.

Additional Comments
N/A

Signature

photo_1-vegetation_removal_facingEast.jpg

photo_2-vegetation_removal_along_pipe_facingSouth.jpg

photo_3-pipe_after_removal_facingSouth.jpg

photo_4-work_area_after_removal_facingEast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	60 °F	0-3 MPH	100 %
End of Day	14:35	81 °F	0-3 MPH	1 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding restoration areas.
2. Hand tools, six.
3. Six, Nature's Image, Genero.

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:
MODO, CASJ, CALT, SPTO, SOSP, AMCR, YEWA, Amazonia sp., CLSW, BEWR, LEGO, BUSH, GBHE, NRWS, Tree squirrel, Western diamondback rattlesnake, ANHU, BHGR, MALL, and RTHA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Crew started arriving.
0635: Genero took me to the area in DG-4A where they left off from Friday. Continued to pull primarily curly dock and Socrates hemlock.
0640: I began clearing the area.
0655: Heard a yellow warbler calling in area.
0659: I let Genero know the area was clear.
0705: Crew began arriving at the work area and started work.
0720: Briefly saw what looked like a yellow warbler.
0728: Briefly saw yellow warbler from below. It was high in the willow above me.
0850: Crew broke for first break.
0920: Crew returned from first break. (includes drive time)
0923: Crew began periodically taking full tarps to the dumpster throughout the day.
1050: Crew broke for lunch. About 5 min of travel to dumpster.
1140: Crew returned from lunch (about 5 min back to site) and continued to work.
1145: Genero took some full tarps to the dumpster. I checked on the baby rattlesnake, and it is still in the same general place as before. I watched the nest area for an additional 15 minutes.
1300: Ed went to finish his area from this morning.
1320: Crew broke for last break.
1330: A pair of Red-tailed hawks attempted to hunt in weeding area and then perched in snag momentarily.
1350: Crew returned from last break.
1415: Crew is filling the last remaining tarps and wrapping up for the day. The baby rattlesnake hasn't moved from its location.
1435: Crew finished unloading tarps and is leaving for the day.

Additional Comments
N/A

Signature

Daniel Dragun

weeding_area_start_facingEast.jpg
-118.17666083333334 34.189499999999995

weeding_area_during_facingEast.jpg
-118.17664888888889 34.18957277777778

weeding_area_end_facingEast.jpg
-118.17668777777779 34.189543888888885

weeding_area_other_view_facingNorthwest.jpg
-118.17627694444445 34.18931388888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:48	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes (nine), hoe/two prong cultivator.
3. Gothic landscape crew of ten plus Juan 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: CASJ, MODO, CALT, NUWO, HOFI, BHGB, SOSP, ACWO, BEWR, RCPA, NOMO, YEWA, WEWP, SPTO, AMCR, LEGO, BLPH, CORA, BUSH, CAQU, CATH, CAKI, ANHU, RTHA, NRWS, OATI, TUVU
Mammals: California ground squirrel, Desert cottontail
Reptiles: Alligator lizard, Western fence lizard, Western whiptail, Side-blotched lizard, California kingsnake
Invertebrates: Aphid, Taylorilygus, Wolf spider, Lynx spider, Mordella, Mite, Pyramid ant, Blow fly, Harvester ants, Ladybird beetle larvae, Fruit fly, Honeybee, Cabage white, Hover fly, Katydid, Yellow-faced bumblebee, Black-tailed bumblebee, Yellow jacket, Western tiger swallowtail, Red admiral

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0640: Crew heads to northern end of DG-W-2 to begin non-native vegetation removal. Biologist monitors work area for any wildlife activity.
0815: Biologist observes a wolf spider with an egg sack.
0900: Crew takes break.
0907: Biologist observes California thrasher taking food item into restoration area.
0915: Crew returns to work.
0920: Biologist monitors surrounding work area for any wildlife activity.
1200: Crew takes lunch.
1230: Crew returns to work in DG-W-2. Biologist monitors work area for wildlife activity.
1435: Crew takes last loads of removed vegetation to the dumpster.

Additional Comments
N/A

Signature

DGW2_vegetation_removed_facingNorth.jpg
-118.17426397222222 34.19304853888889

DGW2_vegetation_removed_facingNorth.jpg
-118.17429411944445 34.19268323888888

DGW2_vegetation_removed_facingNorth.jpg
-118.17501943055557 34.192856738888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	100 %
End of Day	14:48	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. Hand tools, seven.
3. Seven, Nature's Image, Genero.

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:
CAQU, CALT, AMCR, MODO, SPTO, BUSH, BLPH, SOSP, RTHA, YELLOW WARBLER, HOFI, Desert cottontail, ANHU, California ground squirrel, BEWR, NRWS, BHGR, Western diamondback rattlesnake, NOMO.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Genero and crew started arriving. There is some fog and 100% cloud cover.
0635: Genero took me to where they left off yesterday in DG-4A to clear the area. Baby rattlesnake hasn't moved since yesterday. They are primarily pulling wild radish and curly dock.
0645: I started clearing the area.
0706: I finished clearing the area and told the crew.
0708: I heard a yellow warbler calling in the area, no visual observation.
0715: Crew started arriving.
0720: Genero showed me the second area they wanted to work.
0730: Area too close to active yellow warbler nest.
0735: Genero took me to next area in DG-4A along the road to clear for them. The area is just outside a yellow warbler nest buffer.
0755: I finished clearing the area and told the crew. There was a date mixup and the fungus removal is scheduled for tomorrow. Genero left to buy supplies for fungus treatment tomorrow.
0836: I updated a bushtit nest (BUSH-12) as inactive.
0855: I updated a bushtit nest (BUSH-05) as inactive.
0855: Crew broke for first break.
0904: Upon checking the first area, it appears the crew is almost done.
0920: Crew returned from first break. Ed went to meet Raul.
1020: Genero took Raul to go see trees with canker fungus.
1030: Crew is almost done removing tarps from first area and is preparing to ho to the next area.
1050: Crew broke for lunch. Baby rattlesnake is still in same location.
1055: I found out from Raul the infected trees have some sort of larvae instead of a fungus.
1115: Genero told me Ed is also on irrigation today.
1135: Crew finished lunch and unloaded full tarps from the truck before heading to the second area to start weeding.
1200: I arrived at the second area and Genero told me Ed is finishing up cleaning up the first area by the end of the day. They are now primarily pulling wild radish, rose evening primrose, curly dock, and perrenial pepperweed.
1210: Heard yellow warbler calling off in the distance. No visual observation.
1225: Several yellow warblers heard calling to each other in the general area. No visual observations.

1235: I briefly checked on area one before heading back to area two, and the baby rattlesnake appears to have left where it was.
1240: I'm back at the second area and continuing to hear several yellow warblers calling in the area up high in the willows. No visual observations, but they don't appear affected by the weeding.
1320: Crew broke for last break.
1350: Crew returned from final break (travel 10 minutes roundtrip).
1355: Genero went with tarps to help Ed with finishing cleaning up area one.
1406: Genero returned to area two. Ed said he will take care of area one.
1420: Crew is wrapping up for the day and bringing all full tarps and tools to the dumpster area.
1437: Crew has finished unloading tarps into the dumpster and are beginning to leave.
1448: All crew have left for the day.

Additional Comments
N/A

Signature

first_area_after_weeding_facingSouthwest.jpg
-118.17633694444444 34.18925694444444

Second_area_start_facingNortheast.jpg
-118.17742277777778 34.18886472222222

second_area_during_facingNortheast.jpg
-118.17745083333334 34.18886083333333

second_area_after_facingNortheast.jpg
-118.17740472222222 34.18881972222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	15:00	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: California Quail, Acorn Woodpecker, California Towhee, Black-headed Grosbeak, American Crow, House Finch, Cassin's Kingbird, California Scrub Jay, Nuttall's Woodpecker, Mourning Dove, Red-crowned Parrot, Song Sparrow, Common Raven, Anna's Hummingbird, Blue-gray Gnatcatcher, Bewick's Wren, Lesser Goldfinch, Bushtit, Yellow Warbler, Spotted Towhee, Cooper's Hawk, Northern Rough-winged Swallow, Allen's Hummingbird, Black Phoebe, Killdeer, Mallard, Cliff Swallow, Barn Swallow, American Coot, Red-tailed Hawk, Red-shouldered Hawk,
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF Biologist Cole Sutter arrived on site.
0900: Biologist walked the basin searching for waterbird/killdeer nests.
1100" Biologist walked to the east side to survey for any new nests/areas of weed concern.
All day - Crew worked on the west side in DG-4 and DG-W-2 with crews of two manning irrigation.

Additional Comments
Used fireworks and evidence of motorized bike and excessive foot disturbance was observed while walking along the basin near the access road on the east side of the site. The used fireworks and trash were disposed of. A significant portion of the *Conium maculatum* on the west side is going to/has already gone to seed. Further pulling efforts for mature specimens may be futile, effort should be refocused on plants that have not yet gone to seed (*Hirshfeldia*, *Lepidium*, etc)

Signature

Recently_weeded_plot_DG-W-2.jpg
-118.17459321111112 34.19274302777777

Crew_weeding_DGW2.jpg
-118.17422780555556 34.193056694444444

Fireworks_found_in_basin.jpg
-118.173928861111112 34.187920825

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:50	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and irragation maintenance.
2. Tarps (seven), hoes (four), hula hoes (three), rake, buckets (four).
3. Gothic Landscape crew of ten plus Juan 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: MODO, HOFI, CAKI, EUCD, EUST, ACWO, CALT, RCPA, BHGB, CAQU, CASJ, WREN, ANHU, NUWO, CATH, NOMO, SPTO, LEGO, AMRO, SOSP, OATI, BLPH, AMCR, WTSW, CORA, KILL, MALL, BEWR, WEGU, BUSH, BGGN, OCWA, BUSH, COHA, YEWA, ALHU, PHAI, RTHA, WETA
Mammals: Desert cottontail, California ground squirrel
Reptiles: Western fence lizard, Western whiptail, Side-blotched lizard, Rattlesnake
Amphibians: Western toad
Invertebrates: Hover fly, Aphids, Lady bird beetle, Yellow-faced bumblebee, Blow fly, Mayfly, Carpet beetle, Fiery skipper, Sunflower bee, Carpenter bee, Satyr comma, Western tiger swallowtail, Cabbage white, Mourning cloak, Pallid-winged grasshopper, Red admiral, Harvester ant, Mite,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0640: Seven crew members head to northeast corner of DG-4 working their way south. Three crew members head to the east side of the site to work on the irrigation. Biologist monitors site for any wildlife activity.
0740: California towhee observed with nesting material.
0800: Melampsora rust starting to come back on some black willows.
0847: Crew members on east side in DG-3A doing irrigation maintenance and watering additional plantings with buckets.
0900: Crew members on east side heading back to the west side.
1000: Trails on east side are filling in.
1020: Biologist monitors activity at song sparrow nest.
1105: Biologist monitors activity at bushtit nest.
1150: Cooper's hawk chick observed making its way to the edge of the nest and being fed.
1200: Crew takes lunch.
1230: Crew returns to work.
1400: Crew working in DG-W-2.
1435: Crew begins to head out of restoration area to throw out last load of removed vegetation.

Additional Comments
N/A

Signature

DGW2_Western_fence_lizard_facingSouth.jpg
-118.17400563055556 34.19330902777777

DGW2_melampsora_rust_facingSouth.jpg
-118.17409676944445 34.193134611111105

DG3A_western_toad_facingNorthwest.jpg
-118.17334202777778 34.18681858333333

Coopers_hawk_chick_facingEast.jpg
-118.17171615000001 34.190041961111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:15	59 °F	0-3 MPH	100 %
End of Day	14:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive vegetation removal.
2. Shovels, hoes, hand removal.
3. Natures Image, 12 man crew (Genaro Vargas foreman)

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:
MODO, SPTO, RCPA, Western toad, NUWO, CALT, AMCR, SOSP, AMRO, YEWA, HOFI, CAQU, BEWK, LEGO, ATFL, BLPH

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

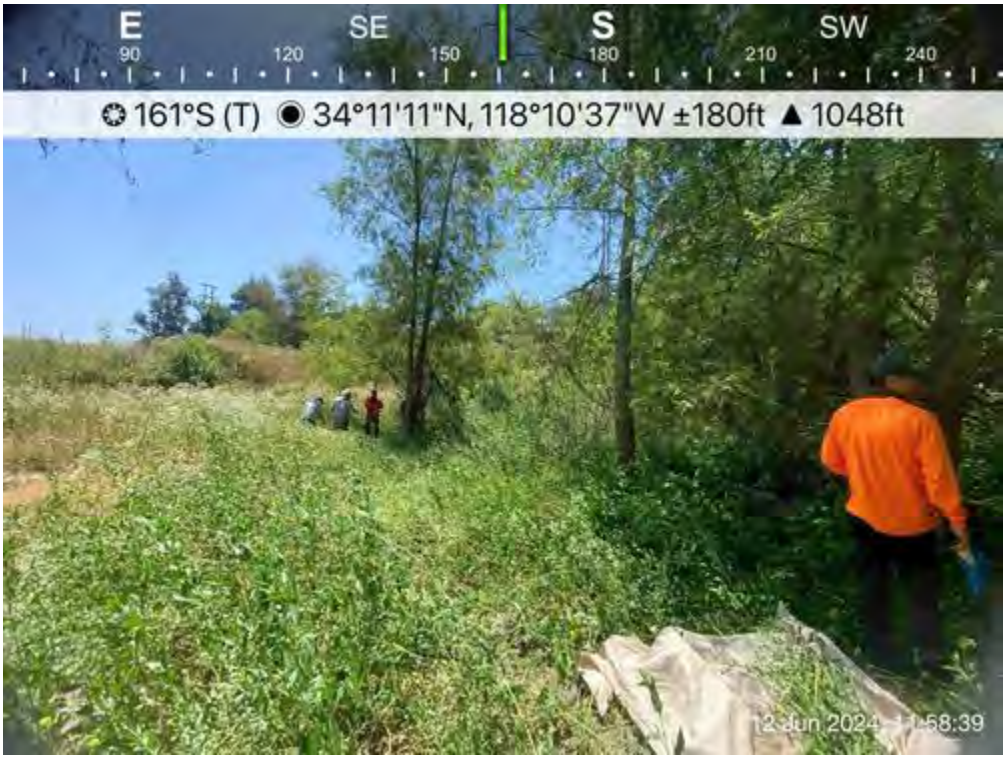
Log Entry
0615: Arrived onsite.
0620: Meet up with Justin (ECORP).
0630: Genaro Vargas shows me work area to clear. Work area is in DG-4A approximately 34.188916 N 118.177394 W.
0704: Crew of 12 starts working, primarily taking out *Raphanus sativus*.
0708: Genaro Vargas takes me to site of infected willows to start removing fungus from floor.
0721: Two-man crew finishes removing fungus from floor below infected trees.
0815: Relocated several western roads.
0847: Crew breaks.
0919: Crew returns from break.
0935: Crew comes across nest with fledglings while clearing vegetation. Set up 60 ft buffer. Marked in field maps as SOSP_12.
1015: Genaro Vargas takes me to second work area of the day to clear. Area is in DG-4 approximately 34.186813 N 118.177054 W.
1029: Observed rattlesnake in second work area. Marked as hazard in field maps. Flagged general area.
1100: Crew breaks for lunch.
1103: Collected larvae samples off of infected willows.
1155: Crew starts working in second work area.
1321: Crew breaks.
1344: Crew back from break.
1415: Crew starts cleaning up for the day.
1430: Left site.

Additional Comments
N/A

Signature

WorkArea_Before_facingSouth.jpg

Fungal_removal_facingSoutheast.jpg



Second_WorkArea_Before_facingSoutheast.jpg

Second_WorkArea_after_facingSoutheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	4-6 MPH	100 %
End of Day	14:45	79 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (7), hoes (4), hula hoes (2).
3. Gothic Landscape crew of 10 plus Juan 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: HOFI, BEWR, ACWO, NUWO, AMCR, CALT, SPTO, MODO, EUCD, BHGB, AMCR, CAQU, RTHA, EUST, CASJ, RCPA, CORA, LEGO, NRWS, BEWR, BUSH, ALHU, ANHU, WTSW, HOWR, BLPH, KILL, SOSP, NOMO, CAKI, BARS, OATI, ATFL, HOOR, TUVU, WREN, YEWA, BGGN
Mammals: California ground squirrel, Desert rabbit, Coyote
Reptiles: Western fence lizard, Western whiptail
Amphibians: Western toad
Invertebrates: Pyamid ant, Yellow-faced bumblebee, American lady, Asian lady beetle, Honeybee, Jumping spider, Variegated meadowhawk, Aphid, Argentine ant, Harvester ant, Pallid-winged grasshopper, Red admiral, Tripartite sweat bee, Western tiger swallowtail, Blow fly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0640: Crew begins work in southwest corner of DG-4. Surrounding work area monitored for any wildlife activity.
0745: Red-tailed hawk perched and calling in DG-4.
0900: Crew takes break.
0915: Crew returns to work.
0930: Coyote observed in DG-1. House wren observe bringing nesting material to nest.
1030: Wrentit singing loudly near known nest.
1200: Crew takes lunch.
1220: Bushtits observed feeding fledglings near known nest.
1230: Crew returns to work.
1420: Removed vegetation mainly consists of poison hemlock and mustard.
1435: Crew begins to wrap up work taking last load of removed vegetation to the dumpster.

Additional Comments
N/A

Signature

DG4_DG4C_post_vegetation_removal_facingNorth.jpg
-118.17457644444445 34.19323536111111

DG4_vegetation_removed_facingSouth.jpg
-118.17458430555556 34.19322002777778

RTHA_DG4_facingNortheast.jpg
-118.1725461 34.194742444444444

Johnsonfield_trail_facingEast.jpg
-118.17163995 34.19201451111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	57 °F	0-3 MPH	100 %
End of Day	14:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Shovels, hoes
3. Natures Image six man crew (Genaro Vargas 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:
SOSP, BEWR, Western toad, BUSH, RCPA, MALL, NRWS, California ground squirrel, CORA, AMCR, BGGN, CAQU, BHGR, SPTO, CALT

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived onsite.
0630: Cleared work area. Crew working in DG-4 approximately 34.186744 N 118.17710.
0704: Crew starts working.
0852: Crew breaks.
0859: I take department of agriculture to infected willows for them to sample.
1015: Department of agriculture finishes sampling.
1045: Crew breaks for lunch.
1135: Crew returns from lunch.
1400: Crew starts cleaning up for the day.
1430: Leave site.

Additional Comments
N/A

Signature

Samples_facingEast.jpg

During_facingSouth.jpg

After_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Corrina Tapia
Company: ECORP
Date of Log: June 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	66 °F	0-3 MPH	100 %
End of Day	14:35	86 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nonnative vegetation removal in portions of DG-4, 4A, and 7. Hand tools Genaro and crew of six from 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:
EUCD, BLPH, MODO, SPTO, SOSP, BUSH, ALHU, CALT, CASJ, HOFI, LEGO, RCPA, CORA, CAQU, CLSW, RTHA, TUVU, NUWO, YEWA, NOMO, HOFI, Cabbage white, Swallowtail, Red admiral, Western honey bee ,Carpenter bee ,Yellow-faced bumble bee ,California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site and waited for crew and Genaro Vargas, foreman, to arrive.
0630: Met Genaro and he drove me to the site they plan to work on.
0646: Crew working near BUSH-4. The nest is falling apart and deemed inactive.
0710: Crew arrived at site after I gave clearance. No new nests observed but high activity and dense vegetation. 7-person crew.
0721: Crew pulling poison hemlock, Maltese star thistle, and mustard primarily. Work area near 34.193570, -118.172551.
0915: Crew finished break and some people split off to work on irrigation. Five person crew still working in area.
1100-1200: Crew took lunch.
1210: Bird egg found on the ground near the access trail. No visible nest but could be ground nester. No bird had flushed when initially found and no bird returned after 10+ minute observation period. Marked in FieldMaps but did not set up a buffer.
1245: Work occurring in DG-4, 4A, and 7.
1420: Crew began cleaning up.
1430: Crew began emptying vegetation into dumpster then left site. Done with the day.

Additional Comments
N/A

Signature

Pulled-nonnatives-06142024.jpg

Cleared-area-D4A-06142024.jpg

Cleared-area-D4-06142024.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:08	82 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and irrigation maintenance
2. Tarps (7), hula hoes (2), hoes (2), and 2/3 prong cultivators.
3. Gothic Landscape crew of ten plus Juan 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, SPTO, WREN, MODO, EUCD, NUWO, BHGB, NRWS, DEJU, CAQU, AMRO, EUST, ACWO, CASJ, BEWR, AMCR, BUSH, CANG, BLPH, RCPA, COHA, CAKI, CORA, NOMO, BGGN, YEWA, MALL, KILL, CLSW, ANHU, LEGO, WTSW, WEWP, ALHU, RTHA
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western toad
Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail
Invertebrates: Yellow-faced bumblebee, Asian lady beetle, Tumbling flower beetle, Aphids, Poison hemlock moth, Cabbage white, Harvester ant, Orb weaver, Gray buckeye, Red admiral, Honeybee, Mourning cloak, Carpenter bee, Western tiger swallowtail, Lorquin's admiral, Blow fly, Typical blues, Skipper, Yellow jacket

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Majority of crew heads into restoration to begin vegetation removal in southern portion of DG-W-2. Three crew members go to the east side to check on irrigation.
0730: Acorn woodpecker observed poking head out of nest cavity. Additional flagging tape added to better denote buffer. Crew informed of nest buffer and to avoid work in that area.
0805: Melampsora rust observed on willow.
0900: Crew takes break.
0915: Crew returns to work.
1123: Northern mockingbird observed carrying food into oak tree.
1204: Bluegray gnatcatcher fledglings being fed in Johnson Field.
1230: Crew returns to work after lunch.
1330: California towhee observed incubating three eggs.
1340: Crew throws out last load of removed vegetation.

Additional Comments
N/A

Signature

DGW2_melampsora_rust_facingSouth.jpg
-118.17407775000001 34.19320066666666

DGW2_vegetation_removed_facingNorth.jpg
-118.1750996388889 34.19272791666666

Coopers_hawk_chick_preening_facingSouth.jpg
-118.17170683333333 34.19004348888888

Blue-gray_gnatcatcher_fledglings_Johnsonfield_facingSouth.jpg
-118.171235961111112 34.192039261111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: June 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:24	57 °F	0-3 MPH	100 %
End of Day	14:21	75 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
HOFI, CAQU, SPTO, RCPA, NRWS, SOSP, CALT, BHGR, CORA, NOMO, WREN, LEGO, AMRO, ANHU, BUSH, CASJ, Desert cottontail, MODO, BEWR, Western fence lizard, Side-blotched lizard, RSHA, California ground squirrel, Western tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.193229°N 118.172573°W).
0700: No nesting activity observed in work area, cleared crew to start. Continued monitoring wildlife activity.
0750: Went to area of California scrub-jay nest (CASJ-7) to update.
0850: Observed CASJ bring food to nest location. Nest likely in nestling phase. Updated point in field map.
0920-1020: Watched a bushtit nest (BUSH-13). Updated nest as inactive due to nest being in disrepair and lack of BUSH activity. Removed flagging.
1100-1130: Lunch.
1130: Continued monitoring wildlife activity in the work area.
1405: Crew finished weeding for the day. Headed back to the car.
1420: Left site.

Additional Comments
N/A

Signature

20240617_workareabefore_facingSoutheast.jpg
-118.17259805555555 34.193244263888886

20240617_work_area_end_of_day1_facingSoutheast.jpg
-118.17258758333334 34.193268761111106

20240617_workareaEOD2_facingE.jpg
-118.17237398888889 34.19322527777778

20240617_workareaEOD3_facingS.jpg
-118.17265036111111 34.19336831944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	4-6 MPH	100 %
End of Day	14:45	75 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (7), two prong cultivator (2), hoe (6)
3. Gothic Landscape crew of 10 plus Juan 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: SPTO, WREN, RCPA, MALL, SOSP, KILL, NRWS, YEWA, AMCR, CALT, WTSW, RSHA, CAQU, BEWR, BUSH, BLPH, LEGO, ACWO, HOFI, BARS, CLSW, CORA, DEJU, CASJ, BGGN, ANHU, BHGB, MODO, RTHA, TUVU, NOMO, ATFL, NUWO, ALHU, DCCO
Mammals: Desert cottontail, California ground squirrel
Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail
Amphibians: Western toad
Invertebrates: Orb weaver, Darkling beetle, Honeybee, Yellow-faced bumblebee, Dragonfly, Cabage white, Hover fly, Harvester ant, Blow fly, Black tailed bumblebee, Gray buckeye, Tumbling flower beetle, Western tiger swallowtail, Mayfly, Sunflower bee, Red admiral, Convergent lady beetle, Pallid winged grasshopper, Mourning cloak

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0645: Crew starting in DG-3A south of parked cars. Irrigation is turned on. Biologist monitors surrounding work area for any wildlife activity.
0655: Deceased American crow west of DG-3A on west facing slope.
0725: Observed two adult Canada geese with five goslings foraging near waters edge.
0850: Observed bushtit carrying nesting material into oak tree.
0940: Observed coyote walking into excavated retaining pond and then laydown.
1030: Crew moves to west side of DG-3 to steer clear of utility workers work.
1050: Observed orange moss on knot of willow tree.
1058: Observed Melampsora rust around branches of a mulfat shrub that is adjacent to a different mulefat with the rust visible on its leaves.
1120: Monitored wrentit nest to update activity.
1200: Crew takes lunch.
1230: Crew returns to work.
1425: Irrigation is turned off.
1440: Crew begins to wrap up work gather the rest of the removed vegetation for the day.

Additional Comments
N/A

Signature

American_crow_deceased_near_DG3A_facingWest.jpg
-118.17358686944445 34.187791338888886

DG3B_vegetation_removed_facingWest.jpg
-118.17276061111112 34.18767348055555

Coyote_in_retaining_pond_facingEast.jpg
-118.17047556111112 34.19395531944444

DG2_cottonwoods_yellowing_facingNorth.jpg
-118.17228566111112 34.19144102777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: June 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	59 °F	0-3 MPH	100 %
End of Day	14:14	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
MODO, ANHU, NRWS, CASJ, SPTO, SOSP, Western toad, CALT, HOFI, LEGO, NOMO, BHGR, ACWO, NUWO, AMCR, RCPA, WREN, BEWR, AMRO, Desert cottontail, California ground squirrel, BUSH, CAQU, Western fence lizard, Side-blotched lizard, MALL, KILL, COYE

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.193218°N 118.172551°W).
0700: No nesting activity observed in work area, cleared crew to start. Continued monitoring wildlife activity in the area.
0730-0830: Watched bushtit nest (BUSH-14) to update.
0830: Updated BUSH-14 as inactive due to lack of BUSH activity at nest location. Removed flagging.
0840-1040: Watched spotted towhee (SPTO-3) and song sparrow (SOSP-7) nests to update.
1040: No SPTO or SOSP activity observed at nest locations. Will check back after lunch.
1100-1130: Lunch.
1130: Continued monitoring wildlife activity.
1215: Removed flagging from SPTO-3 and SOSP-7. Updated nest points. Went back to crew work area.
1400: Crew finished weeding for the day, started cleaning up. Took end of day photos, sent update to tomorrow's monitor, headed back to vehicle.
1415: Left site.

Additional Comments
N/A

Signature

20240618_workareabefore_facingSouthwest.jpg
-118.17261297222223 34.19317205555555

20240618_workareabefore2_facingWest.jpg
-118.17259192777779 34.19319311111111

20240618_workareaendofday1_facingSouth.jpg
-118.17261809444445 34.19335983333333

20240618_workareaendofday2_facingSouthwest.jpg
-118.17254828611111 34.193234222222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:44	77 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (7), hoes (4), 2 prong cultivator (6)
3. Gothic Landscape crew of 10 plus Juan 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: RCPA, CANG, BEWR, BEWR, YEWA, NRWS, BHGB, BGGN, CALT, CASJ, HOFI, DCCO, CLSW, MALL, AMCR, CORA, SOSP, COYE, BUSH, BLPH, KILL, GBHE, RUDU, BLPH, CLSW, LEGO, MODO, DEJU, TUVU, OATI, ACWO, NUWO, COHA
Mammals: California ground squirrel
Reptiles: Western fence lizard, Side-blotched lizard
Amphibians: Western toad
Invertebrates: Scentless plant bug, Aphid, Leaf hopper, Blow fly, Orb weaver, Cabbage white, Dragonfly, Gray buckeye, Pallid-winged grasshopper, Honeybee, Yellow-faced bumblebee, Harvester ant, Yellow jacket, Variegated meadowhawk, Carpenter bee, Hover fly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0640: Crew begins work in DG-3B. Two crew members turning on the irrigation. Biologist informs crew lead about the potential fungus found on the other side of the site and the precautions to take if it is seen on this side. Monitored surrounding work area for any wildlife activity.
0725: Biologist informs crew lead that one of the plants in question is native and to leave that one.
0825: Observed two groups of goslings. The younger downy group seen yesterday had five and the older group had six.
0900: Crew takes break.
0915: Crew returns to work.
0930: Biologist informs crew lead of two non-native plants in next work area that they can remove.
1050: Observed American coot nest to update activity.
1129: Observed house finch fledgling perched on utility wire being fed.
1134: Observed cliff swallow going to and from entrance of active nest.
1200: Crew takes lunch.
1219: Swallow fledgling perched on utility wire.
1230: Crew returns to work on west facing slope of DG-2.
1435: Crew begins to wrap up work and head out of the restoration area.

Additional Comments
N/A

Signature

DG3A_pre_vegetation_removal_facingNorth.jpg
-118.173677 34.185933569444444

DG3A_post_vegetation_removal_facingNorth.jpg
-118.17368052777778 34.18588577777778

DG3A_vegetation_removed_facingWest.jpg
-118.17367161111112 34.18602238055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: June 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61 °F	0-3 MPH	100 %
End of Day	14:30	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement.
2. Hand tools (hoes, shovels), weed whacker.
3. Nature's Image, crew lead 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:
CAQU, BUSH, MODO, LEGO, CASJ, HOFI, WTSW, RTHA, CALT, ACWO, BARS, TUVU, WEKI, BGGN, ANHU
Western fence lizard, Coastal whiptail, Western side-blotched Lizard, Western toad, Desert cottontail, California ground squirrel, Wood rat

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site.
0640: Began sweep of work area (northern portion of DG-4) prior to work commencing.
0655: Work area cleared for work.
0700: Nature's Image crew begin weed abatement activities. -The crew removes non-native weed species such as shortpod mustard (*Hirschfeldia incana*) and Maltese star-thistle (*Centaurea melitensis*) and carries them off the site in tarps while leaving native species intact. Genaro operates the weed whacker while the rest of crew uses hand tools.
1400: No nesting bird activity was observed today.
1415: Crew picks up last few tarps full of weeds and takes them to the truck.
1430: Crew finishes cleaning up and I depart site.

Additional Comments
N/A

Signature

DG-4_before_facingSouth.jpg
-118.17219200833334 34.19479283333333

WeedWacking_thistle_facingWest.jpg
-118.17232248333333 34.19481419444444

DG-4_During_facingSouth.jpg
-118.172195 34.19480186111111

DG-4_After_facingSouth.jpg
-118.17218191666667 34.19478838888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:45	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and watering additional plantings
2. Tarps (7), 2/3 prong cultivator (10)
3. Gothic Landscape crew of 10 plus Juan 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: SPTO, RCPA, CAQU, BHGB, SOSP, BUSH, KILL, LEGO, AMCR, BGGN, HOFI, WTSW, NRWS, YEWA, COYE, CALT, BLPH, CASJ, NUWO, DCCO, RUDU, CANG, CLSW, DEJU, ALHU, ANHU, COHA, CORA, ACWO,
Mammals: California ground squirrel, Coyote
Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail
Amphibians: Western toad, Pacific tree frog
Invertebrates: Nomophila, Wolf spider, Honeybee, Aphids, Hover fly, Blow fly, Yellow-faced bumblebee, Carpenter bee, Tumbling flower beetle, Leaf hopper, California borded plant bug, Sunflower bee, Pallid winged grasshopper, Cabage white, Dragonfly, Gray buckeye, Skipper, Harvester ant, Yellow jacket, Seven-spotted lady beetle, Asian lady beetle, Katydid, Orb weaver, Jumping spider, Red admiral, Western tiger swallowtail, Mourning cloak

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrived on site.
0640: Crew begins work in DG-3B. Two crew members turning on the irrigation. Biologist informs crew lead about the potential fungus found on the other side of the site and the precautions to take if it is seen on this side. Monitored surrounding work area for any wildlife activity.
0725: Biologist informs crew lead that one of the plants in question is native and to leave that one.
0825: Observed two groups of goslings. The younger downy group seen yesterday had five and the older group had six.
0900: Crew takes break.
0915: Crew returns to work.
0930: Biologist informs crew lead of two non-native plants in next work area that they can remove.
1050: Observed American coot nest to update activity.
1129: Observed house finch fledgling perched on utility wire being fed.
1134: Observed cliff swallow going to and from entrance of active nest.
1200: Crew takes lunch.
1219: Swallow fledgling perched on utility wire.
1230: Crew returns to work on west facing slope of DG-2.
1435: Crew begins to wrap up work and head out of the restoration area.

Additional Comments
N/A

Signature

Pacific_tree_frog_west_of_DG2_facingEast.jpg
-118.17294730555557 34.188912027777775

DG2_pre_vegetation_removal_facingNortheast.jpg
-118.1730879 34.18881016666666

DG2_post_vegetation_removal_facingNortheast.jpg

DG2_new_channels_facingSouth.jpg
-118.17212576111112 34.19049765

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin stuart, Carly Tailor
Company: ECORP
Date of Log: June 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	58 °F	0-3 MPH	0 %
End of Day	14:30	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant removal at DG-4
2. Hand tools and weedwacker
3. Natures Image - 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:
CALT, AMRO, SOSP, CAKI, ACWO, NUWO, OATI, SPTO, Parrot spp, YEWA, CAQU, BEWR, BUSH, BLPH, RSHA, BGGN, ALHU, LEGO, HOFI, NOMO, CASJ, MODO, Desert cottontail, NRWS, KILL, RTHA, Western fence lizard, BARS, California ground squirrel, WTSW, CLSW, Coastal whiptail, BHGR, Wood rat, RUDU, DCCO, COYE, CANG, MALL, AMCR, WREN, CORA, COHA, ANHU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site and started pre sweep.
0720: Crew began work. California scrub-jay (CASJ) parents from nest CASJ-7observed feeding fledgling.
0847: Crew took first break. Observed blue-gray gnatcatcher pair with fledgling from nest (BGGN-3).
0920: Crew returned from break. Genaro started using weed wacker along road in restoration area.
1048-1140: Crew had lunch break.
1321: Crew had second break.
1406: City of Pasadena and bulldozer working on east side at Johnson Field.
1415: Genaro and crew started cleaning up for end of day.
1430: End of day.

Additional Comments
N/A

Signature

Pre_Vegetation_Removal.jpg

Post_Vegetation_Removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	85 %
End of Day	15:00	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: Common Yellowthroat, Spotted Towhee, California Towhee, Blue-grey Gnatcatcher, Mallard, Hooded Oriole, Yellow Warbler, Bushtit, Western/Pacific-slope Flycatcher, Cooper's Hawk, Anna's Hummingbird, California Quail, Lesser Goldfinch, Bewick's Wren, Black-headed Grosbeak, Oak Titmouse, Nuttall's Woodpecker, Mourning Dove, Common Raven, Red-crowned Parrot, Northern Mockingbird, Acorn Woodpecker, Black Phoebe, Double-crested Cormorant, Barn Swallow, Cliff Swallow, Northern Rough-winged Swallow, Canada Goose, Ruddy Duck, Killdeer, California Scrub Jay, Red-shouldered Hawk, House Finch, California Thrasher
Mammals: Audubon's Cottontail, Beechey Ground Squirrel,
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Southern Pacific Rattlesnake

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700: Walked up trail to Johnson Field and back down to search for any new nests.
0730: A fallen (presumed) LEGO nestling was observed loudly begging in the mustard thicket below an oak adjacent to the trail. Bird appears too young to be away from the nest, and parents were not observed, but it appear uninjured and may still be getting fed by parents. Was marked on Field Maps as FallenNestling_01
0830: Discovered Canada goose (CANG_01) nest.
0930: Crew broke for break.
1145: Crew broke for lunch.
All day - Crew worked from the lower end of DG-2 up to just below Johnson Field

Additional Comments
Parents observed feeding recently fledged young: Blue-grey Gnatcatcher, Hooded Oriole, Lesser Goldfinch, Common Raven

Signature

Fallen_lesser_goldfinch_nestling.JPG

Coopers_hawk_1_Chicks_learning_to_fly.JPG

Southern_pacific_rattlesnake_DG2.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Corrina Tapia
Company: ECORP
Date of Log: June 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °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:
Vegetation clearing of nonnatives in DG-4 and DG-7. Six person crew total from Nature's Image. Hand tools used.

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, NUWO, HOFI, LEGO, CAQU, CASJ, CALT, SPTO, MODO, RCPA, ACWO, BGGN, BLPH, BEWR, NRWS, RTHA, ECDO, SOSP, CAKI, ALHU, Swallowtail, Cabbage white, Western honeybee, California ground squirrel, Desert cottontail, Western fence lizard, California whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived at meeting location to meet crew.
0645: Began clearance sweep.
0700: Notified Gerano they were okay to start; no new nests found, or nesting behavior observed.
0710: Crew began work in DG-4 and DG-7, near a fledged California scrub-jay nest (CASJ-7). North end and working south. Crew of six total. Primarily pulling poison hemlock and mustard.
1100-1200: Crew took lunch. Went to pick up bat detectors on east side.
1255: Fungal growth observed on a black willow. Marked with a generic point in field maps. An old bushtit (BUSH) nest was also observed in the adjacent willow, BUSH-20, that is inactive. Bottom is falling apart and no activity at the nest. Marked in field maps.
1415: Crew finished vegetation removal activities and hauled all pulled material to the dumpster. Left to pick up remaining bat detectors on the west side.
1500: Left site.

Additional Comments
N/A

Signature

Prior-to-clearing-06212024.jpg

Clearing-in-progress-06212024.jpg

Post-clearing-06212024.jpg

During_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	09:30	72 °F	0-3 MPH	0 %
End of Day	13:55	83 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal and irrigation maintenance.
2. Tarps (7), 2/3 prong cultivators (4), hoes (6)
3. Gothoc Landscape crew of ten plus Juan 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: WTSW, CASJ, CALT, WREN, SOSP, CAQU, HOFI, LEGO, BLPH, RTHA, PHAI, MODO, BHGB, BUSH, ACWO, ANHU, AMCR, CORA, BEWR, NUWO, SPTO, NRWS, HOSP, HOOR, BGGN, RCPA, WBNU, TUVU, BASW, ALHU
Mammals: California ground squirrel, Desert cottontail
Reptiles: Side-blotched lizard, Western whiptail, Western fence lizard
Amphibians: Western toad
Invertebrates: Western tiger swallowtail, Mourning cloak, Cabbage white, Yellow jacket, Pallid wing grasshopper, American dotted blue, Gray buckeye, Blow fly, Honeybee, Red admiral, Tumbling flower beetle, Harvester ant, Satyr comma, Carpenter bee, Aphid, Asian lady beetle

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0930: Arrived on site.
1000: Crew arrives on site. Irrigation is turned on.
1010: Crew begins to work in southern end of DG-8 working south towards DG-2.
1015: Two crew members go to check on irrigation.
1030: Observed three female hummingbirds foraging in Eucalyptus.
1033: Observed red-tailed hawk perch on sycamore next to retaining pond. Some feathers astray.
1105: Observed additional red-tailed hawk perch on adjacent eucalyptus and is begging for food. Both red-tailed hawks appear to be juveniles.
1210: Crew takes lunch.
1240: Crew returns to work. Majority of crew in Johnson Field. Two crew members go turn off the irrigation.
1340: Crew begins to wrap up work. Taking last removed vegetation to the dumpster.

Additional Comments
N/A

Signature

DG2_DG8_vegetation_removed_facingWest.jpg
-118.17149341111111 34.19224297222222

Red-tailed_hawk_perched_in_eucalyptus_facingNorth.jpg
-118.17116308888889 34.192709888888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:28	68 °F	0-3 MPH	0 %
End of Day	14:49	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Habitat restoration activities limited to removing invasive weeds along the east side of the Arroyo Seco in the north end of the restoration site
2). Equipment limited to hand tools.
3). Contractor is Gothic and includes 10 men plus the foreman Juan.

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: CAQU, CALT, RTHA, AMCR, BHGR, RWBL, CASJ, NUWO, CATH, SOSP, LEGO, HOFI, OATI, BUSH, ACWO, ANHU, SPTO, BGGN, WTSW, BEWR, Red-masked Parakeet, YEWA, OCWA
Herps: California toad, Great basin fence lizard
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived at today's work area in Johnson Field.
0630- Gothic arrived and mobilized.
0640- Crew at work removing invasive plant species from north end of restoration site.
0900- Crew on AM break.
0915- Crew returned to same location to continue with removing invasive plant species.
1200- Crew on lunch break.
1230- Crew back to work removing non-native invasive plant species in the same general location along the north end of the restoration site.
1445- Crew completed todays work and all personnel have departed from the site.

Additional Comments
N/A

Signature

Gothic_crew_mobilizing_Johnson_Field_FacingSoutheast.jpg
-118.17146385555556 34.19231108333333

Crew_removing_invasive_weeds_facingSouthwest.jpg
-118.17184955555555 34.191969388888886

Crew_removing_imvasive_weeds_FacingSouth.jpg
-118.17072698888889 34.1917985

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: June 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	5 %
End of Day	14:29	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (hoes, shovels), weed whacker
3. Nature's Image, crew lead 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:
NOMO, CAQU, BUSH, MODO, LEGO, CASJ, SOSP, HOFI, BGGN, RTHA, CALT, ACWO, AMCR, SPTO, WEKI, BEWR, ANHU, NRWS, EUCD, NUWO Western fence lizard, Western side-blotched lizard, Coastal whiptail, Desert cottontail, Coyote, Wood rat, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrived on site
0642: Began sweep of work area (northern portion of DG-4) prior to work commencing.
0654: Work area cleared for work.
0700: Nature's Image crew begin weed abatement activities. -The crew removes non-native weed species, mainly poison hemlock (*Conium maculatum*), as well as some shortpod mustard (*Hirschfeldia incana*) and perennial pepperweed (*Lepidium latifolium*). The crew carries them off the site in tarps while leaving native species intact.
0925: Crew member begins weed abatement in DG-7 near eastern slope of reservoir, removing mustard.
1220: The crew continues in DG-4 except farther west to be under the shade of some large willow trees. The target weed species are the same as stated above.
1400: No nesting bird activity was observed today.
1415: Crew picks up last few tarps full of weeds and takes them to the kubota.
1430: Crew finishes cleaning up and I depart site.

Additional Comments
N/A

Signature

DG4_before_facingSouthwest.jpg
-118.17193609444445 34.19414069444444

DG4_during_facingSouthwest.jpg
-118.17197934166667 34.194110277777774

DG7_during_facingSouth.jpg
-118.17178418611111 34.194127027777775

DG4_after_facingSouthwest.jpg
-118.17199230555556 34.194155027777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	68 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: SPTO, RCPA, BEWR, SOSP, OATI, HOFI, YEWA, LEGO, BHGR, ANHU, NUWO, CALT, BGGN, NOMO, MODO, CAKI, NRWS, GREG, CLSW, BARS, MALL, AMCO, KILL, RUDU, CATH, AMCR, BUSH, ALHU, CORA, COHA, OCWA, WTSW, WEFL, CASJ, CAQU, ACWO, TUVU
Amphibians: Western toad
Reptiles: Western fence lizard, Western whiptail
Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0640: Arrive on site. Work today will consist of non-native weed removals within Johnson Field on the east portion of the site.
0800: Spoke with ECORP biologists (Carly, Josh, Justin) who are conducting plant transect surveys in Johnson Field.
0835: Flagged a new song sparrow nest By DG-2/3 slope failure at far south end of site.
0900: Crew takes a break.
0915: Crew resumes work in Johnson Field and works westward.
0930: No activity at Coopers hawk nest; presumably chicks have fledged and likely aren't utilizing nest at this time.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work area.
1455: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Work_area_Johnson_Field_facingNortheast.jpg
-118.17162304722223 34.19136505555555

SOSP_nest_DG-2_facingNorthwest.JPG
-118.17290555555556 34.18832777777777

Coopers_hawk_nest_fledged_DG-2_facingSouth.jpg
-118.17170704722223 34.190037402777776

Weed_removal_JohnsonField_facingWest.jpg
-118.17132459444444 34.19158613888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: June 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	5 %
End of Day	14:22	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Hand tools
3. Nature's Image (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:
RSHA, SPTO, BGGN, CORA, SOSP, parrot sp., BHGR, MODO, CAQU, CASJ, OATI, ALHU, CALT, BEWR, LEGO, NOMO, ANHU, Western toad, NUWO, BUSH, CLSW, Western fence lizard, RTHA, HOFI, ACWO, Coastal whiptail, BLPH, WREN, NRWS, CAKI, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Began pre-sweep of work area (DG-4).
0705: Relocated western toad. Crew began removing non-natives (primarily fireweed, mustard, and poison hemlock).
0725: Inactive ground nest found in mustard patch. Left nest undisturbed.
0829: California scrub-jay (CASJ-7) fledgling still being fed by parents. Fledgling moving around work area (mobile and able to fly) and is not affected by work activities.
0848-0920: Break.
1050-1140: Lunch.
1140: Due to hot temps, moved to more shaded areas. Work is still occurring in DG-4.
1215: Heard and observed lesser goldfinch fledgling begging in patch of thistle and mustard. No nest observed. Crew not working near fledgling.
1330-1345: Break.
1409: Clean up.
1422: End of day.

Additional Comments
N/A

Signature

Before_weeding_occured.jpg

Post_vegetation_removal.jpg

Pre-vegetation_removal.jpg

Post_vegetation_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	66 °F	0-3 MPH	0 %
End of Day	14:41	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed removal monitoring.
2. Hand tools, eight.
3. Eight, Nature's Image, Genero and 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:
HOFI, BHGR, Amazonia sp., BEWR, LEGO, BGGN, BUSH, NRWS, SPTO, MODO, RTHA, MALL, CAQU, NUWO, CAKI, AMCR, and ALHU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Crew began arriving.
0630: Spoke to Genero about game plan for weeding in DG-4 by transects 2-4.
0640: We arrived at the weeding area and discussed the game plan.
0655: We finished discussing the plan and I began clearing the area.
0715: Crew began weeding near the start of transect 3 in DG-4.
0745: Lesser goldfinch (LEGO) fledgling observed begging for food from adults flying between shrubs low to the ground and far from the crew. No nest observed. Took generic point roughly North of LEGO_3 point and in line with blue California scrub-jay point.
0800: Genero informed me Ed is working on irrigation work right now and will be joining the weeding crew later in the day.
0850: Crew broke for first break.
0920: Crew returned from first break (including 10 min travel time round trip). Ed has finished irrigation and joined the weeding crew.
1020: Crew starting to periodically bring full tarps to dumpster.
1050: Crew broke for lunch.
1145: Crew returned from lunch (including 10-minute round trip travel time).
1200: Raul joined the crew to help.
1250: Raul left for the day.
1255: The crew has mainly been working in the dense mulefat to the west along transect line three.
1320: Crew broke for second break.
1345: Crew returned from second break (including 10 minute round trip travel time).
1420: Crew began cleaning up for the day.
1440: Crew finished putting everything away and is leaving site.

Additional Comments
N/A

Signature

area_1_start_facingSouth.jpg
-118.17216583333334 34.19416694444444

area_1_after_facingSouth.jpg
-118.17219694444445 34.19419499999999

area_3_during_facingEast.jpg
-118.17244277777779 34.19375694444444

area_4_done_facingNortheast.jpg
-118.17243972222222 34.193867777777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	15:00	86 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus crew lead Juan.

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:
Bird: California Towhee, Red-crowned Parrot, Oak Titmouse, Red-tailed Hawk, Lesser Goldfinch, Cliff Swallow, Bushtit, Nuttall's Woodpecker, Bewick's Wren, Northern Mockingbird, Acorn Woodpecker, Black-headed Grosbeak, Phainopepla, Yellow Warbler, California Scrub Jay, Red-shouldered Hawk, Common Raven, House Wren, Cassin's Kingbird, California Thrasher, Canada Goose
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0730: Inspected weeded veg piles to ensure all removals were of non-native and invasive species.
0845: Crew broke for break.
0900: Received a message from Josh Harris (ECORP) stating that during quantitative monitoring team heard a Yellow-breasted Chat (YBCH) in DG-2. Josh was informed that YBCH had been infrequently spotted in the area over the past few months and to be careful when traipsing through dense vegetation in the unlikely event a nest was present and not already known about.
1145: Crew broke for lunch.
All day - Crew worked on the upper slopes above Johnson Field pulling primarily mustard and non-native grasses (Festuca myuros, Bromus sp., etc)

Additional Comments

Signature

Crew_weeding_upper_slopes.jpg
-118.17145298055556 34.192791361111105

Slopes_post_invasive_grass_removal.jpg
-118.17147711111112 34.19281033333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:12	67 °F	0-3 MPH	0 %
End of Day	14:42	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities today are limited to the removal of invasive non-native plant species.
2) Equipment used today is limited to hand tools such hoe and shovel.
3). Crew from Gothic includes ten men plus one foreman, Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

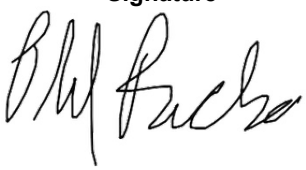
List of species observed while monitoring:
Birds: CASJ, ACWO, CALT, SPTO, TUVU, CORA, ANHU, SOSP, HOWR, BEWR, Red-masked parakeet, MODO, MALL, NOMO, PHAI, NRWS, WREN, HOFI, ALHU, BLPH, RTHA, LEGO, HOOR, CAQU, WEKI, BARS, WTSW, SAPH
Herps: Great basin fence lizard, California toad
Mammals: Desert cottontail, Coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- ICF biologist arrived at Johnson Field staging area.
0630- Gothic crew arrived at Johnson Field staging area and mobilized for today's activities.
0645- Crew at work weeding within the southern half of DG-1.
0900- Crew on AM break.
0915- Crew back to work in DG-1 weeding invasive weeds.
1200- Crew on lunch break.
1230- Crew back to work in DG-1 weeding invasive weeds.
1430- Crew done weeding. Crew emptying pulled weed material into trash container and demobilizing for the day.
1442- Biologist leaving site

Additional Comments
N/A

Signature



Crew_removing_invasive_weeds_DG-1_FacingSouthwest.jpg
-118.16931894166667 34.19523475

Crew_removing_invasive_weeds_DG-1_facingNorthwest.jpg
-118.16912922222222 34.19522090277778

Crew_Removing_weeds_DG-1_facingNorthwest.jpg
-118.16870992777778 34.19555765277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	62 °F	0-3 MPH	0 %
End of Day	14:30	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive weed maintence
2. Shovels, hoes
3. Natures Image (Genaro Vargas : 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:
HOFI, CALT, BHGR, ANHU, AMRO, BGGN, NUWO, BEWR, RCPA, NOMO, WREN, Western fence lizard, SPTO, CAQU, EUDO, CASJ, CATH, RTHA, NRWS, Rattlesnake sp., LEGO, Western toad, Side blotched lizard, Coastal whiptail, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived onsite.
0635: Genaro Vargas shows me both work areas for the day. Crew is working to clear transect lines #3 & 4. Their work areas are approximately 34.194255 N, 118.172270 W.
0830: Find tarp with plant material and trash left behind from another day. Alerted Genaro Vargas for removal.
0851: Crew breaks.
0914: Observed rattlesnake in work area along tansect #4 under bushes while crew is on break. Marked as a hazard point on FieldMaps.
0917: Crew returns from break, moved crew to clear just area around transect #3 due to snake in area.
1034: Crew finds egg on floor, outside of nest. No nest observed in the immediate surrounding area.
1046: Crew breaks for lunch.
1138: Crew returns from lunch.
1318: Crew breaks.
1410: Crew starts cleaning up.
1430: Left site.

Additional Comments
N/A

Signature

WorkArea_transect4_facingNorthwest.jpg

WorkArea_transect3_facingNortheast.jpg

Found_egg_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	60 °F	4-6 MPH	0 %
End of Day	13:32	81 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (seven), hoes (eight).
3. Gothic Landscape crew of ten plus Juan 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, BLPH, NOMO, RCPA, SPTO, HOFI, WREN, BEWR, BHGB, CASJ, OATI, AMRO, MODO, ANHU, RTHA, NUWO, MALL, CAKI, PHAI, AMCR, CORA, TUVU, WEBU, HOWR, NRWS, CLSW, BGGN, DEJU, ALHU, YEWA, BARS, HOOR, BUSH, CAQU, COHA
Mammals: Coyote, Desert rabbit, California ground squirrel
Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail
Amphibians: Western toad
Invertebrates: Dragonfly, Hairy tufted jumping spider, Honey bee, Cabage white, Harvester ant, Carpenter bee, Cochineal, Tumbling flowering beetles, American dotted blues, Gray buckeye, Western tiger swallowtail, Mourning cloak, Red admiral, California sister, Lady bug

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrived on site. The crew prepares for the day.
0645: Crew removes non-native vegetation from area where the trucks park. To prevent spreading seeds. Two crew members go to turn on irrigation and check lines for leaks.
0700: Crew heads to work area in DG-1, working their way north. Biologist monitors for any wildlife activity in DG-1 and surrounding work area.
0815: Observed western bluebird fledglings in sycamore.
0840: Observed house wren leave and return to nest cavity.
0900: Crew takes break.
0915: Crew returns to work.
0940: Observed barn swallow feeding another barn swallow perched next too retainment ponds.
0955: American robin gathering nesting material from algal mat in retainment pond. Western toads also hopping around on top of algal mats.
1015: Observed California scrub-jay fledgling fly to elderberry tree and begin begging for food. The fledgling then foraged some elderberries and a caterpillar then ceased begging.
1145: Observed the four Cooper's hawk fledglings hop around oak tree. One was eating something. Two were seen flying off towards adjacent oak trees.
1200: Crew takes lunch.
1230: Crew returns to work.
1320: Two juvenile red-tailed hawks in DG-1.
1330: Crew heads back towards dumpster to throw out last of removed vegetation for the day and turn off the irrigation.

Additional Comments
N/A

Signature

Parking_area_vegetation_removed_facingWest.jpg
-118.17133348055556 34.192256961111106

DG1_pre_vegetation_removal_facingNorth.jpg
-118.16799991944445 34.198133111111105

DG1_post_vegetation_removal_facingNorth.jpg
-118.16799578055556 34.19803086111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	61 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive weed maintence
2. Shovels, hoes
3. Natures Image (Genaro Vargas : 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:
AMRO, NOMO, MODO, LEGO, BUSH, BEWR, SPTO, HOFI, CASJ, Western fence lizard, RCPA, CAQU, BGGN, AMCR, BHGR, Alligator lizard, Coastal whiptail, NUWO, Cottontail, CALT, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived onsite.
0630: Genaro Vargas (foreman) shows me work area. Crew working near transect #4 in DG-4. Approximately 34.194139 N, 118.172326 W.
0704: Crew starts working, mostly pulling poison hemlock.
0848: Crew breaks.
0923: Crew returns.
1044: Crew member finds active beehive in area locating under pile of sticks. Moved crew, marked as a hazard point on Fieldmaps.
1048: Crew breaks for lunch.
1136: Crew returns from lunch
1215: Notice male Nuttall's woodpecker (NUWO) behavior. Observe him e entering nest cavitity in tree. Not observed after work was conducted near area. Nest status unknown, no fledglings geared from tree. Set up 25ft buffer, NUWO seems fine with crew presence, will change if needed. Marked as NUWO-04 in Fieldmaps.
1317: Crew breaks.
1350: Crew returns to area.
1408: Crew starts cleaning up for the day.
1430: Left site.

Additional Comments
N/A

Signature

Morning_Area_facingNortheast.jpg

NUWO_nest_facingNorthwest.jpg

Afternoon_area_facingSoutheast.jpg

Third Quarter Compliance Report for Activities Occurring between July 2024 and September 2024 for the Devil's Gate Reservoir Restoration Project

Los Angeles County, California

Submitted To:

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November 2024

CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
2.0 COVERED ACTIVITIES 1
2.1 Breeding Season Surveys 1
2.2 Biological Monitoring 3
2.3 Project Construction Activities 5
2.4 Habitat Restoration Activities 6
3.0 SATISFACTION OF ITP CONDITIONS 6
4.0 MITIGATION MONITORING AND REPORTING PROGRAM 6

LIST OF TABLES

Table 1. Third Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel 2
Table 2. Monitors Onsite during Work Days 3
Table 3. Devil's Gate Mitigation Monitoring and Reporting Program 7

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 2024
Appendix C – Construction Monitoring Logs
Appendix D – Habitat Restoration Monitoring Logs

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
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
Project	Devil's Gate Reservoir Restoration Project
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 third quarter of 2024 (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 24th report (Quarterly Compliance Report Number 24) 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, 2024.

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 U.S. Fish and Wildlife Service (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."

Weekly focused least Bell's vireo surveys per Condition 7.3.4 of the ITP continued through July 2024. Annual maintenance activities (including site prep for sediment removal activities) began on July 2, 2024. Accordingly, 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 prior to the start of annual maintenance activities. Sediment removal activities began on July 1, 2024, as such, twice weekly focused surveys continued after the sediment removal start date through the end of the least Bell's vireo breeding season per the Section 7 Conservation Measure 11b (August 31) and weekly surveys continued through the end

of the least Bell's vireo breeding season per the ITP (September 15). A total of 19 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 2024. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Third Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel

Date	Designated Biologist
07/02/2024	Christine Tischer
07/08/2024	Taylor Dee
07/09/2024	Shannan Shaffer
07/15/2024	Lauren Simpson
07/19/2024	Christine Tischer
07/22/2024	Lauren Simpson
07/24/2024	Carla Marriner
07/29/2024	Shelby Dunn
08/02/2024	Taylor Dee
08/06/2024	Shannan Shaffer
08/09/2024	Carla Marriner
08/13/2024	Jill Coumoutso
08/16/2024	Shannan Shaffer
08/19/2024	Shannan Shaffer
08/22/2024	Carla Marriner
08/27/2024	Shelby Dunn
08/30/2024	Shelby Dunn
09/04/2024	Shannan Shaffer
09/11/2024	Carla Marriner

One least Bell's vireo was aurally detected during the focused breeding season surveys on July 19, 2024. The least Bell's Vireo seemed to be passing through the area as the vocalization was not heard again for the remainder of the survey. One least Bell's vireo was incidentally aurally observed by a biologist during monitoring of restoration activities on July 31, 2024. The individual was heard periodically for approximately 40 minutes but was not detected again for the rest of the day. A California Natural Diversity Database form for both observations was submitted and were included as an attachment in the monthly survey report. The least Bell's vireo preconstruction survey report is included in Appendix A and the breeding season survey reports for July, August, and September 2024 are included in Appendix B.

No breeding least Bell's vireos were documented at the Project Site during the 2024 season. Weekly focused breeding season surveys for least Bell's vireo will resume in March 2025 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 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 July 1, 2024. As such, construction monitoring activities began on July 1, 2024 and no construction monitoring occurred to that date.

Daily biological monitoring of restoration activities occurred whenever 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.

Table 2. Monitors Onsite during Work Days

Date	Restoration Monitors	Construction Monitors
07/01/2024	Daniel Jaques, Phillip Richards	Alexandra Dorough
07/02/2024	Daniel Jaques, Kristen Klinefelter	Alexandra Dorough
07/03/2024	Josh Harris, Phillip Richards	No Construction Monitoring – Break in Annual Maintenance Activities
07/05/2024	Josh Harris, No work Gothic (extended holiday)	
07/08/2024	Daniel Jaques, Phillip Richards	No Construction Monitoring – Break in Annual Maintenance Activities
07/09/2024	Madison Panzino, Phillip Richards	
07/10/2024	Carly Tailor, Nicole Argueta	Carter Warwick
07/11/2024	Daniel Jaques, Phillip Richards	Amber Francis
07/12/2024	Amber Francis, Kristen Klinefelter	Sam Harrison
07/15/2024	Amber Francis, Amanda Martinez	Carter Warwick
07/16/2024	Amber Francis, Phillip Richards	Eliza McLean
07/17/2024	Daniel Jaques, Amanda Martinez	Amber Francis
07/18/2024	Daniel Jaques, Phillip Richards	Carter Warwick
07/19/2024	Daniel Jaques, Phillip Richards	Sam Harrison
07/22/2024	No work-Natures Image, Cole Sutter	Eliza McLean
07/23/2024	No work-Natures Image, Cole Sutter	Eliza McLean

Table 2. Monitors Onsite during Work Days		
Date	**Restoration Monitors**	**Construction Monitors**
07/24/2024	Daniel Jaques, Amanda Martinez	Madison Panzino
07/25/2024	Madison Panzino, Kristen Klinefelter	Josh Harris
07/26/2024	Daniel Jaques, Vincent Baker	Alexandra Dorough
07/29/2024	Eliza McLean, Cole Sutter	Jill Coumoutso
07/30/2024	Eliza McLean, Phillip Richards	Sam Harrison
07/31/2024	Sam Harrison, Phillip Richards	Jill Coumoutso
08/01/2024	Eliza McLean, Amanda Martinez	Jill Coumoutso
08/02/2024	Eliza McLean, Vincent Baker	Sam Harrison
08/05/2024	Carter Warwick, Cole Sutter	Jill Coumoutso
08/06/2024	Amber Francis, Kristen Klinefelter	Carter Warwick
08/07/2024	Eliza McLean, Phillip Richards	Jill Coumoutso
08/08/2024	Sam Harrison, Vincent Baker	Eliza McLean
08/09/2024	Carly Tailor, Kristen Klinefelter	Sam Harrison
08/12/2024	Amber Francis, Cole Sutter	Eliza McLean
08/13/2024	Sam Harrison, Amanda Martinez	Jill Coumoutso
08/14/2024	Madison Panzino, Vincent Baker	Eliza McLean
08/15/2024	Verity Richardson, Philip Richards	Madison Panzino
08/16/2024	Shelby Dunn, Philip Richards	Amber Francis
08/19/2024	Amber Francis, Kristen Klinefelter	Sam Harrison
08/20/2024	Daniel Jaques, Phillip Richards	Eliza McLean
08/21/2024	Madison Panzino, Cole Sutter	Jill Coumoutso
08/22/2024	Verity Richardson, Phillip Richards	Madison Panzino
08/23/2024	Carly Tailor, Kristen Klinefelter	Carter Warwick
08/26/2024	Amber Francis, Vincent Baker	Eliza McLean
08/27/2024	Daniel Jaques, Cole Sutter	Jill Coumoutso
08/28/2024	Madison Panzino, Vincent Baker	Jill Coumoutso
08/29/2024	Amber Francis, Kristen Klinefelter	Eliza McLean
08/30/2024	Eliza McLean, Amanda Martinez	Sam Harrison
09/03/2024	Carly Tailor	Eliza McLean
09/04/2024	Amber Francis	Madison Panzino
09/05/2024	Madison Panzino	Carly Tailor
09/06/2024	Sam Harrison	Jill Coumoutso

Table 2. Monitors Onsite during Work Days		
Date	**Restoration Monitors**	**Construction Monitors**
09/09/2024	Daniel Jaques	Madison Panzino
09/10/2024	Shelby Dunn	Jill Coumoutso
09/11/2024	Sam Harrison	Eliza McLean
09/12/2024	Verity Richardson	Carter Warwick
09/13/2024	Amber Francis	Jill Coumoutso
09/16/2024	Amber Francis, Taylor Solorzano	No Construction Monitoring – No Annual Maintenance Activities during This Period
09/17/2024	Eliza McLean, Amanda Martinez	
09/18/2024	Daniel Jaques, Amanda Martinez	
09/19/2024	Carter Warwick, Amanda Martinez	
09/20/2024	Sam Harrison, Amanda Martinez	
09/23/2024	Shelby Dunn, Amanda Martinez	
09/24/2024	Daniel Jaques, Kristen Klinefelter	
09/25/2024	Amber Francis, Amanda Martinez	
09/26/2024	Justin Stuart, Kirsten Klinefelter	
09/27/2024	Eliza McLean, Phillip Richards	
09/30/2024	Amber Francis, Vincent Baker	

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

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 July 1, 2024 with the installation of trailers. Sediment hauling activities began July 19, 2024 and continued through September 13, 2024.
- 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 for nesting bird activity 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 C.

2.4 Habitat Restoration Activities

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

- Restoration activities continued from July 1, 2024 through September 30, 2024.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), shortpod mustard (*Hirschfeldia incana*), curly dock (*Rumex crispus*), poison hemlock (*Conium maculatum*), scarlet pimpernel (*Anagallis arvensis*), European stinging nettle (*Urtica dioica*), wild radish (*Raphanus sativus*), creeping yellow-cress (*Rorippa sylvestris*), pink evening primrose (*Oenothera rosea*), Maltese star-thistle (*Centaurea melitensis*), rattail sixweeks grass (*Festuca myuros*), tree tobacco (*Nicotiana glauca*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), and thistle (*Carduus pycnocephalus*) were removed from DG-1, DG-2, DG-W-2 Mining Pit, DG-3, DG-3A, DG-3B, DG-4, DG-4A, DG-4C, DG-4 WOUS, DG-7, DG-8 onsite restoration areas and perimeter trails by hand pulling and using small hand tools, shovels, weed whips, hula hoes, one-line trimmers and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Existing irrigation systems were maintained.

Habitat restoration monitoring logs for this quarter detailing daily activities are 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 October 1, 2024 to December 31, 2024.

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	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities and continued to be present during restoration activities requiring vegetation removal during the 2024 third 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 2024 third 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- 3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22, 7/20/23 – 8/13/23, 7/26/23, 7/31/23, 8/1/23, 6/17/24, 6/20/24,	Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024 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 this third quarterly compliance report for 2024. Preconstruction surveys for sensitive species were conducted by qualified biologists on July 2, 2024.

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
						6/21/24, 6/28/24 7/2/24	
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 03/1/21 – 4/16/21 08/30/22, 09/08/22, 7/19/23, 7/28/23, 8/3/23, 8/11/23, 6/10/24, 6/17/24, 6/28/24, 7/9/24	Preconstruction surveys for nesting birds were completed during the third quarter of 2024. 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 during the third quarter 2024 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 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: • 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 1to 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.	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 surveys related to this measure were required during the 2024 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
• 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: o Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. o 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. o 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. The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.							
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: • 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: o Site-specific container plant (if applicable) and seed palettes, o Irrigation plan,	Reservoir Management • 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 • 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 2024 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
○ 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: ○ 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.							

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
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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 2024 third quarter reporting period.
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: • 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	Reservoir Management • 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 • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary	Los Angeles County Flood Control District	Less than significant	–	11/19/18 - ongoing	Restoration activities were continued during the 2024 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
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: 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		• Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off					

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
performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: ○ 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.							

Notes: CDFW = California Department of Fish and Wildlife; CNDDB = California Natural Diversity Database; LACFCD = Los Angeles County Flood Control District; LACPW = Los Angeles County Public Work; 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.

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 2024

Appendix C – Construction Monitoring Logs

Appendix D – Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Preconstruction Survey Report

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

July 24, 2024
(2023-005.010/004)

Mr. Keith Hala
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: khala@dpw.lacounty.gov

Subject: 2024 Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Mr. Hala,

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 July 10, 2024.

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 June 4, 2024, no less than 30 days prior to the scheduled start of Project activities on July 10, 2024. Surveys continued weekly, with three consecutive surveys occurring during the week prior to the start of routine annual maintenance. The final survey was performed the day prior to the start of Project maintenance activities. A total of seven preconstruction least Bell's vireo surveys were conducted between June 4 and July 9, 2024. The dates, personnel, and weather conditions for each survey are listed in Table 1. 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
06/04/2024	TD	0600	1100	59	77	100	15	0-1	2-5
06/12/2024	SD	0630	1100	62	70	100	30	0-1	0-1
06/19/2024	CM	0635	1045	61	68	100	40	1-3	2-4
06/27/2024	SD	0630	1100	63	70	0	0	0-1	0-2
07/02/2024	CT	0620	1000	56	78	100	0	0-1	0-2
07/08/2024	TD	0612	1100	66	83	0	0	0-2	3-8
07/09/2024	SS	0551	1025	64	81	10	0	0-2	0-2

* CM = Carla Marriner, CT = Christine Tischer, TD = Taylor Dee, SD = Shelby Dunn, SS = Shannon Shaffer

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.

[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.

DISCUSSION

Preconstruction surveys for least Bell's vireo were conducted during the 2024 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 June and July 2024 preconstruction surveys.

The lack of detection of any individuals during the seven 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 July 9, 2024.

Least Bell's vireo Designated Biologists will continue conducting biweekly surveys through September 1 and weekly surveys through the end of the 2024 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: July 24, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

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: Taylor Dee
Submitted Time: 06/04/2024 11:15 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	59°F	0-1 MPH	100 %
End of Day	11:00	77 °F	2-5 MPH	15 %

Date Observed
June 4, 2024

Observer Name
Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
n/a

Additional Notes

Incidental Species Observed
BUSH, CALT, SPTO, MODO, CAKI, EUST, ECDO, ACWO, HOFI, BHGR, CASJ, WREN, WTSP, CORA, BEWR, ATFL, CAQU, LEGO, ALHU, SOSP, YEWA, NRWS, red-crowned parrot, NOMO, BARS, AMGO, desert cottontail, HOWR, KILL, TRSW, AMCR, BGGN, California ground squirrel, NUWO, western toad, AMCO, MALL, ANHU, yellow-faced bumblebee, WEFL, Western fence lizard, CAGO, RUDU, COHU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/12/2024 10:40 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62°F	0-1 MPH	100 %
End of Day	11:00	70 °F	0-1 MPH	30 %

Date Observed
June 12, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
BHGR LEGO MODO NRWS CORA ALHU BASW DEJU RCPA OTI ACWO CAKI WTSW CAQU YEWA CLSW KILL CALT BEWR NUWO HOFI BUSH NOMO ANHU CANG BHCO BGGN CASJ WEFL SPTO OCWA AMCR BLPH MALL RUDU western toad Western fenced lizard California ground squirrel Tiger whiptail Desert cotton tail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 06/20/2024 9:37 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61°F	1-3 MPH	100 %
End of Day	10:45	68 °F	2-4 MPH	40 %

Date Observed
June 19, 2024

Observer Name
Other

Other Observers (if present):
Carla Marriner

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
CORA ANHU MODO NUWO BEWR CASJ SOSP BHGR LEGO Desert cottontail CA squirrel CATH CALT RTHA CAQU SPTO NOMO BUSH YEWA BGGN MALL CANG BLPH RTHA NRWS Western toads

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/27/2024 1:56 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63°F	0-1 MPH	0 %
End of Day	11:00	70 °F	0-2 MPH	0 %

Date Observed
June 27, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
N/A

Additional Notes

Incidental Species Observed
CAKI ACWO NOMO OATI HOFI SPTO CALT LEGO CASJ NRWS MODO EUST AMRO BEWR RCPA NUWO BHGR BGGN ALHU YEWA ANHU CAQU BUSH BLPH AMCR WEFL COHA WREN YBCH RSHA HOWR SAPH SOSP WTWS MALL KILL RTHA CANG RUDU GBHE BCNH CLSW BASW ATFL desert cotton tail California ground squirrel Western toad Side blotched lizard Coastal whiptail Western fenced lizard American bullfrog Swallow tail Cabbage white California sister Carpenter bee Bombus californicus

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 07/02/2024 10:00 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	56°F	0-1 MPH	100 %
End of Day	10:00	78 °F	0-2 MPH	0 %

Date Observed
July 2, 2024

Observer Name
Christine Tischer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
n/a

Additional Notes

Incidental Species Observed
Desert cottontail, MODO, parrots, WREN, HOFI, SOSP, SPTO, AMCR, NUWO, CAKI, BGGN, RTHA, coyote, BEWR, YEWA, western toad, CANG with 5 2-week old goslings and maybe10 older juvies walking around, MALL, CORA, BLPH, BUSH, NRWS, CAQU, eastern fox squirrel, CALT, ALHU, KILL, BLPH, RUDU, COHA 1 juvie by dam, AMRO, WTSW, OATI, CASJ, NOMO, ACWO, CATH, GTGR, COHA juvies heard in direction of COHA_01 nest, BHGR, PSFL, western fence lizard, PHAI, CA ground squirrel, RSHA 1 juvie by COHA_01, woodrat (middens), side-blotched lizard, DEJU, B.vos, B. cal, cabbage white, Lorquin's admiral, GREG, GBHE, mourning cloak, gray buckeye,

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 07/08/2024 12:18 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:12	66°F	0-2 MPH	0 %
End of Day	11:00	83 °F	3-8 MPH	0 %

Date Observed
July 8, 2024

Observer Name
Taylor Dee

Other Observers (if present):
n/a

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations
n/a

Additional Notes
11 yellow warblers and 2 coastal whiptails detected

Incidental Species Observed
MODO, AMCR, OATI, ACWO, BHGR, CASJ, CALT, ALHU, SPTO, CAQU, BUSH, BEWR, CATH, RSHA, LEGO, BGGN, ANHU, desert cottontail, HOFI, PHAI, CLSW, GBHE, NOMO, California ground squirrel, NUWO, CALT, WREN, RTHA, RCPA, western fence lizard, YEWA*, WEFL (PSFL), western toad, COHA, WWPE, WTSW, HUVI, WEBL, CAKI, BLPH, SOSP, NRWS, Western side-blotched lizard, coastal whiptail*, cabbage white, carpenter bee, western tiger swallowtail, TUVU, CORA, COYE, KILL, MALL, BARS, RUDU, American bullfrog, GREG

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer
Submitted Time: 07/09/2024 10:32 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:51	64°F	0-2 MPH	10 %
End of Day	10:25	81 °F	0-2 MPH	0 %

Date Observed
July 9, 2024

Observer Name
Shannan Shafer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

Locations

Additional Notes
NUWO, HOFI, SPTO, CASJ, BEWR, green parrot, MODO, CALT, ACWO, LEGO, eastern fox squirrel, coyote, ANHU, BUSH, desert cottontail, BGGB, ALHU, CORA, RTHA, western fence lizard, alligatpr lizard, cabbage white, CLSW, NRWS, California sister, California ground squirrel, common side- blotched, western toad, WREN, BLPH, YEWA, COYE, MALL, KILL

Incidental Species Observed

Scientific Name	Common Name
INSECTS	
Apidae	**Bees**
Bombus californicus	California bumble bee
Bombus vosnesenskii	yellow-faced bumble bee
Xylocopa sonorina	valley carpenter bee
Nymphalidae	**Brush-footed Butterflies**
Adelpha californica	California sister
Junonia grisea	gray buckeye
Limenitis lorquini	Lorquin's admiral butterfly
Nymphalis antiopa	mourning cloak
Papilionidae	**Swallowtail Butterflies**
Papilio rutulus	western tiger swallowtail
Pieridae	**Pierid Butterflies**
Pieris rapae	cabbage white butterfly
AMPHIBIANS	
Bufonidae	**True Toads**
Anaxyrus boreas halophilus	California toad
Ranidae	**True Frogs**
Lithobates catesbeianus	American bullfrog
REPTILES	
Phrynosomatidae	**Spiny Lizards**
Sceloporus occidentalis longipes	Great Basin fence lizard
Uta stansburiana elegans	western side-blotched lizard
Teiidae	**Whiptails and Racerunners**
*Aspidoscelis trigris stejnegeri***	coastal whiptail
BIRDS	
Accipitridae	**Hawks**
Accipiter cooperii	Cooper's hawk
Buteo jamaicensis	red-tailed hawk
Buteo lineatus	red-shouldered hawk
Aegithalidae	**Bushtits**
Psaltriparus minimus	bushtit
Anatidae	**Ducks, Geese and Swans**
Anas platyrhynchos	mallard
Branta canadensis	Canada goose
Oxyura jamaicensis	ruddy duck
Apodidae	**Swifts**
Aeronautes saxatalis	white-throated swift
Ardeidae	**Herons**
Ardea alba	great egret

Ardea herodias	great blue heron
Nycticorax nycticorax	black-capped night-heron
Cardinalidae	**Cardinals**
Pheucticus melanocephalus	black-headed grosbeak
Cathartidae	**New World Vultures**
Cathartes aura	turkey vulture
Charadriidae	**Plovers**
Charadrius vociferus	killdeer
Columbidae	**Pigeons and Doves**
*Streptopelia decaocto**	Eurasian collared-dove
Zenaida macroura	mourning dove
Corvidae	**Jays and Crows**
Aphelocoma californica	California scrub-jay
Corvus brachyrhynchos	American crow
Corvus corax	common raven
Fringillidae	**Finches**
Spinus tristis	American goldfinch
Haemorhous mexicanus	house finch
Spinus psaltria	lesser goldfinch
Hirudinidae	**Swallows**
Hirundo rustica	barn swallow
Petrochelidon pyrrhonota	cliff swallow
Stelgidopteryx serripennis	northern rough-winged swallow
Tachycineta bicolor	tree swallow
Icteridae	**New World Blackbirds**
*Icteria virens***	yellow-breasted chat
Molothrus ater	brown-headed cowbird
Quiscalus mexicanus	great-tailed grackle
Mimidae	**Mockingbirds and Thrashers**
Mimus polyglottos	northern mockingbird
Toxostoma redivivum	California thrasher
Odontophoridae	**Quails and Partridges**
Callipepla californica	California quail
Paridae	**Titmice**
Baeolophus inornatus	oak titmouse
Parulidae	**Wood-warblers**
Geothlypis trichas	common yellowthroat
Leiothlypis celata	orange-crowned warbler
*Setophaga petechia***	yellow warbler
Passerellidae	**Sparrows and Towhees**
Junco hyemalis	dark-eyed junco
Melospiza melodia	song sparrow
Melozone crissalis	California towhee
Pipilo maculatus	spotted towhee
Zonotrichia albicollis	white-throated sparrow
Picidae	**Woodpeckers**

Picoides nuttallii	Nuttall's woodpecker
Melanerpes formicivorus	acorn woodpecker
Polioptilidae	**Gnatcatchers**
Polioptila caerulea	blue-gray gnatcatcher
Psittacidae	**Old World Parrots**
Amazona viridigenalis	red-crowned parrot
Ptiliogonatidae	**Silky Flycatchers**
Phainopepla nitens	phainopepla
Rallidae	**Rails**
Fulica americana	American coot
Sturnidae	**Starlings**
*Sturnus vulgaris**	European starling
Sylviidae	**Sylviid Warblers**
Chamaea fasciata	wrentit
Trochilidae	**Hummingbirds**
Calypte anna	Anna's hummingbird
Calypte costae	Costa's hummingbird
Selasphorus sasin	Allen's hummingbird
Troglodytidae	**Wrens**
Thryomanes bewickii	Bewick's wren
Troglodytes aedon	house wren
Turdidae	**Thrushes**
Sialia mexicana	western bluebird
Turdus migratorius	American robin
Tyrannidae	**Tyrant Flycatchers**
Contopus sordidulus	western wood pewee
Empidonax difficilis	western flycatcher
Myiarchus cinerascens	ash-throated flycatcher
Sayornis nigricans	black phoebe
Sayornis saya	Say's phoebe
Tyrannus vociferans	Cassin's kingbird
Vireonidae	**Vireos**
Vireo huttoni	Hutton's vireo
MAMMALS	
Canidae	**Dogs, Wolves, and Foxes**
Canis latrans	coyote
Leporidae	**Hares and Rabbits**
Sylvilagus audubonii	desert cottontail
Sciuridae	**Squirrels**
Otospermophilus beecheyi	California ground squirrel
Sciurus niger	eastern fox squirrel

*Nonnative species

**CDFW Species of Special Concern/CDFW Fully Protected Species

APPENDIX B

Least Bell's Vireo Breeding Season Survey Reports – July through September 2024

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

August 29, 2024
(2023-005.07/006)

Mr. Allen Xie
Los Angeles County Public Works
Stormwater Engineering Division Via
Email: AXie@dpw.lacounty.gov

Subject: July 2024 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. Xie,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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;"

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."

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through the end of July 2024.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b 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 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 between July 15 and 31, 2024. 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
07/15/24	LS	0645	1059	67	85	5	0	0-1	0-1
07/19/24	CLT	0622	1058	63	88	0	0	0-1	3-5
07/22/24	LS	0615	1037	73	85	5	0	0-3	1-4
07/24/24	CM	0640	1025	72	87	30	0	1-3	1-3
07/29/24	SD	0655	1100	63	86	0	0	0-1	0-2

CLT= Christine Tischer, CM= Carla Marriner, LS= Lauren Simpson, SD = Shelby Dunn

On July 19, 2024, an individual least Bell's vireo was heard singing during the breeding season survey. The individual was heard in the riparian habitat along the DG-W-2 mining pit outlet onsite restoration area during the beginning of the survey. The least Bell's vireo appeared to be passing through the area as the vocalization was not heard again for the remainder of the survey. A CNDDB submission for this observation is provided in Attachment B.

On July 31, 2024, an individual least Bell's vireo was incidentally documented by the ECORP onsite restoration monitor. The least Bell's vireo was observed singing from a mulefat thicket within the onsite mitigation area. The individual was heard periodically for approximately 40 minutes but was not detected again for the rest of the day. A CNDDB submission for this observation is also provided in Attachment B.

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[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.

Brown-headed cowbirds were not observed during the July 2024 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell's vireo were conducted between July 15 and 31 2024. One least Bell's vireo was detected during the focused breeding season survey on July 19, 2024, and one least Bell's vireo was observed on July 31, 2024, while restoration monitoring was taking place. During both observations, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. 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 presence of vireos onsite for 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: DATE: August 29, 2024

Lauren Simpson
Senior Biologist
ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, CA 92705

Attachments:
Attachment A: Survey Datasheets
Attachment B: Least Bell's Vireo Observation CNDDB Submittals

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 07/15/2024 10:59 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	67°F	0-1 MPH	5 %
End of Day	10:59	85 °F	0-1 MPH	0 %

Date Observed
July 15, 2024

Observer Name
Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
0

Locations

Additional Notes

Incidental Species Observed
CALT, AMCR, CAQU, LEGO, CORA, SPTO, ANHU, BEWR, CASJ, HOFI, MODO, ACWO, BUSH, WREN, ALHU, NUWO, RTHA, NOMO, BLPH, CA ground squirrel, WEFL, SOSP, WTSW, COHA, SNEG, MALL, GBHE, CAKI, HOOR, OATI, AMRO, cottontail, CLSW, BARS, KILL, coastal whiptail, Western fence lizard, BGGN, BHGB, EUCD

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 07/19/2024 11:00 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:22	63°F	0-1 MPH	0 %
End of Day	10:58	88 °F	3-5 MPH	0 %

Date Observed
July 19, 2024

Observer Name
Christine Tischer

Other Observers (if present):

Were Least Bell's Vireo Observed
yes

Note:

Number of Brown Headed Cowbird Observations
0

Locations
N/A

Additional Notes
0650 possibly heard from distance tail end of 1 LBVI song at DG-4A but nothing further heard after doubling back to listen. Heard 2 LBVI songs to north at 0715 as I passed restoration crew weeding in DG-W-2 outlet, marked spot in Field Maps. Seemed to be passing through to north but nothing further heard and nothing heard at completion of survey when I returned to same area.

Incidental Species Observed
ACWO, MODO, HOFI, WREN, NUWO, BEWR, CALT, desert cottontail, SPTO, HOOR, CAQU, ANHU, BHGR, LEGO, SOSP, ALHU, BGGN, LBVI*, COHA (and juvie calls heard near mining pit), BUSH, DOWO, RSHA, western carpenter bee in Jimsonweed flower, B. vos on phacelia, YBCH*, CA ground squirrel, monarch, cabbage white, dead brown rat in middle of trail (no trauma noted), OATI, western tiger swallowtail, Lorquin's admiral, KILL, WTSW, checkered skipper, NRWS, CLSW, western fence lizard, GBHE, YEWA, checkered white, gulf fritillary, mourning cloak, huge yellow garden spider

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 07/22/2024 10:39 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	73°F	0-3 MPH	5 %
End of Day	10:37	85 °F	1-4 MPH	0 %

Date Observed
July 22, 2024

Observer Name
Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed
no

Note:

Number of Brown Headed Cowbird Observations
0

Locations

Additional Notes

Incidental Species Observed
Cora, CALT, CAQU, bewr, CASJ, SPTO, WREN, RTHA, NUWO, RCPA, ANHU, WEFL, BUSH, YEWA, ACWO, CAKI, COHA, western toad, MODO, EUCD, western fence lizard, SAPH, BLPH, CA ground squirrel, HOFI, Cottontail, AMRO, coastal whiptail, BARS, WTSW, TUVU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 07/24/2024 12:18 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	72°F	1-3 MPH	30 %
End of Day	10:25	87 °F	1-3 MPH	0 %

Date Observed
July 24, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
no

Note:

Number of Brown Headed Cowbird Observations
0

Locations
NA

Additional Notes

Incidental Species Observed
CALT BEWR SOSP MODO CATH SPTO CASJ MODO ALHU HOFI CAQU NOMO RCPA COHA RTHA ACWO HOWR BHGR WREN YEWA KILL BLPH BUSH NUWO HUVI OATI Western swallowtail Gulf fritillary Western fence lizard Cottontail California ground squirrel Coastal whiptail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 07/30/2024 6:11 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	63°F	0-1 MPH	0 %
End of Day	11:00	86 °F	0-2 MPH	%

Date Observed
July 29, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
no

Note:

Number of Brown Headed Cowbird Observations
0

Locations

Additional Notes

Incidental Species Observed
ACWO BUSH NUWO CALT OATI ANHU BEWR CASJ SPTO AMCR DOWO RCPA MODO CAQU BHGR LEGO HOFI SOSP BGGN HOWR NOMO WEBL BLPH ATFL CAKI HUVI YEWA WEFL KILL NRWS ALHU fenced lizard Side blotched lizard Coyote Coastal whiptail

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information

Phenology:

_____ % vegetative _____ % flowering _____ % fruiting

Animal Information

1 # 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)

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1038

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone

DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○

Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information

Phenology:

_____ % vegetative _____ % flowering _____ % fruiting

Animal Information

1 # 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)

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1038

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone

DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○

Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

September 29, 2024
(2023-005.07/006)

Mr. Allen Xie
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: AXie@dpw.lacounty.gov

Subject: **August 2024 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. Xie,

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 August 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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;"

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."

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through the end of August 2024.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b 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 standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.[2]

RESULTS

Nine focused breeding season surveys for least Bell's vireo were conducted in August 2024. 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
08/02/24	TD	0645	1100	72	91	10	10	0	0-1
08/06/24	SS	0620	1050	70	83	30	0	0-1	1-3
08/09/24	CM	0620	1000	68	76	20	10	1-3	1-3
08/12/24	JC	0700	0930	67	77	0	0	1-3	1-3
08/16/24	SS	0630	1058	66	82	5	0	1-3	3-5
08/19/24	SS	0630	1100	66	83	0	0	0-2	1-3
08/22/24	CM	0625	1015	62	76	20	20	0-2	1-3
08/27/24	SD	0640	1040	62	81	0	0	0-1	0-1
08/30/24	SD	0650	1045	59	70	0	0	0-1	0-1

TD = Taylor Dee, SS= Shannan Shaffer, CM= Carla Marriner, JC = Jill Coumoutso, SD = Shelby Dunn

No least Bell's vireos or brown-headed cowbirds were observed by Designated Biologists during the August 2024 breeding season surveys.

DISCUSSION

Nine focused breeding season surveys for least Bell's vireo were conducted in August 2024. No observations of least Bell's vireo were made during the focused breeding season surveys.

---

[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.

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 (619) 455-1134 or cgarcia@ecorpconsulting.com.

SIGNED: Caroline Garcia DATE: September 29, 2024

Caroline Garcia
Staff Biologist
ECORP Consulting, Inc.
111 Academy Way, Suite 210
Irvine, CA 92617

Attachments:
Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
ubmitted Time: 08/02/2024 11:00 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	72°F	0 MPH	10 %
End of Day	11:00	91 °F	0-1 MPH	10 %

Date Observed
August 2, 2024

Observer Name
Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations
n/a

Additional Notes
Bird activity low

Incidental Species Observed
NUWO, BEWR, HOFI, MODO, ACWO, WREN, CAQU, BUSH, AMCR, SPTO, CALT, desert cottontail, NRWS, CSJA, SOSP, OCWA, WIWA, ALHU, RCPA, YEWA, HUVI, California ground squirrel, WTSW, BGGN, KILL, EUST, GBHE, LEGO, BLPH, HOOR, CLSW, western fence lizard, Western tiger swallowtail, yellow bumblebee, CATH, coastal whiptail, Western side-blotched lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer
ubmitted Time: 08/06/2024 10:58 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	70°F	0-1 MPH	30 %
End of Day	10:50	83 °F	1-3 MPH	0 %

Date Observed
August 6, 2024

Observer Name
Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations

Locations

Additional Notes

Incidental Species Observed
ACWO, MODO, CALT, coyote, NUWO, CAQU, LEGO, HOFI, CASJ, CLSW, RCPA, SOSP, NRWS, KILL, drsert cottontail, western fence lizard, BLPH, common side-blotched lizard, BUSH, ANHU, CA ground squirrel, OATI, BGGN, CORA, RTHA, ALHU, CAKI, BEWR, COHA, WREN, western toad

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
ubmitted Time: 08/09/2024 11:01 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	68°F	1-3 MPH	20 %
End of Day	10:00	76 °F	1-3 MPH	10 %

Date Observed
August 9, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations
NA

Additional Notes

Incidental Species Observed
ACWO MODO ALHU BEWR BUSH CALT DEJU WREN CORA LEGO SOSP NUWO RCPA YEWA SPTO BLPH RTHA ALHU BHGR HOOR HOFI California ground squirrel Coastal whiptail cottontail Western fence lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
ubmitted Time: 08/13/2024 4:07 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	67°F	1-3 MPH	0 %
End of Day	09:30	77 °F	1-3 MPH	0 %

Date Observed
August 12, 2024

Observer Name
Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations

Locations

Additional Notes

Incidental Species Observed
CALT BUSH CASH MODO ANHU CAQU OCWA ACWO LEGO SPTO BEWR BLPH SOSP NUWO ALHU YWAR BGGN EUCD OATI COHA BHGR HOOR HOFI CATH CORA Western fence lizard Side botched lizard Desert cottontail California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer
ubmitted Time: 08/16/2024 10:59 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66°F	1-3 MPH	5 %
End of Day	10:58	82 °F	3-5 MPH	0 %

Date Observed
August 16, 2024

Observer Name
Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations

Locations

Additional Notes

Incidental Species Observed
CAQU, CASJ, coyote, MODO, ACWO, RCPA, ROPI, NUWO, LEGO, BLPH, desert cottontail, CALT, CORA, ANHU, CLSW, NRWS, KILL, HOFI, SAPH, Eastern fox squirrel, BUSH, western fence lizard, common side-blotched, ALHU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer
ubmitted Time: 08/19/2024 11:04 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66°F	0-2 MPH	0 %
End of Day	11:00	83 °F	1-3 MPH	0 %

Date Observed
August 19, 2024

Observer Name
Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations

Locations

Additional Notes

Incidental Species Observed
RCPA, CALT, BUSH, ACWO, MODO, CAQU, HOFI, SPTO, LEGO, BLPH, desert cottontail, CASJ, CORA, ANHU, BEWR, CAKI, BGGN, western fence lizard,l

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
ubmitted Time: 08/22/2024 12:32 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	62°F	0-2 MPH	20 %
End of Day	10:15	76 °F	1-3 MPH	20 %

Date Observed
August 22, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations
NA

Additional Notes

Incidental Species Observed
MODO CAQU NUWO BUSH ANHU CALT CASJ SPTO CATH BEWR LEGO NOMO RTHA CORA ALHU SOSP HOFI KILL ROPI BGGN CAKI RCPA Western fence lizard Desert Cottontail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
ubmitted Time: 08/27/2024 10:48 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	62°F	0-1 MPH	0 %
End of Day	10:40	81 °F	0-1 MPH	0 %

Date Observed
August 27, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations
N/A

Additional Notes

Incidental Species Observed
ACWO OATI CASJ MODO AMCR BEWR SOSP ANHU NUWO ALHU CALT BLPH CAQU BGGN RSHA HOFI WREN CATH HOOR SPTO NOMO KILL WTSW BARS MALL YEWA BUSH OCWA DEJU NAWA LEGO CAKI HOOR Side blotched lizard Tiger swallowtail Morning cloak

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
ubmitted Time: 08/30/2024 11:01 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	59°F	0-1 MPH	0 %
End of Day	10:45	70 °F	0-1 MPH	0 %

Date Observed
August 30, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations
N/A

Additional Notes

Incidental Species Observed
ACWO OATI CASJ MODO AMCR BEWR SOSP ANHU NUWO ALHU CALT CAQU BGGN RSHA HOFI WREN CATH HOOR SPTO KILL WTSW BARS MALL BUSH OCWA DEJU LEGO EUST RCPA HUVI Side blotched lizard Tiger swallowtail California ground squirrel

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

October 18, 2024
(2023-005.07/006)

Mr. Allen Xie
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: AXie@dpw.lacounty.gov

Subject: September 2024 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. Xie,

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 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' 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;"

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."

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through September 15, 2024.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b 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 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 2024. 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
09/4/24	SS	0630	1100	78	92	0	0	0-2	3-5
09/11/24	CM	0635	1020	60	74	20	0	0-2	1-3

SS= Shannan Shaffer, CM= Carla Marriner

No least Bell's vireos or brown-headed cowbirds were observed by Designated Biologists during the September 2024 breeding season surveys.

DISCUSSION

Two focused breeding season surveys for least Bell's vireo were conducted in September 2024. No observations of least Bell's vireo were made during the focused breeding season surveys. September 15, 2024 marked the end of the 2024 breeding season. No breeding least Bell's vireos were documented at the Project site during the 2024 season.

Weekly focused breeding season surveys for least Bell's vireo will resume in March 2025 to support ongoing habitat restoration activities occurring at the Project site.

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[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.

If you have any questions regarding the contents of this letter report, please contact me at (619) 455-1134 or cgarcia@ecorpconsulting.com.

SIGNED: Caroline Garcia DATE: October 18, 2024

Caroline Garcia
Staff Biologist
ECORP Consulting, Inc.
111 Academy Way, Suite 210
Irvine, CA 92617

Attachments:
Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shannan Shaffer
ubmitted Time: 09/04/2024 5:46 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	78°F	0-2 MPH	0 %
End of Day	11:00	92 °F	3-5 MPH	0 %

Date Observed
September 4, 2024

Observer Name
Shannan Shaffer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations

Locations

Additional Notes
Low bird activity

Incidental Species Observed
RCPA, CALT, ACWO, BUSH, NUWO, HOFI, LEGO, ANHU, BLPH, CAKI, western fence lizard, common side blotched, desert cottontail, CORA, CAQU, BEWR, CASJ

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
ubmitted Time: 09/11/2024 1:28 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	60°F	0-2 MPH	20 %
End of Day	10:20	74 °F	1-3 MPH	0 %

Date Observed
September 11, 2024

Observer Name
Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Brown Headed Cowbird Observations
0

Locations

Additional Notes
Bird activity was low during the survey.

Incidental Species Observed
BUSH CALT CASJ CORA ACWO HOFI LEGO BEWR MODO NOMO RTHA CAKI ANHU ALHU CAQU
California ground squirrel Cottontail Western fence lizard

APPENDIX C

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: A. Dorough
Company: ECORP
Date of Log: July 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	62 °F	0-3 MPH	0 %
End of Day	11:30	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Install of construction trailers

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
GBHE, RTHA, WTSW, HOSP, NRWS, RUDU, HOFI, BLPH, CALT, Desert cottontail, MALL, CANG, AMCR, KILL, Western toad, SAPH, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700 Met Lauren (ECORP) and Johnathan (Ames) on site and discussed the plan for the day. Clearance sweep of work area.
0800 Trailer delivery arrives. I escort the delivery and monitor the drop off
0900 One worker, Guillermo, begins installing the foundation and stairs of the trailer
1045 Guillermo done for the day, departs site. I perform a final sweep for nesting birds and other biological concerns. None observed.
1130 Depart site.

Additional Comments
No juvenile MALL or KILL observed during monitoring

Signature

photo_1-trailer_install_in_progress.jpg
-118.17391111111111 34.186575

photo_2-trailer_install_complete_for_day.jpg
-118.17350833333334 34.18653888888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: A. Dorough
Company: ECORP
Date of Log: July 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	61 °F	0-3 MPH	80 %
End of Day	12:15	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Installation of project trailers, examine erosion areas with Los Angeles County Department Public Works (LACDPW)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
MALL, GBHE, HOFI, NRWS, CLSW, California ground squirrel, CANG, BLPH, RTHA, RUDU, CORA, GREG, CAKI, NOMO, Desert cottontail, Western toad, Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0650 arrive on site, meet Guillermo. Clearance sweep of work area.
0700 three people from LACDPW arrive on site. They will be involved in ESA fence installation. I give them a WEAP. They depart site.
0740 observe one MALL duckling in reservoir with mom and other females
0840 a different group of people from LACDPW arrive on site.
0915 provide WEAP training to five additional LACDPW staff. They are here to inspect the Alta Dena drainage and other areas of erosion.
0930 I escort LACDPW crew to various viewpoints around the Alta Dena drain and the area of erosion that is north of Alta Dena drain.
1000 Guillermo done with trailer installation. He departs site.
1115 LACDPW crew done with their inspection. They depart site. I walk the bridge to scan the reservoir for nesting birds and other biological resources. None observed.
1215 depart site.

Additional Comments
N/A

Signature

photo_1-trailer_install_during.jpg
-118.17385833333334 34.186388888888885

photo_2-trailer_install_complete.jpg
-118.1832 34.184491666666666

photo_3-water_level_beginning_of_day.jpg
-118.17361111111111 34.18671388888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: July 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:20	95 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Site set up, moving equipment/materials, trenching
2. Dozer, mini excavator, telehandler lift
3. Ames

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, COYE, YEWA, CALT, SPTO, ALHU, SOSP, LEGO, CASJ, BLPH, MALL, BARS, CLSW, RAHA, CORA, MODO, CITE, BEWR, NUWO, HOFI, ACWO, TUVU, RCSP, Western toad, Coastal whiptail, California ground squirrel, Western fence lizard, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- on site
0645- Lauren gave WEAP to six Ames crew
0700- crew plans to get power and water hooked up to trailers located in staging area. D8 to be brought in through the north gate at some point. Begin surveying area surrounding staging area for nesting birds.
0730- crew on site connecting electrical for trailers.
0930- Lauren departs site. Crew connecting segments of temporary water pipe, dragging north along road connecting the two staging areas.
1015- D8 arrives at north gate.
1040- begin escorting D8 on dirt path along mitigation area. Moves down ramp on north side of Johnson field down into the basin
1115- dozer parked in north staging area.
1130- crew took lunch.
1200- return to work. Continuing to connect segments of pipe.
1215- crew trenching across road to bury water pipe on north side of north staging area.
1320- finish backfilling first section of trench.
1515- complete backfill of trench with buried water pipe.
1520- end work. Depart site

Additional Comments
N/A

Signature

photo_1-staging_materials_facingN.jpg
-118.17403066666667 34.18621104444444

photo_2-dozer_delivery_facingNE.jpg
-118.16753991944445 34.19846961111111

photo_3-burying_water_pipe_facingN.jpg
-118.17312034444446 34.18733314999999

photo_4-flood_basin_facingW.jpg
-118.17381536111111 34.18647465833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: July 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	68 °F	0-3 MPH	5 %
End of Day	15:00	92 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Installing water pipe
2. 1 dozer, 1 mini excavator, shovel
3. Ames

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, KILL, NOMO, ANHU, BLPH, RCPA, MALL, BARS, CORA, HOFI, Western toad, Tiger swallowtail, Carpenter bed, Western honey bee, CAQU, SPTO, California ground squirrel, CASJ, CALT, NRWS

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived onsite.
0630 attended crew tailboard meeting. Gave WEAP training to 1 new worker.
0700 surveyed work area.
0839 monitored mini excavator digging trench near restoration areas.
0959 crew breaks.
1015 forklift starts up to take pipes down to the area where they will be put together.
1030 mini excavator starts digging in basin.
1130 crew breaks for lunch.
1205 crew returns from lunch.
1416 dozer starts up to start backfilling trench in basin.
1444 dozers heads in for the day.
1500 left site

Additional Comments
N/A

Signature

MiniExcavator_digging_trench_facingE.jpg

Trench_in_basin_facingW.jpg

Dozer_backfill_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: July 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	67 °F	0-3 MPH	100 %
End of Day	15:00	85 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Sediment removal, Setting up work area
2. CAT-303 mini excavator, shovels, Forklift,
3. Ames, Manny (Foreman)

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:
California Bumble Bee, Western Honeybee, Dragonfly sp., Cloudless Sulphur, Cabbage White, Monarch, Red Admiral Western Toad, Coastal Whiptail, Common Side-blotch, Western Fence Lizard YEWA, CALT, CASJ, SPTO, KILL, WTSW, ANHU, CAQU, BUSH, AMRO, NRWS, MALL, BEWR, HOFI, AMCR, NUWO, RSHA, Amazonia sp., CLSW, LEGO, SOSP, SAPH, BHGR, GBHE, BARS, BLPH, CATH, CORA, RTHA, MODO, CAKI, OATI, Coyote, Domestic Horse, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600- Arrived on site.
0613- Heard YEWA vocalizing in the western portion of the Project Site.
0630- Attended tailboard meeting. Crew is expecting to get an excavator, container, and water tank today. They are also going to continue trenching from yesterday.
0700- Crew started work.
0727- Provided WEAP training to three new crew members.
0736- Water tank has arrived on site.
0902- Container arrived on site. The crew is still digging trench in the basin.
1000- Went to go escort excavator to parking spot.
1100- Finished escorting excavator back to the basin.
1130- Crew stopped for lunch.
1200- Crew resumed work after lunch.
1327- Crew is still working.
1500- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_working_2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: July 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	62 °F	0-3 MPH	20 %
End of Day	14:50	87 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Excavating, grading
2. D8 dozer, excavator, telehandler lift, pipe sealer
3. Ames

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:
BLPH BGHE KILL SOSP YEWA CALT LEGO SNEG SPTO BUSH CLSW ALHU RCPA BARS MALL RTHA RSHA coastal whiptail, western fence lizard, California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0605- On site
0630- Tailboard. Plan to clear ramps for water truck access and begin pushing material in basin.
0700- Finish WEAP for one crew member. Excavator moving in staging area, 24" pipe sealer being delivered in S staging area.
0730- Spraying down ramp in N staging area for dozer access to the basin.
0800- Complete survey of area where dozer will be running. No sensitive biological resources observed. Monitor construction of pad for water tower in S staging area.
0845- D8 moves into basin. Tracking over to S access ramp to begin clearing
0915- Dozer starts pushing dirt to stockpile for hauling at S end of basin.
1000- Gave a WEAP to one crew member.
1020- Spoke to Manny about grading access ramp and road across Alta dena drain channel. Allowed to work in ponded water. Not connected to any flowing channel. Will need to make road level to stream bed or install low flow channel.
1030- 24" pipe sealer tracked down to basin below N staging area, sections of pipe being fused.
1040- Monitor removal of old water hose in N staging area, connection located just inside restoration area.
1105- Lift placing pipe for low flow crossin below S access ramp.
1130- Crew lunch.
1200- Dozer resumes pushing material in S basin
1240- Spoke with superintendent. The dozer will continue stockpiling to dry out sediment. The dozer will not run in running water.
1310- Reshaping water tower pad with excavator.
1325- Water truck enters the basin.
1450- Equipment exiting basin.
1455- Depart site

Additional Comments
N/A

Signature

photo_1-water_tower_pad_construction_and_equipment_unload_facingS.jpg
-118.17352088888889 34.18673416666666

photo_2-dozer_grading_staging_area.jpg
-118.17369444444445 34.186534744444444

photo_3-dozer_push_in_basin_facingNW.jpg
-118.17423488055556 34.18630643333333

photo_4-low_flow_crossing_installation_facingNW.jpg
-118.17444023611111 34.185940563888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: July 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Ground-moving, grading, created pad for water tower, dug trench in staging area for water pipe
2. 1 forklift, 1 excavator, 1 water truck, 1 dozer, 1 grader
3. Ames crew

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

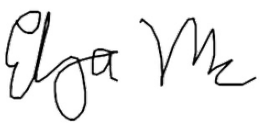
List of species observed while monitoring:
KILL RCPA YEWA BLPH CALT NRWS OATI AMCR BUSH MALL RSHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site.
0630 attended tailboard meeting.
0645 conducted pre-con sweep of work area. No nests or wildlife in the work area.
0650 forklift operator smoothing out staging area.
0700 dozer entered basin, started grading in southern portion of basin.
0750 met up with LACPW surveyors to discuss their work plan. They'll mostly be working in unvegetated areas. Returned to basin to monitor dozer, will keep an eye on where the surveyors are working.
0845 surveyor entered basin and started working at the toe of the southeast slope.
0900 grader smoothing out road across basin, followed by water truck.
0920 dozer went back to staging area, monitored trench excavation in staging area.
1130 crew finished refilling the trench.
1130-1200 lunch.
1200 monitored dozer and grader in south basin.
1500 crew finished work for the day. Left site.

Additional Comments
N/A

Signature



20240716_earthmoving_facingE.jpg
-118.17509780555557 34.186696125

20240716_gradingroad_facingW.jpg
-118.17491488888889 34.186784027777776

20240716_watertower_facingNW.jpg

20240716_southbasinEOD_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: July 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	65 °F	0-3 MPH	65 %
End of Day	15:15	89 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. ESA fencing installation, grading
2. 1 water truck, 1 dozer, 1 blade, 1 forklift, 1 excavator, handtools
3. Ames. (Manny foreman. Kevin project manager)

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, KILL, California ground squirrel, BUSH, CASJ, NOMO, BEWR, SPTO, HOFI, MALL, NRWS, ANHU, CORA, BLPH, COHA, RSHA, CANG, western road, rattlesnake sp., coastal whiptail, BGGN, side blotched lizard, ACWO, TUVU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0605 arrived onsite.
0630 attended crew tailboard meeting. Gave a WEAP training to three new members
0703 Manny (Ames) informs me ESA fencing will be starting to go up on the SW side of reservoir.
0721 ESA stakes start being put in.
0811 Connex is delivered to the west side of the reservoir
0927 talked with Kevin (Ames) about plans for starting road going towards the back of the reservoir. He wants the surveyors to put up the rest of the ESA limit stakes first. He asks about exclusion areas and ESA fencing around them.
0945 I talk with Lauren (ECORP) to determine where ESA fencing should be placed within exclusion areas.
0958 Lauren (ECORP) instructs me to pause areas around exclusion areas until firm decision is made.
1013 rock delivered begin, making piles in the western side of reservoir next to the connex
1020 Reminded Manny (Ames) about having to get dirt out of framing that accidentally fell in on Monday.
1038 excavator removes fallen dirt in drainage.
1051 Lauren (ECORP) notifies me of county decision of waiting on EMA areas and putting up ESA fencing elsewhere for today
1110 I notify Manny (Ames) of decision and show him where the EMA area on the west side of the reservoir ends and where he can start setting up the ESA fence
1130 crew breaks for lunch.
1200 crew returns
1230 two-man crew starts putting up ESA fencing on northern side of reservoir
1248 crew member, observes rattlesnake, heading into restoration area
1435 ESA fencing is done for the day. Crew will continue on tomorrow.
1442 machines start heading in for the day
1500 all machines return to staging area
1515 left site.

Additional Comments
N/A

Signature

Start_of_day_facingNW.jpg

Connex_delivery_facingN.jpg

ESA_fencing_stakes_facingS.jpg

End_of_day_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: July 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	68 °F	0-3 MPH	30 %
End of Day	15:00	87 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Grading, excavating
2. Excavator, dozer, telehandler lift
3. Ames, LACPW

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:
KILL RSHA SPTO CALT YEWA HOFI MODO BLPH SAPH COHA CLSW BARS CORA DEJU BUSH MALL BEWR COYE, coastal whiptail, western fence lizard, western toad, cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☑ Yes ☐ No
Dozer cut through flowing stream channel in southern basin. Work halted in the area, informed foreman and project manager

Log Entry
0705- on site. Dozer working in previously disturbed area in south end of basin. Crew in SW section setting up weigh station and tire wash.
0735- meet with Ames and LACPW about washed out slope in EMA on east side of basin.
0810- check on ESA dance installation in NW end of basin. Fence line partially staked out already. Will need it marked out to the south.
0850- finish one WEAP training for Ames foreman.
0945- county surveyors on site staking ESA fence limits and project boundary. Working from NE to SE.
1015- dozer observed working in flowing water in south basin. Water coming from Flint wash in SW corner. Informed foreman to have dozer move out of the area. Informed project manager of non-compliance.
1033- told foreman to keep equipment out of the area until furrher notice while proper parties are notified, and corrective actions decided upon.
1130- crew lunch
1200- resume work. Dozer working north of wetted areas. Continued setup of weight station. Survey crew continue to work south on the east side of the basin.
1350- excavator trenching to install tire wash station in SW corner.
1415- check ESA fence installation. Still working in NW corner. Will continue across to NE corner the following day
1450- equipment returning to staging area
1500- depart site

Additional Comments
N/A

Signature

photo_1-weigh_station_setup_facingN.jpg
-118.17672656944445 34.187598880555555

photo_2-dozer_stockpiling_facingW.jpg
-118.17379315277778 34.18669681944444

photo_3-washed_out_slope_in_EMA_facingE.jpg
-118.17339677777778 34.18831205555555

photo_4-altered_stream_channel_facingSSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: July 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:11	68 °F	0-3 MPH	5 %
End of Day	14:56	94 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Grading
2. D8, excavator, Blade
3. Manny (foreman)

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:
Dragonfly sp., Yellowjacket, Cabbage White, Cloudless Sulphur, Western Honeybee, Blue sp., Monarch, Mourning Cloak, Red Admiral, Swallowtail sp. Coastal Whiptail, Western Toad, KILL, YEWA, HOFI, RSHA, SPTO, WTSW, CASJ, BHGR, NUWO, OATI, SOSP, ALHU, Amazona sp., CORA, NRWS, SAPH, BEWR, CALT, CAQU, MALL, BLPH, ANHU, RTHA, BGGN, BUSH, ECDO, MODO, ATFL, AMCR, LEGO, WREN, NOMO California ground squirrel, Peromyscus sp., Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600- Arrived on site.
0623- Heard YEWA vocalizing from the western portion of the reservoir.
0630- Attended tailboard meeting.
0645- Crew started work. They are working on the EMA fencing and grading activities throughout the reservoir.
0930- Crew began blazing towards the northern end of the project site. Also monitored minor vegetation removal along the new road.
1100- Two new dump trucks arrived on site.
1130- Crew stopped for lunch.
1200- Crew resumed work after lunch.
1351- Crew is still working.
1456- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_starting_work.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: July 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	69 °F	0-3 MPH	15 %
End of Day	15:00	94 °F	7-9 MPH	1 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Piling dirt in the south basin and hauling dirt to the east side, mid-basin
2. 1 excavator, 1 dozer, 1 grader, 1 water truck, 2 haul trucks
3. Ames crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

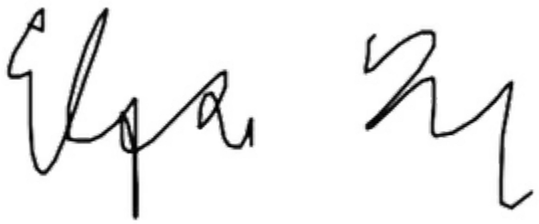
List of species observed while monitoring:
KILL, MALL, AMCR, RCPA, NRWS, GBHE, WREN, RSHA, BLPH, SPTO, CASJ Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Conducted pre-con sweep of staging area, no wildlife in the work area.
0630 attended tailboard meeting.
0645 provided WEAP training to 7 new crew members.
0700 monitored work in the basin.
1130-1200 lunch.
1200 continued monitoring work in the basin.
1330 checked EMA stakes, ensured no work had occurred within EMAs.
1400 checked progress of fencing crew - reached about mid-basin, started at the northern end this morning.
1500 crew finished work for the day. Left site.

Additional Comments
N/A

Signature



20240722_westsideworkarea_facingSW.jpg

20240722_loadinghaultruck_facingN.jpg

20240722_dumpingdirt_facingNE.jpg

20240722_workarea_end_of_day_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: July 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	70 °F	0-3 MPH	5 %
End of Day	15:06	92 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Piling dirt in south of basin, hauling dirt to east side and grading; fence installation
2. 2 haul trucks, 1 excavator, 1 dozer, 1 water truck, 1 mini-excavator, 1 grader
3. Ames crew

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:
KILL, BLPH, CALT, WREN, COYE, YEWA, NRWS, AMCR, RSHA side-blotched lizard, coastal whiptail, western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Conducted pre-con sweep.
0630 attended tailboard meeting.
0700 monitored grading, dirt hauling, and fence installation.
1100 confirmed with crew that fencing should go in front of exclusion areas, not behind.
1130-1200 lunch.
1200 talked with dozer operator about staying out of wet areas. Continued monitoring dirt hauling and fence installation in the basin.
1430 monitored while dozer cleared road from staging area into basin.
1500 crew finished work for the day. Left site.

Additional Comments
N/A

Signature

20240723_westsideworkarea_facingS.jpg

20240723_grading_facingNW.jpg

20240723_southworkarea_facingNE.jpg

20240723_accessroadwithpipe_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: July 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	70 °F	0-3 MPH	10 %
End of Day	15:01	94 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Moving wet sediment from southern end of reservoir to the north, install fencing around EMAs, digging low flow trench along a portion of the eastern EMA
2. 2 Excavators, 2 rock trucks, bull dozer, motor grader, water truck
3. Ames construction crew, foreman Kevin, project manager Johnathan

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, CASJ, BARS, KILL, BEWR, BLPH, ANHU, AMCR, SOSP, MALL, MODO, CALT, monarch, mosquitofish, western toad, western fence lizard, coastal whiptail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 Arrived on site. Heard a YEWA calling from tree canopy southwest of reservoir.
0630 Attended safety tailboard meeting. All members of the crew had already been WEAP trained.
0700 Work begins in the reservoir. A bulldozer works to build out a new road for trucks to drive down. Excavator loads two rock trucks full of sediment and rock trucks dump the sediment further up north.
0745 Two crew members work to put up orange fencing around EMA in the northwest portion of the basin.
1005 Dozer begins moving wet sediment through a wetted area of the reservoir but does not drive through the flowing water of Flint Wash.
1230 A second excavator enters the reservoir and begins digging out a low flow channel along the interior edge of the eastern EMA. The area was cleared beforehand by the biologist.
1340 Second excavator finishes for today but will continue digging out the low flow channel tomorrow.
1400 A rock truck dumps a load of material in front of the water tank in the staging area and the motor grader makes a pad for the water trucks to drive on.
1450 All equipment begins to drive out of the reservoir for the day.
1500 All equipment is out of the reservoir and biologist departs site.

Additional Comments
N/A

Signature

RoadCutForTrucks_before_facingW.jpg
-118.173658 34.18677177222222

RoadCut_during_facingSE.jpg
-118.17409831666667 34.18721294444444

ExcavatorLoadingSediment_facingW.jpg
-118.17409733333334 34.18720431111111

RoadCut_after_facingW.jpg
-118.17354973611111 34.18679541388889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: July 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:43	72 °F	0-3 MPH	0 %
End of Day	14:56	96 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Sediment removal and drying, ESA fence installation and installation of tire wash.
2. One D8T dozer, one 14M3 blade, two 730 haul trucks, two water trucks and one excavator.
3. Ames; approximately 15 workers including foreman Kevin.

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, MALL, KILL, California toad, western fence lizard, CORA, CASJ

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0543: Arrived on site at staging area.
0600: Spoke to Kevin (Ames; foreman) who stated he'd be the point of contact not Manny.
0600-0630: Swept the access road to the basin and primarily near the dam.
0630-0650: Attended tailboard near project trailers. Gave a WEAP training to two new workers.
0700: Crew began mobilizing equipment to basin.
0732-0930: Monitored earth work. Switched between monitoring the D8T dozer and 14M3 blade.
0930-1030: Informed Kevin that the ESA fencing on the east side isn't placed correctly. The fence is placed outside the side slopes rather than the EMA area.
Informed the ESA fence laborers of the issue. Showed one laborer where the fence should be placed and pointed out the stakes that have "ESA Fence Limit" on them. Informed dozer operator in the area of fence discrepancy and clarified his actual boundary. Flagged off the created access road so construction personnel wouldn't use it. Informed Kevin of the flagging and asked to relay the information to his crew.
1030-1100: Showed Kevin and both laborers where the fence should be. Kevin stated they had other items to handle but they'd finish it after lunch.
1130: Lunch.
1150: Return from lunch.
1200-1330: Continued to monitor earth work. Switched between the D8T dozer and 14M3 blade.
1356: Departed the site.

Additional Comments
N/A

Signature

D8T_dozer_moving_sediement.jpg

Flagged_off_road_within_EMA.jpg

Blade_working_within_basin.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: A. Dorough
Company: ECORP
Date of Log: July 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	0 %
End of Day	15:00	92 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Road cutting/forming, sediment transport, fence repair, getting basin to grade

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, swallow sp., desert cottontail, AMCR, parrot sp., side-blotched lizard, coastal whiptail, CALT, COHA, NOMO, CASJ, hummingbird sp., RTHA, LEGO, MALL, California ground squirrel, western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrive on site, clearance sweep of access roads
0630 tailboard. Remind crew to stay within ESA fence and to call me for any vegetation disturbance. Potentially some new workers coming next week, that will need WEAP.
0655 Equipment mobilizing to basin
0700 continue sweeping around perimeter of basin. Dump trucks, excavators, dozer, forklift, and road cutting equipment working in basin.
1025 clearance sweep of some veg where sediment will be deposited. Monitor work around vegetation.
1130 lunch
1200 crew continues
1430 check fence for repairs. Repairs have been made.
1445 crew packing it in for the day
1500 depart site

Additional Comments
N/A

Signature

photo_1-sediment_transport_activities.jpg
-118.16984722222223 34.19177777777777

photo_2-activities_in_the_basin.jpg
-118.1708 34.1941

photo_3-repaired_fence_area.jpg
-118.17305277777778 34.18982222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: July 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:44	68 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Two excavators onsite, one was digging at north end of site, one was creating drainage trenches, near ramps at SW and SE corners. Grader onsite smoothing SW ramp entrance, two water trunks onsite, two dumptrucks piling material mid site from north dig area. One telehandler adding rocky gravel to weigh station area.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

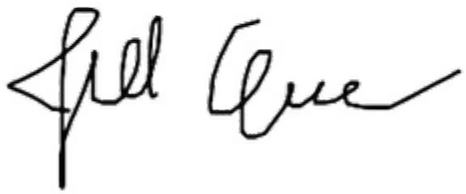
List of species observed while monitoring:
CORA, CALT, SPTO, NOMO, BUSH, KILL, CAQU, CASJ, HOFI, BEWR, WREN, RSHA, California ground squirrel, Desert cottontail, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Atteneded tailboard meeting. Monitored digging drainage ditch near ESA fencing to connect new drainage ditch to old drainage ditch.

Additional Comments
N/A

Signature



Grading_west_ramp_faceSW.jpg
-118.17624597222223 34.18794773055555

Excavator_digging_drainage_trench_faceS.jpg
-118.17389746388889 34.187810049999996

Evxcavator_load_dumptrunk_faceW.jpg
-118.17110999166667 34.19335777777778

Installing_drainage_pipe_faceSE.jpg
-118.17415041666668 34.18716109444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: July 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	60 °F	0-3 MPH	0 %
End of Day	14:47	87 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Grading
2. Water truck, two loaders, Blade, Excavator, forklift, dozer
3. Manny (foreman)

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 Honeybee, Grasshopper sp., Carpenter Bee, Dragonfly sp., Yellowjacket, Mud Dauber, Swallowtail sp., Red Admiral, Cabbage White, Funeral Duskywing, Lady sp. BEWR, CORA, AMCR, Amazona sp., CASJ, KILL, BUSH, CALT, NUWO, BLPH, NRWS, YEWA, SPTO, RSHA, WREN, HOFI, MODO, CAQU, SOSP, NOMO, ACWO, BARS, OATI, LEGO, BHGR, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600- Arrived on site.
0630- Attended tailboard meeting.
0651- Heard a YEWA vocalizing near the western portion of the reservoir near the ramp.
0705- Crew started work. They are working on the weight station and in the northern portion of the project site removing sediment.
0917- Heard different YEWA vocalizing in the northeastern portion outside the project boundary.
1028- Crew is still working. Bulldozers are making piles moving towards the northern end of the project by the dump trucks and excavator.
1130- Crew stopped for lunch. Operators were still working.
1200- Crew that took lunch resumed work.
1320- Crew is still working.
1445- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: July 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	59 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator at North end digging sediment, grader at North end grading roads. Sediment is being compiled mid site. Second excavator working near ramp on south east corner near ramp below water tank, finishing up work on the drainage, trench. Drainage pipe that was installed yesterday was backfilled today under the road. Rocks/gravel being spread across weight station area.
On site: Two excavators, two dump trucks, two water trucks, bulldozer, telehandler, grader

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

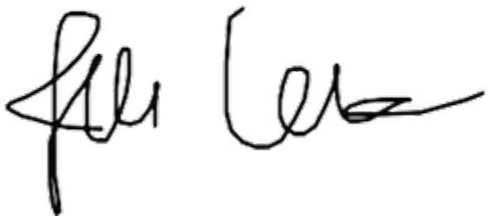
List of species observed while monitoring:
RTHA, CORA, BLPH, CALT, HOFI, ACWO, NUWO, CAQU, WREN, ANHU, BGGN, CASJ, BUSH, Red-crowned Parrot, Desert cottontail, California ground squirrel, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0730 conducted WEAP training for one person
1330 Kevin asked me if they could run rubber tubing from water tank area up the east side ramp along the bottom of the hill to a hydrant at the top dirt hiking trail since the water tank is running dry at end of day. There are no biological concerns as long as they stay out of the restoration area. I told them they still need approval by the county, but that there were no biological issues with it. Piping will be buried across hiking trail to avoid trips/falls.

Additional Comments
N/A

Signature



Dumptrunk_dump_sediment_bulldozer_compile_sediment_faceW.jpg
-118.17404175 34.18817415833333

Excavator_load_sediment_onto_dumptruck_faceSW.jpg
-118.17129611111112 34.193333055555556

Backfilling_over_drainage_pipe_faceSE.jpg
-118.17409591666667 34.18733065555555

Grading_access_road_faceW.jpg
-118.171551675 34.19288076666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	61 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Remove sandy soil from below eroded area. Truck in proper sediment to fill in eroded hillside. Digging in north end of site Compile sediment mid site Grade roads for truck access
Equipment on site: two excavators, two water trucks, one bulldozer, one grader, one telehandler

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

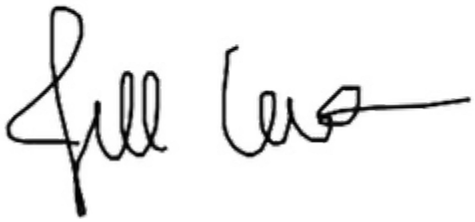
List of species observed while monitoring:
CORA, BARS, CASJ, CAQU, HOFI, CALT, GREG, BEWR, WREN, Coyote, Side-blotched lizard, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700-1530 monitored hillside erosion repair-sediment fill of large eroded hole.

Additional Comments
N/A

Signature



Remove_sand_sediment_below_erosian_area_faceNW.jpg
-118.17325286111111 34.188231797222215

Sand_removal_below_erosion_area_faceNW.jpg
-118.17329233333334 34.18821517222222

Deposit_sediment_for_erosion_backfill_FaceNW.jpg
-118.17330282222223 34.18817428888889

Filling_erosion_with_sediment_faceNW.jpg
-118.17326695277778 34.18816162222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:12	71 °F	0-3 MPH	1 %
End of Day	14:50	95 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Grading
2. Blade, D8 bulldozer, excavator, Dump truck, forklift, and roller
3. Kevin (foreman)

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:
Carpenter Bee, Dragonfly sp., Vanessa sp., Swallowtail sp., Red Admiral, Mud Dauber Western Toad, Side-Blotched Lizard CALT, SPTO, KILL, BLPH, BARS, OATI, BEWR, CASJ, WREN, ACWO, WTSW, AMCR, Amazona sp., GREG, BUSH, NUWO, SOSP, CAQU, GBHE, ALHU, NRWS, HOFI, LEGO, Mitred Parakeet, RSHA, YEWA Coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600- Arrived on site.
0619- Heard YEWA vocalizing in northeast of the project area.
0730- Attended tailboard meeting.
0640- Crew started work. They are working on fencing and will have a dozer in the southern end and an excavator in the north end. Additionally, they will be workin on installing a water line going up the eastern ramp.
0840- Crew is still working.
1000- Crew is still working. 1
130- Crew stopped for lunch.
1207- Crew resumed work after lunch. They are still building berms towards the southern end and removing sediment in the norhtern end. The ground crew is still working on installing the water line going up the eastern ramp.
1400- Crew is still working. They currently have stopped work in the northern portion and are still working near the southern portion of the Project area and are working on the water line.
1450- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	5 %
End of Day	15:00	99 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator digging on north end, bulldozer compiling sediment for pick up tomorrow, grader making roads more accessible for dump trucks. Two water trucks also onsite

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, MODO, CORA, KILL, BEWR, BLPH, CALT, HOFI, CASJ, BARS, Desert cottontail, California grand squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Walk site to check for wildlife, monitored activities throughout the day.

Additional Comments
N/A

Signature

Excavator_dig_north_end_facingNW.jpg
-118.17143366666667 34.19278669444444

Bulldozer_Compile_sediment_facingW.jpg
-118.17626369444444 34.18818534444444

Grading_roads_for_truck_access_facingNE.jpg
-118.175189 34.18812011111111

Intall_water_pipe_for_tank_facingE.jpg
-118.17372730555556 34.18647064722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: August 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	66 °F	0-3 MPH	10 %
End of Day	16:00	95 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Hauling, grading
2. 2 excavators, 2 dozers, blade, backhoe, 25 haul trucks, 2 water trucks
3. Ames, 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:
KILL, BARS, BLPH, HOFI, CALT, BEWR, ANHU, MALL, COHA, BUSH, ACWO, CORA, Coyote, cottontail, coastal whiptail,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0610- on site
0630- tailgate. First wave of trucks arriving at 0700. Picking up in south side of basin.
0700- complete survey of haul roads. Roads clear of wildlife. Trucks arrive, weigh in at scales and move to begin hauling from south basin stockpile. Dozer moving to far north end of basin for grading/stockpiling.
0710- County on site
0732- blade working in staging area to clear mud/standing water
0825- survey project boundaries inside basin. Dozer at north end grading/stockpiling.
0830- spoke to Kevin (foreman, Ames) regarding them working in the east ESA without a biologist present. Plan to trench with excavator to place low flow pipe along the edge of the basin
0910- monitor removal of ESA fence and excavating
1125- complete check of haul roads.
1130- part of crew takes lunch. Haul Trucks still running
1200- resume work. Continue monitoring excavator working in ESA.
1430- excavator finished for the day in the ESA. Haul routine still active, dozer still grading/stockpiling in the north
1506- final haul trucks leave the basin. Dozer, blade, and excavator stockpiling material to be hauled out tomorrow
1545- equipment returning to staging area
1600- depart site

Additional Comments
N/A

Signature

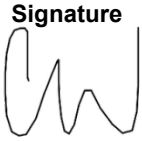


photo_1-haul_truck_weigh_in_and_loading_facingNW.jpg

photo_2-surveying_ESA_for_low_flow_facingNE.jpg

photo_3-excavating_in_west_ESA_facingNE.jpg

photo_4-end_of_trenching_in_ESA_facingSSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	67 °F	0-3 MPH	0 %
End of Day	15:15	88 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Trench work done by excavator on East side in ESA area. After trench work was done, this excavator filled dump trucks with sediment for hauling offsite. Second excavator working south end filling trucks eith sediment. Grader was grading roads for easy access skid steer was compiling sediment. Two water trucks onsite and many dumptrucks hauling out 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:
KILL, CORA, ACWO, BEWR, CALT, HOFI, CASJ, BLPH, DCCO, BUSH, Coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700-1030 Monitor trench work on the east side of the ESA area. New trench was connected to old trench Rest of day was spent monitoring excavators and dump trucks and keeping an eye out for wildlife

Additional Comments
N/A

Signature

Fill_dumptrucks_with_sediment_faceW.jpg
-118.17371763888889 34.18661745833333

Trench_work_in_ESA_area_faceW.jpg
-118.17273829166668 34.18997955555555

Grading_road_faceW.jpg
-118.17278070277779 34.18997640833333

Compile_sediment_for_hauling_FaceNW.jpg
-118.17267295833334 34.18993613888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	63 °F	0-3 MPH	20 %
End of Day	15:59	86 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Hauling dirt off site from southern and mid-eastern areas of the basin. Dozers piling dirt.
2. 2 excavators, 1 grader, 2 dozers, ~10 haul trucks
3. Ames crew, boring crew of 4, haul truck drivers

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, WREN, RCPA, KILL, MALL, CASJ, RTHA, side-blotched lizard, western tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Conducted pre-con sweep of the work area. No wildlife observed in the work area.
0630 attended tailboard meeting. Ames foreman told me that the laborers start at 0600 and the operators start at 0700. He said they're done digging the east side low flow channel and won't dig the west side today, maybe tomorrow - will communicate with bio. The dirt pile at the north end of the east exclusion area will be removed today.
0700 haul trucks entering on southeast ramp, exiting on southwest ramp - do not walk on these ramps. Crew working on low flow basin, north side of east exclusion area, and loading dirt pile into haul trucks. Personal vehicle (member of the public) stuck in the north basin. Foreman working with them to get the car moved/unstuck.
0800 provided WEAP training to three new crew members (boring crew).
0830 police on site to assist with removal of personal vehicle from north basin.
0900 personal vehicle successfully towed out of the basin.
1130-1200 lunch
1200 crew continued loading dirt into haul trucks in the south basin.
1400 monitored dozer a couple hundred feet north of Flint Wash. Advised operator to stay out of pools of water.
1500 haul trucks finished for the day.
1545 dozers and grader heading to staging area.
1600 left site.

Additional Comments
N/A

Signature

Northeast-exclusion-area_facingN.jpg

Piling-dirt-south-basin_facingN.jpg

East-low-flow-basin_facingN.jpg

Piling-dirt-south-basin2_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:58	63 °F	0-3 MPH	0 %
End of Day	15:44	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Sediment removal
2. 2 bulldozers (D8), 2 Excavators, haul trucks, blade, 2 water trucks, forklift
3. Kevin (foreman)

Did you observe any special-status species? ☑ Yes ☐ No
YEWA

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Carpenter Bee, Western Yellowjacket, Dragonfly sp., Swallowtail sp., Cabbage White, Painted Lady, Sulphur sp., Red Admiral AMCR, KILL, BEWR, YEWA, WREN, BUSH, BARS, RSHA, MALL, CASJ, CALT, BLPH, AMRO, MODO, NUWO, RTHA, NUWO California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0545- Arrived on site.
0600- Heard YEWA vocalizing towards the western ramp. Ground imcew postponed tailboard meeting until 0630. But are starting work.
0630- Attended tailboard meeting.
0700- Crew started work. They are hauling sediment today and may continue to work on the emergency slope work from the previous day in the northern portion of the Project area within the ESA boundary.
0900- Crew is still working. Dozer went over to ESA fencing area to assist with work.
0928- Water truck (white) has had its back up alarm fixed after previous noise complaint.
1100- Crew is still working.
1300- Took a lunch break. Some crew members already took lunch at around 1130. Equipment operators were still working. They are finishing up the EMA fencing on the north eastern portion of the Project site and will start working on the north western EMA.
1430- Crew began to work in the north western EMA.
1526- Crew finished working in EMA boundary for the day. Rest of crew is still working.
1541- Crew is finishing up for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working_in_ESA_fencing_area.jpg

Crew_finishing_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	66 °F	0-3 MPH	10 %
End of Day	15:34	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Piling dirt, hauling dirt out of basin
2. Two dozers, excavator, two water trucks, 35 haul trucks
3. Ames crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

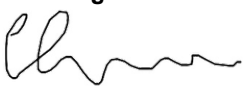
List of species observed while monitoring:
ANHU CALT KILL MALL RCPA BLPH CASJ WREN
California ground squirrel
side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 conducted precon sweep of work area.
0630 attended tailboard meeting.
0645 checked fencing near the low flow basin. Fencing replaced on east side, fencing temporarily removed on northwest side.
0715 monitored dirt piling and hauling in south basin. Discussed work plan with dozer operator, Victor. He'll continue to stay out of wet areas.
0930 Victor finished with dirt pile, headed to north basin to assist another dozer operator, Santiago. Monitored dozer work. Informed foreman, Kevin, of breaks in the fence that need to be repaired.
1130-1200 lunch
1200 monitored dozers in the back. Checked on dirt hauling periodically.
1500 hauling done for the day.
1530 the rest of the crew finished for the day. Left site.

Additional Comments
N/A

Signature



20240812_compacting_dirt_facingN.jpg

20240812_loading_dirt_facingN.jpg

20240812_mounding_dirt_facingNW.jpg

20240812_north_basin_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	64 °F	0-3 MPH	0 %
End of Day	15:20	920 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator filling trucks with sediment for haul out south end of basin, second excavator working on low flow basin western side. Grader smoothing out roads, two bulldozers compiling sediment, two water trucks on site. Dump trucks hauling sediment out

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

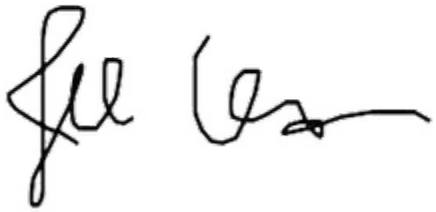
List of species observed while monitoring:
BUSH BEWR KILL AMCR COHA CAQU CALT ALHU ANHU Red-crowned parrots
Western fence lizard
Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
7:30-2:30 Monitored low flow basin digging on west side with a few breaks to walk site to check on other work and check for wildlife or other issues

Additional Comments
N/A

Signature



Digging_low_flow_basin_Wside_facingS.jpg
-118.17372869444445 34.19088534722222

Bulldozer_compile_sediment_facingW.jpg
-118.17351691666667 34.18889327777777

Excavator_filling_dumptrucks_facingN.jpg
-118.17389216666668 34.18794840833333

Ecavator_dig_low_flow_basin_facingN.jpg
-118.17493473611111 34.18989698333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	63 °F	0-3 MPH	50 %
End of Day	15:52	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Piling dirt, hauling dirt off site, constructing west low flow basin, grading
2. Two excavators, two dozers, grader, 35 haul trucks, two water trucks
3. Ames 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:
CORA RCPA ANHU MODO NRWS CASJ RSHA side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Conducted precon sweep in work area. No wildlife in the work area.
0630 attended tailboard meeting. Provided WEAP training to one new crew member.
0645 headed to west low flow basin to check progress from yesterday and flag willows.
0700 vehicles started entering the basin.
0715 large excavator started working on the low flow basin. Monitored work.
0920 excavator operator finished working on low flow basin.
0945 checked vegetation for wildlife in the northern section of the basin. Cleared dozer to continue working in this area and monitored work.
1000 water flowing into the site at the northeast project boundary. Contacted PM for guidance. Advised crew not to work in this area until guidance from the county is received. Continued monitoring dozers in the north basin.
1045 received guidance from the county. Informed the foreman that the crew needs to wait to fill that area until the water infiltrates into the ground.
1130-1200 lunch
1200 continued monitoring vegetation removal/burial in north basin.
1430 dozers started heading back to the staging area. Monitored hauling mid-basin.
1500 hauling done for the day. Monitored dozer piling dirt mid-basin.
1545 dozer finished work for the day. Headed back to staging area. Left site.

Additional Comments
N/A

Signature

20240814_low_flow_basin1_facingSW.jpg

20240814_low_flow_basin_after_facingSW.jpg

20240814_dirt_hauling_facingS.jpg

20240814_pooling_water_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: August 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	67 °F	0-3 MPH	0 %
End of Day	15:50	94 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Loading sediment into haul trucks to haul off site
2. One excavators, eight haul trucks, two bulldozers, motor grader, two water truck
3. Ames construction crew, foreman Kevin

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:
KILL, LEGO, BEWR, YEWA, CASJ, ANHU, AMCR, SOSP, MODO, CALT, COHA, common side-blotch lizard, western fence lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0545 Arrived on site.
0600 Attended first safety tailboard meeting.
0630 Attended second safety tailboard meeting for equipment operators. WEAP trained one worker.
0655 Heard a YEWA calling from trees on southwest end of reservoir, approximate location marked in field maps.
0702 Heavy equipment begins to enter into the reservoir (One excavator and eight haul trucks, two dozers, one motor grader).
0710 Excavator begins loading haul trucks with sediment to be hauled off site.
0850 A laborer works to remove a section of orange ESA fence along the east side to allow for work on the adjacent slope.
1030 Dozer begins pushing sediment up the slope on the east side to repair erosion where the perimeter fence was taken down.
1045 Laborer works to put up a section of ESA fence along west side that was previously taken down. Biologist ensured the fencing was placed at project boundaries.
1455 The last haul truck departs. Hauling sediment is complete for the day.
1500 Excavator and bulldozer continue work, building up sediment pads to work from tomorrow.
1525 Erosion repair on eastern slope is complete for the day. The task is 90% complete and will be finished tomorrow
1545 All equipment is out of the reservoir.
1550 Depart site

Additional Comments
N/A

Signature

ExcavatorLoadingHaulTruckWithSediment.JPG
-118.173775 34.190641666666664

DozerFillingErodedSlope.JPG
-118.17282222222222 34.190891666666666

Replaced_ESA_Fencing_WestSide.JPG
-118.17376944444445 34.19062222222222

ErosionRepairMostlyComplete.JPG
-118.17289166666667 34.19085

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:45	64 °F	0-3 MPH	0 %
End of Day	15:24	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Erosion maintence, hauling sediment
2. 2 dozers, 1 excavator, 1 blade, 39 haul trucks, 2 water trucks
3. Ames (Kevin 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:
Coyote, CASJ, CORA, COHA, BEWR, AMCR, ALHU, SOSP, HOFI, NUWO, side blotched lizard, California ground squirrel, MODO, Western fence lizard, CALT

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0545 arrived onsite.
0600 Kevin (Ames foreman) says crew tailboard is at 0630 and that he just has water trucks running.
0630 attended crew tailboard meeting. Kevin says they will be finishing up erosion control on east side and put the ESA fence back up.
0640 surveyed EMA where erosion control is to take place.
0700 haul trucks arrive, machines head down into reservoir.
0842 small areas in ESA fence are patched up.
1059 erosion control complete on east side slope.
1135 ESA stakes are being re-installed.
1321 ESA fencing starts being put up on stakes.
1500 dozers are down for the day.
1518 all machines start heading in. Talk to Kevin about plan for Monday.
1525 left site

Additional Comments
N/A

Signature

Excavator_facingSW.jpg

Erosion_control_facingNW.jpg

ESA_fencing_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:06	66 °F	0-3 MPH	0 %
End of Day	15:08	92 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Sediment removal
2. Bulldozer (D8 and D6), excavators, dump trucks, water trucks, blade
3. Kevin (foreman)

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:
Dragonfly sp., Western Honeybee, Western Yellowjacket, Swallowtail sp., Flame Skimmer, Funeral Duskywing, Red Admiral, Vanessa sp., Mud Dauber, Western Toad, BEWR, RSHA, CASJ, AMCR, CALT, BUSH, KILL, ALHU, LEGO, NUWO, ACWO, BARS, BLPH, MALL, YEWA, NRWS, Amazona sp., SOSP, CORA, BEKI, DEJU, WTSW Coyote, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0550- Arrived on site.
0600- Ground crew began to set up work area for the day.
0630- Attended tailboard meeting. They are planning on starting off where they left off on Friday. They are going to use a small dozer in the southern portion of the Project site and are working on making piles in the northern portion.
0652- Heard YEWA singing southwest of the project site.
0700- Crew started work.
0900- Crew is still working.
0910- Ground crew finished repairing ESA fencing line.
1056- Relocated one western toad.
1130- Crew stopped for lunch.
1200- Crew resumed work after lunch.
1400- Crew is still working.
1446- Crew is starting to wrap up work. Dozers went in to park.
1510- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_working.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	0 %
End of Day	15:27	98 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Hauling dirt from mid-basin, piling dirt in south basin
2. 1 dozer, 1 grader, 2 water trucks, 1 excavator, ~40 haul trucks
3. Ames 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:
CORA, RCPA, WREN, SOSP, CALT, RSHA, BUSH, CASJ, California ground squirrel, side-blotched lizard, western fence lizard, western tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600: Conducted pre-construction sweep of staging area. No wildlife in the work area.
0630: Attended tailboard meeting for vehicle operators.
0700: Monitored dozer piling dirt in souther basin.
0715: Monitored dirt hauling in north basin.
1130-1200: Lunch.
1200: Monitored dirt piling and hauling.
1500: Hauling done for the day.
1515: Dozer headed to staging area.
1530: Left site.

Additional Comments
N/A

Signature

20240820_loadingtruck_facingW.jpg

20240820_pilingdirt_facingN.jpg

20240820_workarea1_facingW.jpg

20240820_hauling_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	66 °F	0-3 MPH	0 %
End of Day	15:20	95 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator doing sediment removal all day and loading 36 dumptrucks in mid section and then moving further north to dig. Bulldozer compile sediment for removal. Grader made roads more accessible. One water truck and one skid steer also onsite

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, MODO, CORA, ANHU, BLPH, GBHE, BUSH, CALT, SOSP, MALL, CASJ, HOFI, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Monitored sediment remoaval all day. Walked and drove site throughout the day to look for wildlife that might need relocation or non-complience issues.

Additional Comments
N/A

Signature

Excavator_filling_dumptruck_with_sediment_facingN.jpg
-118.17292020555556 34.191040916666665

Dumptrucks_lined_up_for_excavator_facingN.jpg
-118.17312038888889 34.190611749999995

Bulldozer_moving_sediment_facing_north.jpg
-118.17385852777778 34.18934064722222

Skid_steer_compile_sediment_face_N.jpg
-118.17292722222223 34.19165340555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: August 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	62 °F	0-3 MPH	0 %
End of Day	15:15	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Loading sediment into haul trucks to haul off site
2. 1 Excavators, >10 haul trucks, 1 bulldozer, 1 motor grader, 2 water trucks
3. Ames construction crew, foreman Kevin

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, AMCR, CASJ, BLPH, LEGO, BEWR, ANHU, SOSP, MODO, CALT, COHA, MALL, HOOR, CORA, TUVU, green parrot sp., common side-blotch lizard, western fence lizard, California ground squirrel, desert cottontail

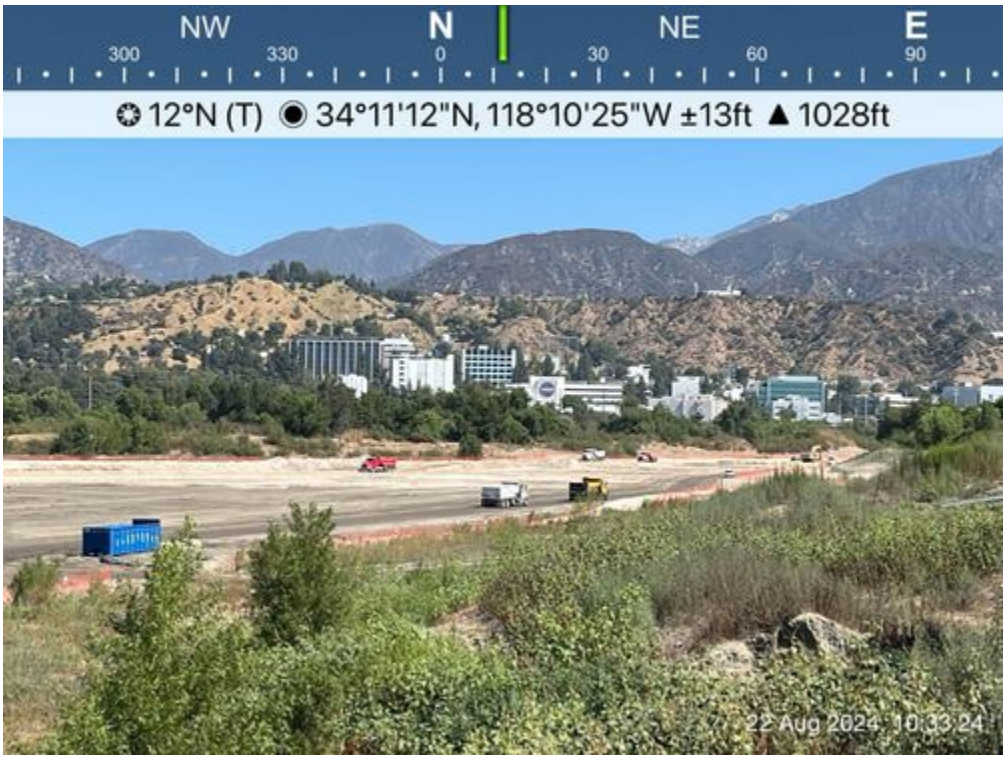
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0545: Arrived on site.
0630: Attended safety tailboard meeting for equipment operators. All workers onsite had been WEAP trained.
0700: Heavy equipment begins to enter into the reservoir (1 excavator and 10 haul trucks, 1 bull dozer, 1 motor grader).
0710: Excavator begins loading haul trucks with sediment to be hauled off site. Excavator is working in the middle section of the reservoir.
1500: The last haul truck departs. Hauling sediment is complete for the day.
1507: All equipment is out of the reservoir.
1520: Depart site

Additional Comments
N/A

Signature

DozerPushingSediment_facingWNW.JPG
-118.1719638888889 34.19224722222222



SiteOverview_facingN.JPG
-118.17365833333334 34.186680555555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: August 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	70 %
End of Day	15:00	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Hauling, grading, stockpiling
2. Haul trucks(~20), 1 excavator, 1 dozer, 2 water trucks, 1 street sweeper
3. Ames

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, BLPH, RSHA, SPTO, SOSP, CALT, ALHU, CASJ, BARS, MODO, BUSH, HOFI, BEWR, cottontail, CA ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- On site. Water trucks running throughout site for dust control.
0630- Tailboard. Hauling operations to continue. Crew focused on keeping trucks below speed limit and minimizing material ending up on the streets leaving the site
0700- Complete check of haul roads. Equipment entering the basin. Trucks lining up for weigh in, moving to north end of basin for loading. Excavator loading trucks, dozer stockpiling/grading at north end of basin.
0815- Continue surveying perimeter of work area.
0945- Survey south of basin by the dam. Water still flowing from Flint wash.
1130- Check haul roads for wildlife.
1230- Survey north end of basin.
1315- Survey south basin near dam.
1405- Check haul roads.
1450- Equipment returning to yard.
1500- End work

Additional Comments
N/A

Signature

photo_1-truck_weigh_in_facingNNE.jpg

photo_2-excavator_loading_trucks_facingNNE.jpg

photo_3-dozer_stockpiling_facingN.jpg

photo_4-flowing_water_in_south_basin_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	63 °F	0-3 MPH	0 %
End of Day	15:12	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Dirt hauling, grading
2. 1 dozer, 1 grader, 1 excavator, 1 water truck, ~30 haul trucks
3. Ames 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:
CORA, RCPA, CALT, SPTO, ANHU, CASJ, California ground squirrel, side-blotched lizard, coyote, western tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0550 arrived on site.
0600 attended tailboard meeting for ground personnel. Conducted precon survey of staging area, no wildlife in the work area.
0630 attended tailboard meeting for operators.
0645 told the crew to keep an eye out for two coyotes in the basin. Coyotes left the basin once vehicles started entering.
0700 excavator headed toward north basin. Haul trucks headed toward tire wash.
0715 monitored dirt hauling in north basin.
1130-1200 lunch
1225 excavator moved to mid-basin, started loading trucks from west side, near exclusion area fence.
1500 crew finished work for the day. Headed back to staging area.
1515 left site.

Additional Comments
N/A

Signature

20240826_northbasin_facingSW.jpg

20240826_midbasin_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: August 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	0 %
End of Day	15:15	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator removing sediment from western middle section of basin. Grader/blade grading roads for easy access. Bulldozer compiling sediment. Water truck on site. Dump trucks on site hauling sedimet

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, BLPH, CORA, RSHA, BUSH, CASJ, SOSP, BEWR

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Monitored sediment removal Swept basin throughout the day to look for wildlife for relocation or non-compliance issues

Additional Comments
N/A

Signature

Grading_roads_facingN.jpg
-118.17358978888889 34.18867775

Excavator_filling_dumptruck_FacingNW.jpg
-118.17361339722223 34.18866675833333

Dump_truck_line_up_for_excavator_facingNW.jpg
-118.17360416666668 34.188664044444444

Bulldozer_compiling_sediment_facingSW.jpg
-118.17361333333334 34.188659655555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutsi
Company: ECORP
Date of Log: August 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	60 °F	0-3 MPH	100 %
End of Day	14:30	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator worked on drainage trench on east mid section. Small section of ESA fence removal to access site. Bulldozer and grader smoothing down sediment south end. Two water trucks onsite.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

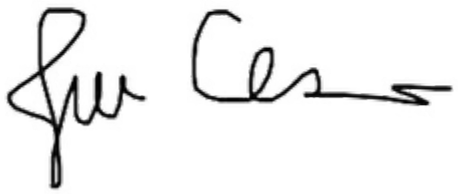
List of species observed while monitoring:
BUSH, CORA, BEWR, BLPH, CASJ, COHA, RSHA, SOSP, AMCR, Red-crowned parrots, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Monitored trench digging most of day, checked area for wildlife or other issues throughout the day.

Additional Comments
N/A

Signature



ESA_fence_removal_facingN.jpg
-118.17312168055555 34.19027694444444

bulldozer_distribute_sediment_facingSW.jpg
-118.17391494444445 34.188267463888884

Excavator_drainage_trench_work_facingN.jpg
-118.17293853611112 34.19055152777777

Grader_grading_basin_facingS.jpg
-118.17393308333334 34.18785113333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	59 °F	0-3 MPH	100 %
End of Day	15:00	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Contouring low flow basin, leveling out dirt, disassembling tire wash
2. 1 excavator, 1 dozer, 2 water trucks
3. Ames crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

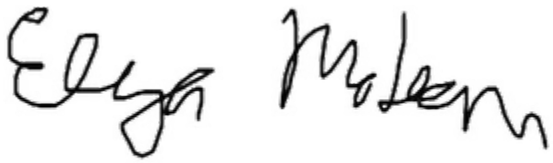
List of species observed while monitoring:
CALT, CASJ, CORA, WREN, BEWR, AMRO, NOMO, RCPA, KILL, MALL, NRWS, RTHA, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0550 arrived on site.
0600 attended tailboard meeting for ground personnel. Checked staging area for wildlife, none observed.
0630 attended tailboard meeting for vehicle operators. Walked into basin, to east side where excavator will be working.
0720 monitored dozer leveling dirt piles in the south basin.
1130-1200 lunch
1200 monitored excavator working on east side slopes, mid-basin.
1445 crew started heading back to the staging area.
1500 left site.

Additional Comments
N/A

Signature



20240829_dozerwork_facingNW.jpg

20240829_excavatorwork_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:09	62 °F	0-3 MPH	0 %
End of Day	14:23	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Sediment removal/grading
2. Excavator, bulldozer, Water trucks, and Bobcat
3. Kevin (AMES foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

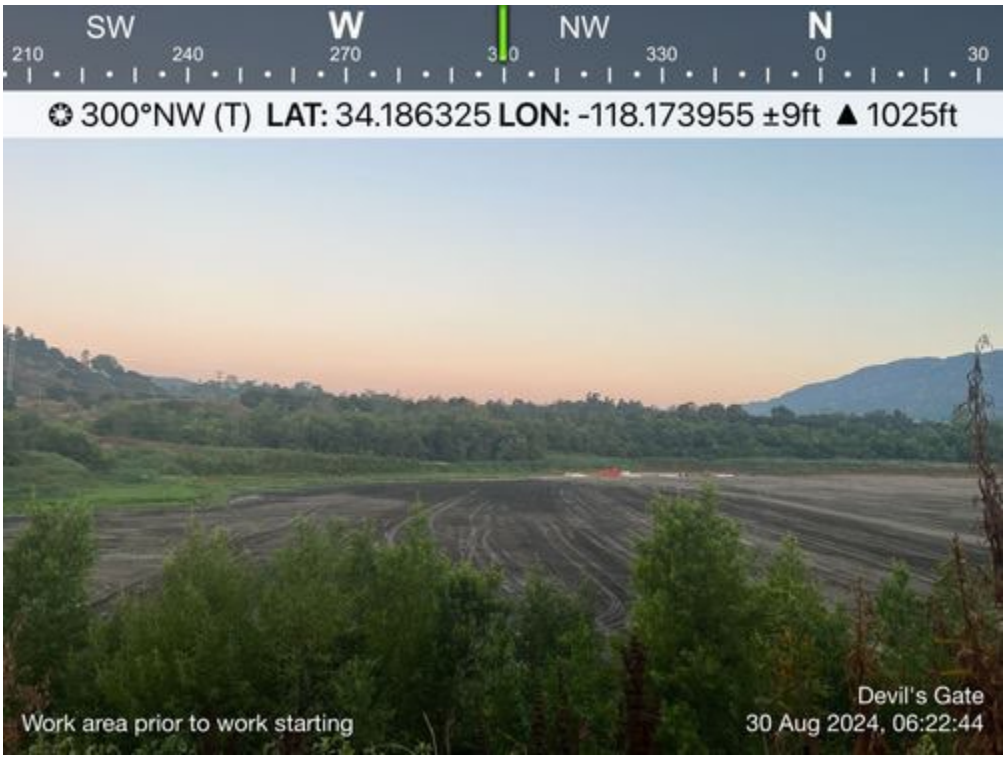
List of species observed while monitoring:
Yellowjacket, Dragonfly sp., Carpenter Bee, California Bordered Plant Bug, Red Admiral, Swallowtail sp., SOSP, RSHA, KILL, CALT, BEWR, BUSH, AMCR, CASJ, ACWO, BGGN, WREN, CATH, CAQU, Amazona sp., NUWO, WTSW, Horse (tracks), California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0550- Arrived on site.
0630- Attended tailboard meeting.
0700- Crew started work. They are working in the northern portion of the Project site near the slopes outside the EMA boundary. They also have a dozer working in the southern portion near the dam.
0830- Crew is still working. They are also starting to remove all of the Project boundary fencing.
0840- Dozer came over from the southern portion of the dam to where the excavator is working. Currently working in EMA boundary on previous cut from the day before. They are working on the low flow channel.
1000- Crew is still working on the low flow channels.
1140- Excavator moved south to work on channel in EMA area that was previously worked on.
1218- Crew is still working and are moving towards the northern end of the Project area.
1322- Crew is still working on the low flow channels towards the northern section.
1420- Crew finished for the day.

Additional Comments
N/A

Signature



Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_working.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	72 °F	0-3 MPH	0 %
End of Day	14:53	96 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Grading, placing rip rap
2. 1 excavator, 1 dozer, 2 water trucks
3. Ames crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

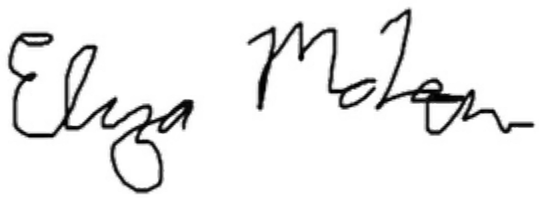
List of species observed while monitoring:
AMCR, RCPA, CALT, CASJ, ACWO, NOMO, MODO, GBHE, NUWO, WREN, California ground squirrel, desert cottontail, side-blotched lizard, coastal whiptail, carpenter bee, tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Checked staging area for wildlife, none observed.
0630 attended tailboard meeting.
0640 provided WEAP training to new foreman, David. Conducted pre-con sweep of basin.
0715 monitored dozer work and fence removal.
0730 haul truck unloaded riprap near east side low flow basin (LFB).
0815 excavator started placing riprap in the LFB.
1000 excavator started working on west LFB.
1130-1200 lunch
1200 continued monitoring excavator working on low flow basins.
1445 crew headed back to staging area.
1500 left site.

Additional Comments
N/A

Signature



20240903_grading_facingNW.jpg

20240903_riprap_facingW.jpg

20240903_eastLFB_facingNW.jpg

photo_4-20240903_westLFB_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: September 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	68 °F	0-3 MPH	0 %
End of Day	14:45	100 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Placing rip rap along east edge and at northern end, grading along west edge of reservoir
2. Excavator, haul truck, water truck, bulldozer, motor grader
3. Ames Construction, foreman David

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, SOSP, BLPH, CASJ, ANHU, MODO, CALT, BUSH, common side-blotched lizard, western fence lizard, desert cottontail, coyote, pocket gopher

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0555 Arrived on site. Performed a brief walkthrough of the site.
0630 Attended safety tailboard meeting
0645 Trucks drop off their loads of rip rap to eastern edge of reservoir.
0655 Laborer works to remove the last of the ESA fence.
0700 Excavator enters the reservoir, begins placing rip rap along east edge of reservoir
0750 Bulldozer enters the reservoir, begins grading/pushing sediment on the west edge of the reservoir, across from the rip rap. The excavator works alongside the dozer, moving sediment to be graded.
1000 Dozer continues grading along west edge.
1115 Haul truck unloads rip rap near power line pole on north end of reservoir
1145 Motor grader/blade cuts a road to the back of the reservoir to the power pole for trucks to drive on.
1300 Excavator continues placing rip rap along east edge of reservoir.
1430 Heavy equipment leaves reservoir
1445 Depart site

Additional Comments
N/A

Signature

UnloadingRiprap_facingN.JPG
-118.17295 34.190416666666664

Removing_ESA_fencing_facingN.JPG
-118.17201111111112 34.192788888888884

ExcavatorPlacingRipRap_facingNW.JPG
-118.1726388888889 34.190574999999995

DozerAndExcavator_Grading_facingW.JPG
-118.17266111111111 34.1905

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: September 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:45	71 °F	0-3 MPH	0 %
End of Day	14:53	109 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Riprap placement, removal of tire wash and k-rails
2. Excavator, skid steer, bulldozer, two water trucks, four dump trucks
3. Ames Construction (11 plus David)

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, BLPH, CALT, CASJ, SOSP, RSHA, MODO, ACWO, SBMU, BUSH, BEWR, TUVU, CORA, BGGN, HOFI, EUCD, RCPA, COHA, LEGO, ANHU, CATH, CAQU, CLSW, ALHU, RTHA, desert cottontail, western fence lizard, monarch, western toad, western tiger swallowtail, lorquin's admiral, western mosquitofish, coastal whiptail, coyote, California treefrog

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0545: arrived on site
0630: tailboard. No new crew members.
0637: spoke with foreman. Plan is to continue riprap placement on the western slope where erosion was occurring. Once the slope is complete, the excavator will move to the southern electrical pole on site & place riprap around it. Final steps will be smoothing down sediment in basin & removing dirt ramp into basin. All fencing has been taken down & no micro trash observed.
0815: updating nest (LEGO-3)-possibly fledged. Has been a long time since last update.
0849: bulldozer entering basin to move gravel surrounding tire wash. Crew beginning to remove tire wash from site. Relocated two western toads. Observed pools of water near dam that contain western mosquitofish. Updated Cliff swallow nests on dam to inactive.
1100: coyote hanging around trail by restoration area on eastern side. Was told by a pedestrian it was on the trail this morning.
1117: excavator moving k-rails from tire wash. Relocated four toads and two treefrogs.
1146: excavator returned to riprap. Progress slow due to delayed rock deliveries.
1230: excavator removed sides of tire wash. No wildlife observed.
1353: returned to riprap. Final rock delivery at 1423.
1450: machinery returns to staging area. End of day.

Additional Comments
N/A

Signature

K_rail_removal_at_tire_wash.jpg

Pooled_water_near_dam.jpg

Riprap_at_beginning_of_day.jpg

Rip_rap_towards_end_of_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: September 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	81 °F	0-3 MPH	60 %
End of Day	14:30	109 °F	4-6 MPH	35 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator installed rip rap on eastern slope and northern end around powerpole. Tire wash electrical was removed. Two water trucks, and skid steer on site. Trucks on site delivering rocks for rip rap.

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, CASJ, SOSP, BLPH, CORA, BEWR, CAKI, Red-crowned parrot

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Checked work areas in the morning for any wildlife needing relocation and monitored throughout the day.

Additional Comments
N/A

Signature

Excavator_adding_rip_rap_east_side_facingN.jpg
-118.17309068611111 34.19041440555555

Excavator_add_rip_rap_to_power_pole_facingN.jpg
-118.17129356944444 34.19384599999999

Removing_electrical_for_tire_wash_facingS.jpg
-118.17603386111112 34.18808374166667

Truck_delivering_rocks_facingE.jpg
-118.17533780555556 34.188263677777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: September 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	72 °F	0-3 MPH	0 %
End of Day	14:40	106 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Deconstructing truck scale area
2. Excavator, bulldozer, water truck
3. Ames Construction, foreman David

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, SOSP, BLPH, AMCR, ALHU, ANHU, MODO, CALT, BUSH, RSHA, BLGR, BARS, MALL, RCPA, CORA, RTHA, CASJ, common side-blotched lizard, western fence lizard, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0555 Arrived on site. Performed a brief walkthrough of the site.
0632 Attended safety tailboard meeting
0655 Excavator enters the reservoir
0700 Laborers begin deconstructing elements of the truck scales and truck wash using hand tools.
0708 Bulldozer enters the reservoir, begins grading area near where rip rap was placed in the northern portion of the reservoir.
1033 Excavator is used to disassemble parts of the truck wash.
1115 Excavator begins digging up underground components of the truck wash.
1200 Dozer begins grading near area where rip rap was placed along the eastern edge of the reservoir.
1325 Dozer finished grading and leaves the reservoir.
1430 Excavator leaves the reservoir.
1440 Depart site

Additional Comments
N/A

Signature

Deconstructing_Scales_facingNW.jpg
-118.17657455555556 34.18781037777777

Dozer_grading_facingNW.jpg
-118.17069593333333 34.19440383333333

Excavator_deconstructing_TruckWash_facingN.jpg
-118.17653552777779 34.18787038333333

Excavator_Digging_nearTruckWash_facingS.jpg
-118.17604225000001 34.188381166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: September 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	72 °F	0-3 MPH	0 %
End of Day	14:45	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator compiled k-rails and excess drainage pipes and loaded onto trucks for removal from site. Also scales plates were pulled up. Water truck on site.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

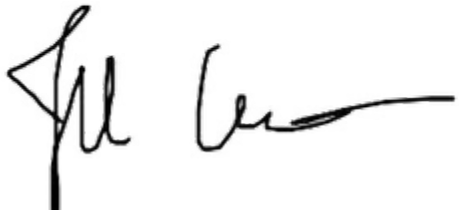
List of species observed while monitoring:
CASJ, WREN, ACWO, MALL, BEWR, BLPH, CAKI, HOFI, CORA, Parrot species, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Monitored cleanup of site and looked for wildlife that might need relocation

Additional Comments
N/A

Signature



Excavator_load_k-rail_on_truck_faceSW.jpg
-118.17550625 34.18809035277778

Excavator_compile_k-rail_for_removal_faceSE.jpg
-118.17423922222223 34.18737379722222

Excavator_moving_drainage_pipes_faceN.jpg
-118.17409041666667 34.187698902777775

Excavator_remove_weigh_station_plate_faceSW.jpg
-118.17608258333334 34.188245072222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	60 °F	0-3 MPH	0 %
End of Day	14:44	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Removing tire wash station; removing access ramp from staging area into basin
2. 1 excavator, 1 dozer, 1 water truck
3. Ames crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

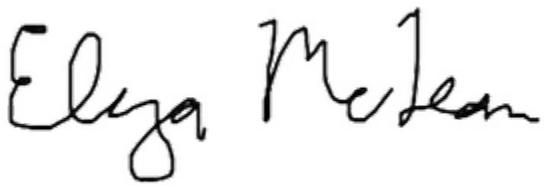
List of species observed while monitoring:
RCPA, CASJ, CORA, MODO, NRWS, SOSP, KILL, RTHA, TUVU, WREN, California ground squirrel, desert cottontail, side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0600 arrived on site. Conducted precon sweep of staging area - no wildlife in the work area.
0630 attended tailboard meeting. Checked tire wash area for wildlife, none observed.
0700 crew started work, continued removing the tire wash components.
1030 excavators started removing the access ramp from the staging area into the basin.
1300 operator switched to dozer to finish slope grading.
1345 operator graded remaining dirt pile in staging area.
1430 crew started wrapping up work.
1445 left site.

Additional Comments
N/A

Signature



20240911_tirewash_facingS.jpg

20240911_rampwork_facingS.jpg

20240911_aftergrading_facingSE.jpg

20240911_gradingstagingarea_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: September 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	100 %
End of Day	14:45	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Demobilization of work area
2. Excavator, trucks
3. Ames

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, CALT, SOSP, BUSH, KILL, GREG, CORA, RSHA, ALHU, MODO, CASJ, ACWO, RTHA, cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- on site.
0630- tailboard. Plan to move out remaining section of tire wash/scale house.
0645- excavator enters basin. Moving to work in southwest corner near scalehouse.
0655- excavator removing buried cloth liner. Survey around work area. No wildlife observed in work area.
0705- trucks arrive in basin. Loaded with sections of tire wash using excavator.
0835- finish loading in southwest basin. Only generator and outhouse left in southwest basin. Excavator moves up exit ramp to load more plates
0930- finish loading shaker plates from exit ramp
0945- loading shaker plates and conex box at staging area onto truck.
1130- truck departs staging area. Water truck still running throughout basin. Crew lunch.
1200- excavator returns to moving material in the southwest end of basin.
1240- excavator moves to southeast side of basin to load equipment onto truck.
1315- truck loaded, excavator moves to southwest to continue removing buried cloth liner
1340- excavator removing gravel ramps for scales
1405- excavator leaving basin
1420- lowering water tank off of stilts in staging area
1445- foreman anticipated being fully demobilized by the end of Friday 9/13. Depart site

Additional Comments
N/A

Signature

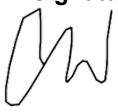


photo_1-excavating_in_SW_basin_facingNE.jpg

photo_2-loading_scales_sections_facingSW.jpg

photo_3-loading_shaker_plates_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jill Coumoutso
Company: ECORP
Date of Log: September 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	100 %
End of Day	13:00	78 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
Excavator removed drainage pipe from bottom of acess road, bulldozer graded near old scale station, trash, old tarps and orange cones were collected and temoved from the basin. Skidsteer filled in holes in badin, water tank was removed from site, large equipment was hosed off and taken off site. Water truck also on site.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

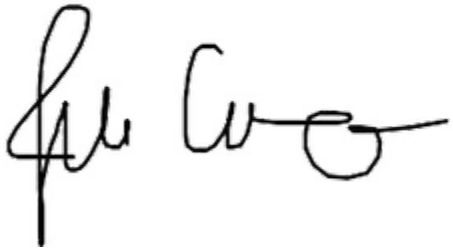
List of species observed while monitoring:
CASJ, ANHU, CALT, CAQU, KILL, CORA, RSHA, BEWR, BUSH, BLPH, HOFI, SASP, red-crowned parrot

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
Monitoted all ground disturbance, checked site for trash or animals needing relocation.

Additional Comments
N/A

Signature



Bulldozer_grading_weigh_station_area_faceSW.jpg
-118.17523136944445 34.18815844444444

Skidsteer_fill_in_hole_faceN.jpg
-118.17401661111111 34.18780499166667

Dig_trench_to_pull_up_drainage_pipe_faceE.jpg
-118.17408098888889 34.18718900555555

Pull_drainage_pipe_from_access_road_faceE.jpg
-118.17410094444445 34.18722446111111

APPENDIX D

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:45	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1). Restoration activities today are primarily associated with the removal non-native invasive plant species.
2). Equipment today is limited to the use of hand tools, particularly hoes.
3). Restoration personnel is the contractor, Gothic, comprised of 10 men plus the foreman Juan.

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: Red-masked Parakeet, CALT, BHGR, WTSW, BEWR, CAQU, AMCR, ACWO, COHA, YEWA, WREN, HOWR, NUWO, NRWS, PSFL, OATI, LEGO, HOFI, NOMO, SPTO, MODO, GBHE
Herps: California toad, Great Basin fence lizard, San Diego tiger whiptail
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- ICF biologist and landscape contractor, Gothic, arrived at the staging are at Johnson Field.
0640- Crew at work removing invasive plant species adjacent to existing maintenance access road. Location is DG-East Trail 3.
0900- Crew on brief AM break.
0915- Crew back to work within DG-East Trail 3.
1200- Crew on lunch break.
1230- Crew removing nonnative invasive plant species on sides of dirt maintenance road within and adjacent to DG-2.
1345- Crew removing nonnative invasive plant species in DG-East Trail 2.
1430- Crew demobilizing and transporting material for disposal.
1440- Crew and biologist leaving the site for the day

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-EastTrail3_facingNorth.jpg
-118.17062744444445 34.19174980555555

Crew_removing_weeds_DG-2_facingNortheast.jpg
-118.17133922222223 34.19063277777777

Crew_removing_weeds_adjacent_DG-2.jpg
-118.17154377777779 34.19026184722222

Crew_transporting_material_for_disposall_facingNorth.jpg
-118.17224947222223 34.18938668055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	62 °F	0-3 MPH	0 %
End of Day	14:35	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed clearing.
2. Nine, hand tools and a weed whacker.
3. Nine, Nature's Image, Genero and Lalo Maldonado.

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, HOFI, SPTO, CAQU, CASJ, BHGB, AMCR, BGGN, CALT, BEWR, NUWO, ALHU, Amazonia sp., NRWS, WREN, BUSH, RTHA, NOMO, TUVU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Crew began arriving.
0630 Genero took me to the work area in DG-4 and I met Maldonado who will be helping with his own crew of three for the rest of the week.
0640 I began clearing the area.
0700 I cleared the area.
0705 Crew began weeding. Tatiana and Charlie are on irrigation.
0745 Crew began periodically taking full tarps to be taken to the dumpster.
0850 Crew broke for first break.
0920 Crew returned from break (includes 10 min round trip of travel).
1000 Juvenile and adult seen perched near each other near CASJ_07. Two juvenile's seen by here after lunch.
1015 Genero told me another crew, led by Alberto, may be joining to help on Friday, for a total of three crews.
1050 Crew broke for lunch.
1140 Crew returned from lunch (includes 10 minutes round trip travel) and continued weeding.
1320 Crew broke for second break. Maldonado and his crew left for the day to travel back to Perris.
1350 Crew returned from second break (includes 10 minutes round trip travel), continued weeding, and started to focus on filling and taking tarps to the dumpster.
1420 Crew began wrapping it up for the day.
1435 Crew has finished dumping the tarps in the dumpster and putting everything away. They are starting to leave.

Additional Comments
N/A

Signature

work_area_start_facingS.jpg
-118.17222194444444 34.19414194444444

work_area_during_facingS.jpg
-118.17220388888889 34.19414194444444

work_area_end_of_day_facingS.jpg
-118.17219277777778 34.194157777777775

work_along_wash_during_facingSW.jpg
-118.1718838888889 34.193838888888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	63 °F	0-3 MPH	95 %
End of Day	14:30	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weeding.
2. 10, hand tools and one weed whacker.
3. 10, Nature's Image, Genero and Lalo Maldonado.

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, CAQU, AMCR, CASJ, BGGN, CATH, BHGR, HOFI, RTHA, BEWR, SPTO, NOMO, Amazonia sp., ALHU, LEGO, BARS, DEJU, NUWO, CALT.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Crew began arriving.
0635 Genero took me to clear the work area in DG-4 to continue where they left off.
0645 I started clearing both parts of the work area.
0700 Heard woodpecker pecking in area by nest point NUWO_04.
0707 I finished clearing both parts of the work area.
0715 Crew gathered around for me to talk about how close we can weed to woodrat middens.
0720 Crew started weeding.
0725 Genero went to start weed wacking
0740 Crew began periodically taking full tarps to the Kubota to take to the dumpster.
0850 Crew broke for first break.
0910 Crew returned from break and resumed weeding. Genero and Maldonado returned with the crew from break.
0930 Genero resumed weedwacking.
1015 Crew began bringing Kubota around pick up tarps.
1055 Crew broke for lunch.
1135 Crew returned from lunch and resumed weeding.
1330 Crew broke for second break. Maldonado and his crew left to drive back to Perris.
1350 Crew returned from break.
1400 CASJ_07 was deactivated. Full details in field maps.
1410 Crew began wrapping up for the day.
1430 Crew finished putting everything away in the shipping container and dumpster, and has left for the day.

Additional Comments
N/A

Signature

work_area_start_facingSE.jpg
-118.17223777777778 34.19415083333333

work_area_after_facingSW.jpg
-118.17221777777779 34.19416277777778

weed_wack_side_work_area_after_facingSSE.jpg
-118.17280583333334 34.19377583333333

side_work_area_after_facingSSE.jpg
-118.17208694444444 34.19356388888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: July 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °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 species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU EGGO BARS CLSW NAWA CATH MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA WEBL KILL SNEG AMKE CANG WBNU COHA EUST Red Crowned Parrot GREG OCWA RUDU YWAR BHGR YBCH WETA
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-East Trail 1 and 2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-East Trail 1 and 2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-East Trail 1 and 2.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-East-Trail-1_facingS.jpg

Invasive_removal_DG-East-trail-2_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	63 °F	0-3 MPH	0 %
End of Day	13:55	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities today are primarily associated with removal and proper disposal of non-native and invasive plant species.
2) Equipment limited hand tools, particularly hoes.
3) Restoration activities today being conducted by Gothic and is comprised of 10 men plus foreman Juan.

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: LEGO, PHAI, Red-masked Parakeet, NUWO, ACWO, AMCR, CALT, BHGR, NOMO, BEWR, SPTO, BLPH, BUSH, SOSP, MODO, HOFI, ALHU, CASJ, HOOR, WREN, PSFL, RTHA, COHA, TUVU, OATI, ANHU, HOWR, BGGN
Herps: California toad, Great Basin fence lizard
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived at Johnson Field staging area.
0630- Gothic arrived and mobilized for today's restoration activities.
0645- Crew removing non-native and invasive plant species from DG-East Trail 4.
0900- crew on brief AM break.
0915- Crew back to work weeding out non-native and invasive plant species from DG-East Trail 4.
1200- Crew on lunch break.
1230- Crew back to work weeding and disposing of invasive plant species removed from DG-East Trail 4.
1345- Crew cleaning up for the day.
1355- Gothic crew and ICF biologist leaving the site.

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-EastTrail4_FacingNE.jpg
-118.17066994444446 34.19193125833333

Crew_removing_weeds_DG-EastTrail4_FacingSW.jpg
-118.17014269444445 34.192345075

Crew_removing_weeds_DGEastTrail4_FacingW.jpg
-118.16997663333333 34.192307666666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: July 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	65 °F	0-3 MPH	0 %
End of Day	14:23	92 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Nonnative removal within DG-4B. Target species include but are not limited to: *Brassica nigra*, *Lepidium latifolium*, *Malva parviflora* and *Conium maculatum*.
2. Hand tools (hula hoes, takes and shovels).
3. Natures Image crew of ten including Genaro Gomez (foreman). Separate crew from Perris part of the crew.

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:
BGGN, RTHA, ACWO, BHGB, YEWA, HOOR, MALL, CANG, GREG, CORA, SPTO, CALT, BUSH, CASJ, COYE, MODO, WTSW, NRWS, KILL, SOSP, LEGO, Western fence lizard, Coastal whiptail, Red-eared slider, California ground squirrel

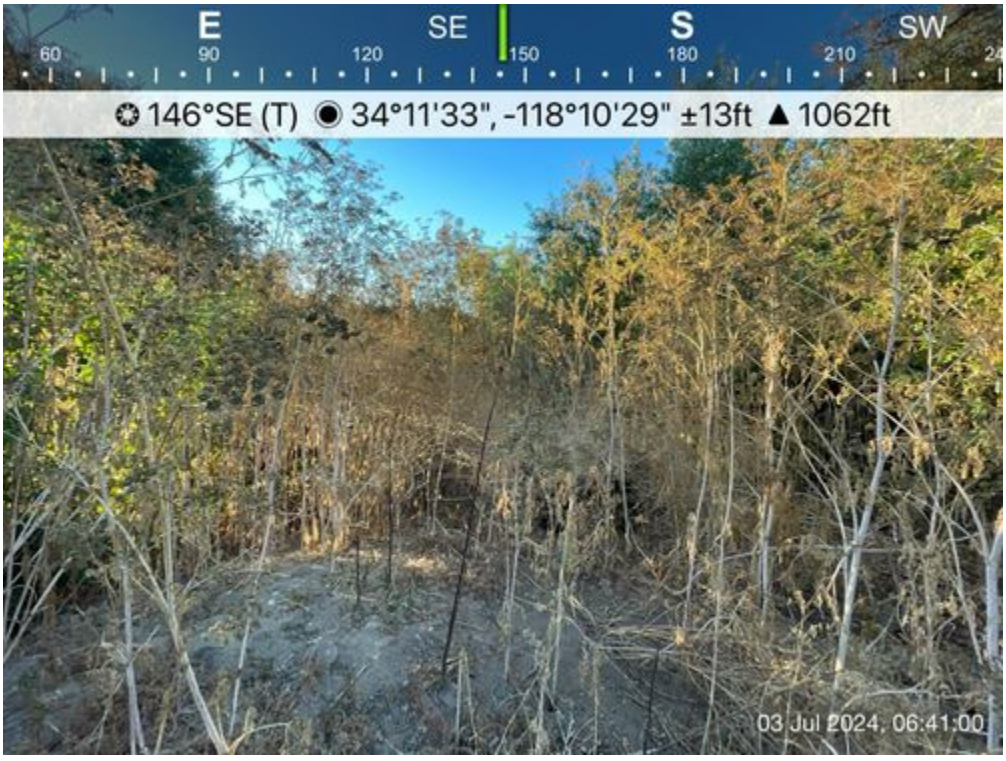
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0620: Genaro Vargas (Natures Image; foreman) arrives on site.
0623: Genaro and I discuss starting in DG-4B.
0630: Start conducting nesting bird survey of DG-4B.
0700: Gave Genaro the all clear to work in DG-4B. I couldn't access the center of DG-4B due to density of perennial pepperweed. Asked Genaro to have the crew move slowly in case of any nesting birds.
0700-0740: Monitored weeding of DG-4B due to uncertainty of nesting bird survey.
0751: Arrived at revisor to monitor mallard duckling, check status of yellow warbler nests and monitor for potential fish in the reservoir.
0751-0836: Monitored mallard duckling and yellow warbler nests (YEWA-01).
0836: Natures Image takes a break.
0846: Natures Image returns from their break.
0846-0930: Observed mallard duckling following adult mallards around northwest portion of the reservoir. Duckling was being fed by the adults. Monitored YEWA-01, heard/observed male yellow warbler vocalizing near the nest and chasing off other species. Observed female yellow warbler foraging in willows nearby. Female yellow warbler observed with a grasshopper and heading towards nest location. Presumed based off nest discovery and yellow warbler activity that fledglings may be close to the nest.
0947: Arrived back to DG-4B.
1050: Crew breaks for lunch.
1200: Crew returns from lunch. Crew continues weeding within DG-4B.
1314: Genaro informs me of a beehive within an irrigation box near DG-4 and DG-4 WOUS. Genaro states that the beehive is preventing cuttings from getting water in the area. He also mentions that other monitors were informed of the issue. Contacted Carley Adam's who began coordinating removal with the County. Natures Image may be able to connect the irrigation line to another box, if not hand watering would take place. Changing the irrigation line wouldn't take place until Friday.
1325: Crew takes a break.

1345: Crew returns from their break. Perris crew leaves site.
1410: Natures Image beginning clean up for the day.

Additional Comments
N/A

Signature



DG-4B_before_nonnative_removal.jpg

During_nonnative_removal_within_DG-4B.jpg

DG-4B_after_nonnative_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: July 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	66 °F	0-3 MPH	0 %
End of Day	13:07	96 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative removal within DG-4B. Target species include but are not limited to: *Brassica nigra*, *Lepidium latifolium*, *Malva parviflora* and *Conium maculatum*. Irrigation work performed by one worker.
2. Hand tools (hula hoes, takes and shovels).
3. Natures Image crew of nine including Genaro Gomez (foreman). Separate crew from Perris part of the crew.

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:
BGGN, RTHA, ACWO, NUWO, BHGB, YEWA, MALL, GREG, CORA, SPTO, CALT, BUSH, CASJ, COYE, MODO, CAQU, WTSW, NRWS, KILL, SOSP, LEGO, Western fence lizard, Coastal whiptail, California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0615-0633: Conducted a nesting bird survey of DG-4B and a portion of DG-4 west of Natures Image storage container.
0633: Genaro Vargas (Natures Image; foreman) at Natures Image storage container prepping equipment.
0633-0658: Continued nesting bird survey of portion of DG-4.
0709-0800: Arrived at revisor to monitor mallard duckling, check status of yellow warbler nest (YEWA-1) and monitor water level in the reservoir. Heard a yellow warbler calling within the buffer of YEWA-1 but didn't observe any entering nest location. Observed mallard duckling on the west side of reservoir with mallard flock. Later observed the duckling closer to the dam with the same flock. Duckling appears to be keeping up with flock and is not showing signs of distress.
0815: Monitored California towhee nest (CALT-01) near DG-W-2. Changed the status to inactive due to lack of activity and based upon initial discovery date.
0831: Natures Image takes a break.
0850: Natures Image returns from break.
0944: Genaro informed me the crew will be ending work around 1330 today. Reason for ending early was the heat advisory in the area.
1100: Natures Image takes lunch.
1200: Natures Image returning from lunch.
1300: Natures Image cleaning up for the day.

Additional Comments
N/A

Signature

Removed_vegetation_from_mitigation_area.jpg

Portion_of_DG-4B_that_was_weeded.jpg

Portion_of_DG-4_surveyed.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	65 °F	0-3 MPH	0 %
End of Day	14:43	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to removing non-native invasive plant species.
2) Equipment used today limited to hand tools, particularly hoes.
3) Gothic crew of 10 men plus foreman Juan

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, WREN, SPTO, HOFI, LEGO, CAQU, NUWO, SOSP, BUSH, BHGR, CALT, BEWR, MODO, ECDO, OATI, Red-masked parakeet, ACWO, HOWR, TUVU, NOMO
Herps: Great Basin fence lizard, San Diegan tiger whiptail
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- ICF biologist arrived.
0630- Gothic arrived and mobilized for today's activities.
0640- Gothic removing non-native invasive plant species in the 5.2-acre "Gothic Area" located on the west side of the Arroyo Seco. Crew starting the day in the southwest corner of this work area (DG-4C).
0900- Crew on AM break.
0915- Crew back to work weeding in north end of DG-4 and DG-W-2.
1200- Crew on lunch break.
1230- Crew back to work removing non-native plant species along the north end of DG-4 and DG-4C.
1430- crew cleaning up and disposing of collected weed material.
1440- Gothic and ICF leaving the site.

Additional Comments
N/A

Signature

Crew_removing_weeds_FacingW.jpg
-118.17465479444445 34.192805

Crew_Removing_Weeds_FacingSE.jpg
-118.17461113888889 34.19312572222222

Crew__removing_invasive_weeds_FacingSE.jpg
-118.17446430555556 34.19368169444444

Crew_Removing_Weeds_FacingW.jpg
-118.17344663888889 34.193749555555556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	64 °F	0-3 MPH	0 %
End of Day	14:30	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. 4, hand tools.
3. 4, Nature's Image, Genero.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

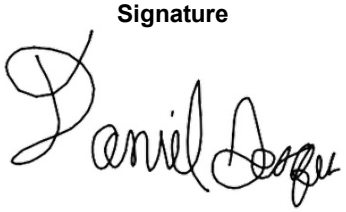
List of species observed while monitoring:
CASJ, CALT, MODO, BHGB, SPTO, SOSP, ALHU, Amazonia sp., BEWR, AMCR, RSHA, MALL, NRWS, ACWO, CAQU, California ground squirrel, Yellow jacket, WREN, HOFI, and Alligator lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Crew began arriving
0640 I began showing Genero the area we want them to hit in DG-4, DG-4A, DG-4 drainage.
0650 I began clearing the area.
0710 I finished clearing the area, alerted the crew, and they began work.
0720 I went to double check next weeding area to confirm no nesting activity.
0750 I finished double checking the next weeding area.
0835 Crew broke for first break. I also marked a yellow jacket nest and will have crew avoid the area.
0855 Crew returned from first break and resumed weeding.
1055 Crew broke for lunch.
1135 Crew returned from lunch and loaded up the truck with full tarps to be unloaded in the dumpster.
1140 Crew began unloading tarps into the dumpster. The loading and unloading of full tarps continued periodically throughout the rest of the day.
1330 Crew broke for second break.
1355 Crew returned from second break and resumed weeding.
1415 Crew is focusing on removing full tarps to unload at the dumpster and wrapping up for the day.
1430 Crew finished putting everything away and left for the day.

Additional Comments
N/A

Signature



side_work_area_during_facingSW.jpg
-118.1753188888889 34.19201583333333

work_area_before_facingSE.jpg
-118.17583194444445 34.19188083333333

work_area_during_facingSE.jpg
-118.17582888888889 34.19192083333333

work_area_after_facingSE.jpg
-118.17582777777778 34.191897777777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	65 °F	0-3 MPH	0 %
End of Day	14:35	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Activities associated with restoration is limited to the removal and disposal of non-native invasive plant species.
2) Equipment associated with today's restoration activities limited to hand tools, particularly hoes.
3) Gothic is comprised of 10 men plus their foreman Juan.

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: CAQU, AMCR, ALHU, NUWO, CALT, SPTO, BEWR, ACWO, ECDO, MODO, HOFI, CASJ, OATI, HUVI, BARS, BGGN, NOMO, BHGR, RTHA, NRWS, HOWR, LEGO, SOSP, COHA
Herps: Great Basin fence lizard, San Diegan tiger whiptail, California toad
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived
0630- Gothic arrived and mobilized for today's activities.
0640- Gothic crew removing non-native invasive plant species from restoration area located on the west side of the Arroyo Seco staring in the northeast corner of DG-4 and moving south.
0800- Gothic crew now removing weeds in DG-W-2.
0900- Crew on AM break.
0915- Crew removing weeds along southeast corner of DG-W-2.
1200- Crew on lunch break
1230- Crew back to work removing invasive non-native plant species from DG-W-2.
1425- Crew picking up and disposing of removed material.
1435- Gothic and ICF biologist leaving the site for the day.

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-4_FacingSE.jpg
-118.17313904166667 34.193929499999996

Crew_removing_weeds_DG-W-2_FacingN.jpg
-118.17375176666667 34.192610861111106

Crew_Removing_Weeds_DG-W-2_facingE.jpg
-118.1746251388889 34.192838861111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: July 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:15	95 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (hoes, shovels)
3. Nature's Image, crew lead 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, BGGN, SPTO, CALT, NOMO, CAQU, BUSH, MODO, LEGO, CASJ, SOSP, HOFI, AMCR, CAKI, BEWR, ANHU, NUWO, CATH, Western toad, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Desert cottontail, California ground squirrel, Eastern fox squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Arrive on site
0645 Began sweep of work area (DG-4A) prior to work commencing.
0655 Work area cleared for work.
0700 Nature's Image crew begin weed abatement activities.
-The crew removes non-native weed species such as poison hemlock (*Conium maculatum*), shortpod mustard (*Hirschfeldia incana*), and perennial pepperweed (*Lepidium latifolium*). The crew carries them out of the restoration area in tarps while leaving native species intact.
1210 After lunch, part of the crew moves to DG-4, south of the DG-W-2 channel.
1400 No nesting bird activity was observed today.
1410 Crew picks up the last few tarps full of weeds and takes them to the dumpster.
1415 Depart site.

Additional Comments
N/A

Signature

DG4A_before_facingSE.jpg
-118.17566769444444 34.19170483333333

DG4A_during_facingSE.jpg
-118.17568527777779 34.191699888888884

DG4-A_after_facingSE.jpg
-118.17565472222223 34.19170966666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: July 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:30	70 °F	0-3 MPH	0 %
End of Day	15:00	95 °F	0-3 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 10 plus Juan 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 NRWS BUSH RTHA AMRO GBHE COHA BNST GREG CAQU RCKI HUVI SPTO OSPR KILL RSHA COHA OCWA EGGO BARS CLSW NAWA DCCO CATH WIWA MIPA PHAI YBCH BGGN BUOR NUWO LASP BTPI LEGO DEJU TUVU RWBL SPTO LEGO NOFL BUFF YEWA WTSW WETA AGOL
Reptiles: western fence lizard, side-blotch lizard, southern Pacific rattlesnake, gopher snake, red-eared slider, coastal whiptail
Mammals: desert cottontail, California ground squirrel, Pocket Gopher
Amphibians: western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.
0900: Crew takes a break.
0910: Crew continues removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.
1000: Biologist set buffer for Nuttall's Woodpecker nest.
1030: Crew continues removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.
1130: Biologist set buffer for Mourning Dove nest.
1200: Crew breaks for lunch.
1230: Crew returns to removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.
1440: Crew stops works for the day.

Additional Comments
N/A

Signature

MODO_activenest_facingNE.JPG

Invasive_plant_removal_facingSouth.JPG
-118.17477500000001 34.19259444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: July 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	72 °F	0-3 MPH	0 %
End of Day	14:15	95 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. No equipment, pulling by hand
3. Nature's Image (4-Genaro)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

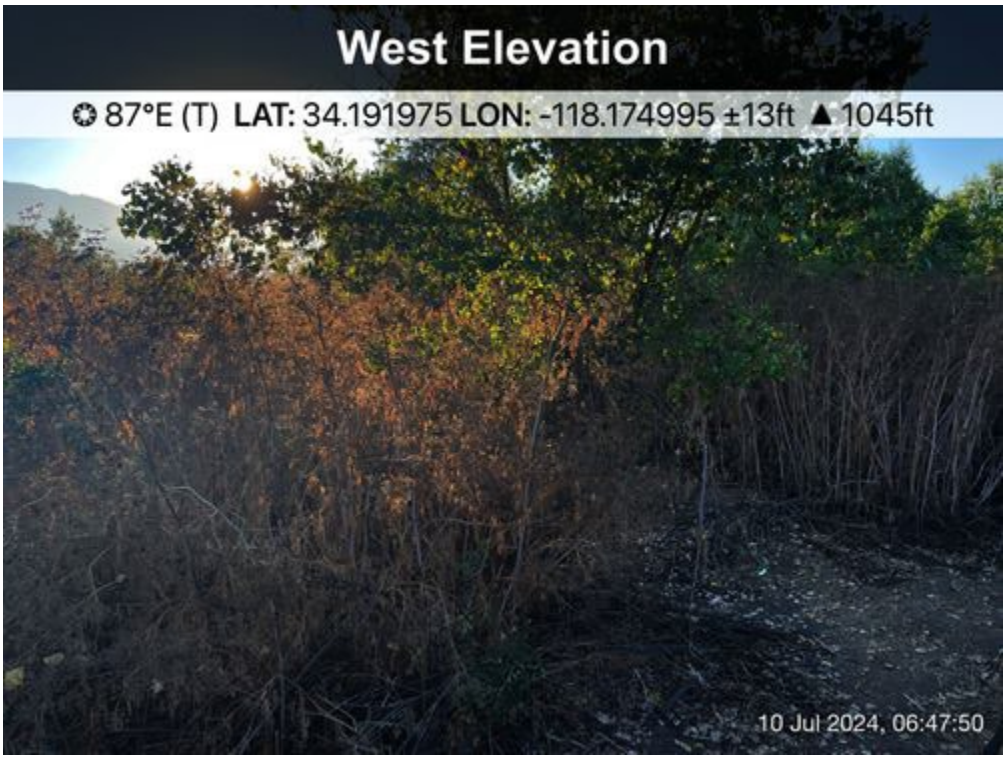
List of species observed while monitoring:
RSHA, BGGN, ANHU, parrot sp., SPTO, CALT, LEGO, NOMO, SOSP, HOFI, BHGR, MODO, CASJ, NRWS, Cottontail, ALHU, BTPI, OATI, Western fence lizard, NUWO, BEWR, CAQU, CAKI, COHA, Woodrat, CLSW, ACWO, CORA, Coyote, RTHA, WEBL, WBNU, Coastal whiptail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: arrived on site for pre-sweep
0650: found dead juvenile cottontail in restoration area. Notified Lauren & crew. Flagged area for potential future collection by CDFW.
0700: crew began work (3 including Genaro. One will be arriving late). Removing primarily poison hemlock and mustard. Some occasional perennial pepper weed.
0839: old inactive nest uncovered in dense poison hemlock patch. Crew worked around it. Multiple woodrat middens being left a buffer.
0850-0920: break
0943: BGGN pair observed feeding two fledglings. Not in immediate work area.
1050-1140: lunch
1147: CASJ pair with fledgling. Can hear fledgling begging. Crew not working in this area.
1420-1450: break
1450: cleaning up vegetation piles. Pulling a little more, but mostly cleaning up due to heat & small crew.

Additional Comments
N/A

Signature



Pre_vegetarion_removal.jpg

Pre_vegetation_removal_2.jpg

Post_vegetation_removal_facing_NE.jpg

Post_veg_removal_2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	69 °F	0-3 MPH	10 %
End of Day	14:35	91 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive plant species.
2) Equipment limited to hand tool, particularly hoes.
3) Gothic crew comprised of 10 men, plus Foreman Juan.

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, CALT, ACWO, ECDO, BGGN, MODO, ALHU, BHGR, Red-masked Parakeet, NUWO, SPTO, ANHU, NRWS, TUVU, RTHA, HOFI, LEGO, BEWR, NOMO, COHA
Herps: Great Basin fence lizard, San Diegan tiger whiptail
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived.
0630- Gothic arrived and mobilized.
0640- Gothic removing non-native invasive weeds along the west side of the Arroyo Seco in DG-W-2.
0900- Gothic crew on AM break.
0915- Gothic crew back to work removing non-native invasive weeds. Activities in DG-4 and DG-W-2.
1200- Gothic crew on lunch break.
1230- Gothic crew back to work removing non-native invasive weeds. Activities in DG-4 and DG-W-2.
1430- Gothic cleaning up and demobilizing.
1435- Gothic and ICF biologist leaving site.

Additional Comments
N/A

Signature

Crew_AM_tailboard_facingNW.jpg
-118.17519579166667 34.19257674999999

Crew_removing_weeds_DG-W-2_facingS.jpg
-118.1746102638889 34.19301930555555

Crew_disposing_of_removed_weeds_FacingS.jpg
-118.17533659444445 34.19257448888889

DG-4_weed_removal_FacingSE.jpg
-118.17388279722223 34.19226227777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	68 °F	0-3 MPH	5 %
End of Day	14:35	88 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed clearing.
2. 4, hand tools.
3. 4, Nature's Image, Genero.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SPTO, MODO, AMCR, CASJ, HOFI, Amazonia sp., WEBL, CAQU, BEWR, BHGR, SOSP, BLPH, WREN, NRWS, TUVU, CALT, Western fence lizard.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Crew began arriving.
0635 Genero took me to where they are continuing to work in DG-4.
0640 I started clearing the area.
0700 I finished clearing the area.
0705 Crew began weeding using hand tools and hand pulling of target species. Target species: *Hirschfeldia incana*, *Conium maculatum*, *Lepidium latifolium*, *Verbascum thabsus*.
0855 Crew broke for first break
0915 Crew returned from break and resumed weeding. Tatiana moved to irrigation.
1100 Crew broke for lunch.
1155 Crew returned from lunch.
1325 Crew broke for last break.
1345 Crew returned from last break.
1420 Crew started wrapping it up for the day.
1435 Everything is put away and the crew is leaving for the day.

Additional Comments
N/A

Signature

portion_of_work_area_start_facingNNE.jpg
-118.17476472222222 34.191832777777776

portion_of_work_area_during_facingNE.jpg
-118.1748238888889 34.19181694444444

portion_of_work_area_after_facingNNE.jpg
-118.174715 34.19183388888889

side_work_area_after_facingE.jpg
-118.17474777777778 34.191877777777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: July 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	14:00	89 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU EGGO BARS CLSW NAWA CATH MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA WEBL KILL SNEG AMKE CANG WBNU COHA EUST Red Crowned Parrot GREG OCWA RUDU YEWA BHGR YBCH WTSW
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and large stands of poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-W-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-W-2.
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-W-2_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: July 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	64 °F	0-3 MPH	100 %
End of Day	14:15	85 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive plant removal
2. Shelves, hoes
3. Natures Image , 4 person crew, Genaro Vargas (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:
MODO, SPTO, CASJ, CALT, RCPA, CAQU, COHA, CORA, HOFI, RWBL, CATH, BARS, SOSP, BGGN, BUSH, western fence lizard, California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite
0630 G. Vargas shows me the work area. Crew working to clear transect line at approximately 34.192409 N 118.174606W.
0642 cleared work area. Crew starts working clearing majority of poison hemlock and mustard.
0704 G. Vargas informs me the crew is to take an hour long training after lunch for Natures Image. His is two hours long.
0819 crew member finds cottonwood tree with sap stains and small holes present. Marked tree in Fieldmaps with a generic point, sent photographs to Carley (ECORP).
0847 crew breaks.
0910 crew returns from break.
0940 I find more cottonwood trees in the area with sap and holes.
1048 crew breaks for lunch.
1140 crew returns from lunch and starts their virtual training for Natures Image.
1245 two crew members return to work. One crew member moves to irrigation tasks. G. Vargas still working on training.
1316 G. Vargas returns from training.
1322 crew breaks.
1340 crew returns.
1404 crew starts cleaning up for the day.
1425 left site.

Additional Comments
N/A

Signature

Restoration_area_before_weeding.jpg

Restoration_area_during_weeding.jpg

After_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: July 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	4-6 MPH	10 %
End of Day	14:30	87 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration monitoring
2. Tarps (7), hoes (4), hula hoes (2), rake (1), snips (1)
3. Gothic Landscape crew of 10 plus Juan 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, BEWR, CASJ, RCPA, NUWO, LEGO, ACWO, BGGN, AMCR, CORA, OCWA, YEWA, SPTO, COHA, HOFI, WEFL, WREN, SOSP, WTSW, CATH, MODO, SNEG, MALL, BASW, BTPI, BUSH, OATI, RTHA
Mammals: California ground squirrel, desert rabbit
Reptiles: western fence lizard, western whiptail
Invertebrates: cabbage white, western tiger swallowtail, dragonfly, skipper, asian lady beetle, blow fly, aphid, pallid winged grasshopper, harvester ant, honeybee, leaf hopper, hover fly, van dyke bumblebee, California digger bee, orb weaver, black tailed bumblebee, California bumblebee, mourning cloak, yellowjacket, katydid

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Arrived on site.
0650 Crew heads to southern end of site to beging non-native vegetation removal in DG-2. Two crew members work on irrigation maintenance.
0720 Observed two Anna's hummingbird fledglings about 10 feet from the nest being fed. One fledgling using an old nest as a perch.
0815 Observed house sparrow nest to determine status.
0900 Crew takes break.
0915 Crew returns to work in DG-2.
0920 Observed an adult quail with at least 10 fledglings.
0930 Crew targeting dodder.
0950 Observed barn swallow collecting nesting material.
1100 Observed 4 different bee species foraging on Distant phacelia.
1200 Crew takes lunch.
1230 Crew returns to work.
1300 Crew has been working south along the pedestrian path hitting DG-2 WOUS and the DG-2 new channels.
1325 Observed deceased American crow in DG-2 WOUS.
1400 Water technicians go to turn off the irrigation.
1430 Crew wraps up work for the day and throws away the last of removed vegetation.

Additional Comments
N/A

Signature

ANHU_fledglings_east_of_DG2_facingS.jpg
-118.17136635 34.19044983333333

DG2WOUS_vegetation_removed_facingN.jpg
-118.17282035000001 34.18862872222222

AMCR_deceased_DG2_newchannels_facingS.jpg
-118.17171302777778 34.1906726

Westernwhiptail_JohnsonField_facingS.jpg
-118.17105552777778 34.19190427777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: July 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	02:15	61 °F	0-3 MPH	10 %
End of Day	14:35	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive plant removal
2. Shovels, hoes, rakes
3. Natures Image, three man crew (Genaro Vargas, foreman) additional three man crew from other city

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
HOLA, CAQU, SPTO, RCPA, HOFI, YEWA, BEWR, BGGN, CALT, HOSP, CASJ, BHGR, ACWO, BCHU, MODO, Desert cottontail, Western fence lizard, Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite
0630 Genaro Vargas shoes me work area. Crew working in DG-W-2 & DG-4 pulling mostly poison hemlock. Approximately 34.192159 N, 118.174703 W
0653 area cleared. Crew starts working
0850 crew breaks
0916 crew returns to work
1046 crew breaks for lunch.
1135 crew returns from lunch.
1317 crew breaks.
1345 three-man crew returns. Additional city crew left for the day.
1355 observed coastal whiptail.
1413 crew starts cleaning up for the day
1435 left site.

Additional Comments
N/A

Signature

Before_facingSW.jpg

During_facingNE.jpg

Restoration_area_before_weeding.jpg

After2_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:09	64 °F	0-3 MPH	0 %
End of Day	14:41	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Resoration activities limited to the removal of non-native invasive plant species.
2) Equipment limited to the use of hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: Red-masked Parakeet, COHA, CALT, SPTO, CASJ, BHGR, HOFI, SOSP, LEGO, AMCR, KILL, OATI, BUSH, ALHU, ANHU, TUVU, BEWR, RTHA
Herps: Great Basin fence lizards, San Diegan tiger whiptail
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0610- ICF biologist on-site
0630- Gothic arrived and mobilized
0645- Gothic crew working on east side of Arroyo Seco. Starting with removing non-native invasive plant species in DG-3B and Side Slopes (Episotic Maintenance Areas).
0900- Crew on AM break.
0915- Crew back to work weeding in DG-3B and Side Slopes.
1200- Crew on lunch break.
1230- Crew back to work weeding along Side Slopes.
1420- Crew cleaning up 1
440- Gothic and ICF biologist leaving site

Additional Comments
N/A

Signature

Crew_compacting_disposed_material_facingSW.jpg
-118.17146341666667 34.19233025

Crew_removing_weeds_DG-3B_FacingNW.jpg
-118.17316765555556 34.18781551944444

Crew_removing_weeds_SideSlope_FacingW.jpg
-118.17323288888889 34.18801459722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: July 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	62 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive vegetation removal
2. Hoes, shovels
3. Natures Image, four man crew (Genaro Vargas foreman) plus four man Natures Image crew from other city

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
AMRO, WEBL, CASJ, SPTO, CAQU, BEWR, HOFI, MODO, California ground squirrel, RCPA, BCHU, LEGO, CALT, BGGN, NOMO, NRWS, COHA, Western fence lizard, Side blotched lizard, ATFL, Desert cottontail, Coastal whiptail RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0605 arrived onsite
0630 Genaro Vargas shows me work area for the day. Crew still continuing on working in DG-4 approximately 44.191886 N, 118.174889 W
0654 crew starts working pulling mostly poison hemlock
0849 crew breaks
0922 crew returns from break
0925 crew member finds an old nest in the floor. Directed to work around it. Dropped a point in field maps.
0936 crew member finds egg on the floor. No nest found in trees surrounding area. Marked point on map.
1050 crew breaks for lunch.
1140 crew returns from lunch
1305 reminded the crew their cart must stay on already made path. Cart was parked in undesignated area.
1321 crew takes second break.
1350 crew returns from second break. The crew from other city leaves for the day.
1409 crew starts cleaning for the day.
1430 left site

Additional Comments
N/A

Signature

Start_facingSW.jpg

During_facingE.jpg

During2_facingS.jpg

End_facingSE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	70 %
End of Day	14:25	88 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed vegetation clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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, MODO, SPTO, CASJ, ACWO, AMCR, Amazonia sp., BEWR, SOSP, ANHU, BHGR, HOFI, CAQU, desert cottontail, western fence lizard, HOOR, California ground squirrel, BLPH, RSHA, BGGN, RTHA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Crew started arriving.
0640 Genero showed me to the area where they'll be working in DG-4 and DG-W-2, and I began clearing the area.
0700 I finished clearing the area and alerted Genero. The crew arrived shortly after and began weeding. Target species: *Lepidium latifolium*, *Conium maculatum*, *Marrubium vulgare*, *Brassica nigra*. Method/tools: hand tools and hand pulling.
0855 Crew broke for first break.
0915 Crew returned from break.
1050 Crew broke for lunch.
1135 Crew returned from lunch.
1200 Added unknown_2 inactive nest point. Details in fieldmaps.
1325 Crew broke for second break.
1345 Crew returned from break.
1410 Crew began to wrap up for the day.
1425 Crew finished putting everything away and has left for the day.

Additional Comments
N/A

Signature

work_area_start_facing_SE.jpg
-118.17528583333333 34.19184694444444

work_area_during_facing_SE.jpg
-118.17526972222223 34.191844999999994

work_area_end_facing_SE.jpg
-118.17525972222222 34.191987777777776

work_area_side_after_facing_SW.jpg
-118.17508583333334 34.19156472222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: July 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	4-6 MPH	70 %
End of Day	14:40	82 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (6), hoes (4), buckets (2)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: CALT, CASJ, AMCR, SOSP, OATI, BEWR, CAQU, RSHA, BLPH, WEFL, SPTO, WREN, WBNU, RCPA, COHA, ANHU, MALL, DEJU, BUSH, YEWA, HUVI, YBCH, HOFI, MODO, CORA, HOWR, ALHU, ACWO, RTHA
Mammals: Desert cottontail, California ground squirrel
Reptiles: western fence lizard, side-blotched lizard
Amphibians: western toad
Invertebrates: yellow-faced bumblebee, orb weaver, skipper, aphid, honeybee, convergent lady beetle, cabbage white, pallid-winged grasshopper, yellow jacket, dragonfly, red admiral, cranefly, hoverfly, leaf hopper, blowfly, pale-lined angle, California digger bee, western tiger swallowtail, mourning cloak, California sister, harvester ant, van dyke bumblebee, lacewing, typical blues

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrived on site.
0640 Crew heads to south end of sight to being vegetation removal on the side slopes working their way north. Irrigation turned on and additional plantings watered.
0650 Observed Bewick's wren fledgling in DG-2.
0750 Observed yellow-breasted chat calling in DG-2.
0900 Crew takes break.
0915 Crew returns to work.
1020 Observed yellow warbler gleaning.
1100 Observed Allen's hummingbird fledgling being fed near the nest.
1130 Crew working into DG-2 along with the side slopes.
1200 Crew takes lunch.
1230 Crew returns to work.
1430 Crew finished side slopes and part of DG-2 adjacent to the side slopes. Irrigation turned off.
1440 Removed vegetation placed in dumpster.

Additional Comments
N/A

Signature

Sideslopes_pre_vegetation_removal_facingE.jpg
-118.17284651944445 34.18961377777777

Sideslopes_vegetation_removed_facingE.jpg
-118.17284486944445 34.189606194444444

Sideslopes_post_vegetation_removal_facingE.jpg
-118.17283628888889 34.18961125

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	65 °F	0-3 MPH	25 %
End of Day	14:30	91 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activity limited to the removal of non-native invasive plant species.
2). Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus Foreman Juan.

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: AMCR, CALT, ALHU, CASJ, SPTO, Red-masked Parakeet, COHA, RTHA, BLPH, ATFL, PSFL, CAQU, BUSH, MODO, NUWO, ACWO, OATI, WREN, BEWR, SOSP, ANHU
Herps: Great Basin fence lizard, San Diegan tiger whiptail
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived
0630- Gothic arrived and mobilized.
0640- Crew removing non-native invasive plant species in DG-8.
0900- Crew on AM break.
0915- Crew back to work removing non-native invasive plant species within DG-2, DG-8, and west side of DG-W-1.
1200- Crew on lunch break.
1230- Crew removing non-native invasive plant species within and adjacent to north end of DGW-2
1420- Crew cleaning up and disposing of collected material.
1435- Gothic crew and ICF biologist leaving the site.

Additional Comments
N/A

Signature

Crew_AM_Tailgate_JohnsonField_FacingS.jpg
-118.17142659722222 34.19231530555555

Crew_removing_weeds_DG-8_FacingSW.jpg
-118.17155451111111 34.19253293055555

Gothic_crew_member_weeding_FacingN.jpg
-118.171912611111111 34.191417055555554

Crew_weeding_DG-W-2_facingW.jpg
-118.17080787222223 34.191761138888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	66 °F	0-3 MPH	30 %
End of Day	14:25	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation weed clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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, CASJ, MODO, CALT, AMCR, RTHA, SPTO, CAQU, BEWR, BLPH, Amazonia., HOFI, ACWO, CAKI, CATH, BHGR, BGGN, ATFL, NRWS, whiptail sp., western fence lizard, California ground squirrel.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0640 I began clearing the area where they will continue to work in DG-4 and DG-W-2.
0700 I deactivated BHGR_1. Details in fieldmaps.
0710 I finished clearing the area, alerted the crew, and the began work shortly after. Target species: *Conium maculatum*, *Brassica nigra*, *Verbascum thapsus*, *Lepidium latifolium*. Method/tools: hand pulling and hand tools.
0850 Crew broke for first break.
0915 Crew returned from break.
1055 Crew broke for lunch.
1150 Crew returned from lunch.
1325 Crew broke for second break.
1345 Crew returned from break.
1410 Crew began wrapping up for the day.
1425 Crew finished putting everything away and have left for the day.

Additional Comments
N/A

Signature

work_area_start_facingE.jpg
-118.17476694444444 34.19208083333333

work_area_during_facingE.jpg
-118.1747288888889 34.19206777777777

work_area_end_facingE.jpg
-118.17472583333334 34.19207194444444

side_area_end_facingNE.jpg
-118.17494194444446 34.19166194444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	64 °F	0-3 MPH	0 %
End of Day	13:50	93 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to removal of non-native invasive plant species.
2). Restoration equipment limited to hand tools, particularly hoes.
3). Gothic crew comprised of 10 men plus foreman Juan.

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, BHGR, RTHA, CASJ, CAQU, LEGO, HOFI, AMCR, PSFL, SPTO, ACWO, COHA, NUWO, ALHU, NRWS, Red-masked Parakeet, ANHU
Herps: Great Basin fence lizard, San Diegan tiger whiptail
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- ICF Biologist arrived at Johnson Field staging area.
0630- Gothic crew arrived and mobilized.
0640- Crew removing non-native invasive plant species along the east side of DG-W-1.
0900- Crew on AM break.
0915- Crew removing non-native invasive weeds along south end of DG-W-1.
1000- Crew now removing weeds around the center of DG-W-1.
1200- Crew on lunch break.
1230- Crew removing non-native invasive plant species within the interior of DG-W-1.
1340- Crew cleaning up and disposing of removed material.
1350- Gothic crew and ICF biologist leaving site.

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-W-1_FacingSW.jpg
-118.17071966666667 34.191795388888885

Crew_removing_weeds_DG-W-1_facingW.jpg
-118.17151336111111 34.19082014722222

Crew_removing_weeds_DG-W-1__FacingS.jpg
-118.17188138888889 34.19153234444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	66 °F	0-3 MPH	0 %
End of Day	14:15	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed vegetation clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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, MODO, HOOR, SPTO, CASJ, Amazonia sp., BEWR, CAQU, SOSP, RSHA, BHGR, BUSH, HOFI, RTHA, WTSW, ACWO, raccoon.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0640 I began clearing the area in DG-4 and DG-W-2 they are continuing in from yesterday.
0700 I finished clearing the area, alerted the crew, and they began work shortly after. Target species: *Conium maculatum*, *Brassica nigra*, and *Lepidium latifolium*. Method/tools: hand pulling and hand tools.
0855 Crew broke for first break.
0920 Crew returned from break.
1055 Crew broke for lunch.
1145 Crew returned from lunch.
1325 Crew broke for second break.
1350 Crew returned from second break.
1400 Crew began wrapping up for the day.
1415 Crew has finished putting everything away and left for the day.

Next week the crew will continue where they were working in DG-4. Irrigation maintenance will also continue.

Additional Comments
N/A

Signature

work_area_start_facingE.jpg
-118.17465777777778 34.192076944444445

work_area_during_facingE.jpg
-118.17462388888889 34.19207583333333

work_area_end_facingE.jpg
-118.17467277777779 34.19206388888889

side_view_end_facingNW.jpg
-118.17447194444445 34.19210694444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	15:00	94 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

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:
Bird: Wrentit, Californica Scrub Jay, House Wren, Bewick's Wren, Oak Titmouse, Anna's Hummingbird, Acorn Woodpecker, Ash-throated Flycatcher, American Crow, Sharp-shinned Hawk, Northern Mockingbird, Black-headed Grosbeak, Spotted Towhee, Bushtit, Blue-grey Gnatcatcher, Red-crowned Parrot, Yellow Warbler, California Quail, Lesser Goldfinch, Hooded Oriole, Phainopepla, Common Raven, Red-tailed Hawk, Red-shouldered Hawk, Cassin's Kingbird, California Towhee, Killdeer, Cliff Swallow
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
0730 - Walked DG-2 and Johnson Field searching for new nests or any problematic weed areas
0800 - Found small Arundo growing in DG-2
0830 - Spoke with ECORP monitor for dredging crew
0900 - Gothic crew break
0915 - Showed Gothic crew lead Juan to the Arundo and indicated to keep an eye out out for any more and to pull on sight
1145 - Gothic crew broke for break
1230 - Observed dredging work to watch for any potential biological constraints
All day - Crew weeded along the north and east ends of Johnson Field

Additional Comments
Biologist found a small Arundo donax growing in a blackberry patch within DG-2. Area should be monitored to ensure no resprouting occurs and stay vigilant for other specimens that may be in the area. Location was marked on map with general point.

Signature

Crew_weeding_Johnson_Field.jpg
-118.17181527222223 34.19119290833333

Small_arundo_found_in_DG-2.jpg
-118.17223037777778 34.19014134166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	15:00	94 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

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:
Bird: Californica Scrub Jay, California Towhee, Blue-grey Gnatcatcher, Black-headed Grosbeak, House Finch, Cassin's Kingbird, Red-crowned Parrot, Oak Titmouse, Black Phoebe, Lesser Goldfinch, Spotted Towhee, Yellow Warbler, Wrentit, California Quail, Anna's Hummingbird, Nuttall's Woodpecker, Acorn Woodpecker, Song Sparrow, Ash-throated Flycatcher, American Crow, Common Raven, Turkey Vulture, Mourning Dove, Bewick's Wren, Northern Flicker, House Wren, Northern Mockingbird, Red-tailed Hawk
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
0730 - Walked the lower end of DG-2 looking for any nests or problematic weed locations
0915 - Gothic crew broke for break
1145 - Gothic crew broke for lunch
All day - Crew weeded along the north and east end of Johnson Field and DG-2

Additional Comments

Signature

Weeds_removed_from_Johnson_Field.jpg
-118.17098672222222 34.19101194444444

Dredging_work.jpg
-118.17257716666667 34.19096641666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	68 °F	0-3 MPH	15 %
End of Day	14:35	92 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration irrigation maintenance.
2. Irrigation hand tools,
3. 3, Nature's Image, Genero.

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, MODO, CATH, CAQU, CASJ, Amazonia sp., ALHU, AMCR, CALT, BUSH, HOFI, NUWO, ACWO, CAKI, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625 I arrived onsite.
0700 Crew began doing irrigation maintenance in DG-4, DG-4A, and DG-4 WOUS while I monitored them. Tools: irrigation hand tools.
0855 Crew broke for first break.
0920 Crew returned from first break.
1050 Crew broke for lunch.
1135 Crew returned from lunch. Crew is now focusing on DG-W-2 (Mining pit), DG-W-2 (Mining pit outlet), DG-4, DG-4A, and Tire wash.
1330 Crew broke for second break.
1350 Crew returned from second break.
1420 Crew started wrapping up for the day.
1435 Crew have finished putting everything away and left for the day.

Additional Comments
N/A

Signature

irrigation_line_check_facingWSW.jpg
-118.17298277777778 34.19257472222222

irrigation_line_plugging_hole_facingW.jpg
-118.17398388888889 34.192539999999994

chewed_line_repair_before_facingW.jpg
-118.17484694444445 34.19049277777778

chewed_line_repair_after_facingW.jpg
-118.17488 34.19051083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: July 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	70 °F	0-3 MPH	10 %
End of Day	14:50	92 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (6), hoes (5), hula hoes (2), rake (2), snips (4)
3. Gothic Landscape crew of 10 plus Juan 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, ANHU, WREN, BUSH, AMCR, BLPH, CASJ, CAQU, HOFI, BHGB, BGGN, ATFL, BEWR, MODO, SPTO, YEWA, SONG, BARS, ALHU, LEGO, COHA
Mammals: desert cottontail
Reptiles: western fence lizard, western whiptail
Invertebrates: carpenter bee, dragonfly, harvester ant, honeybee, cabbage white, hover, western tiger swallowtail, orb weaver, red admiral, yellow-faced bumblebee, dragonfly, blowfly, gulf fritillary, prey mantis, katydid, gray buckeye, California sister,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew on site.
0650 Crew heads to the south end of DG-2.
0655 Observed juvenile Acorn Woodpecker with visible downy on electrical pole.
0725 Crew moving into DG-2B removing non-natives along trail, guiding native vines away from trail, and raking leaves from trail into restoration area. Irrigation turned on.
0800 Additional plantings being watered with buckets.
0830 Crew moved into southwest of DG-2 working north.
0900 Crew takes break.
0915 Crew returns to work.
1000 Worker removes chicken wire from base of mulefat that was cutting into its branches.
1200 Crew takes lunch.
1230 Crew returns to work.
1355 Observed Allen's Hummingbird fledgling foraging in an oak tree.
1440 Crew wrapping up work for the day.

Additional Comments
N/A

Signature

DG-2_vegetation_removed_facingN.jpg
-118.17223308888889 34.189395749999996

DG2B_pre_vegetation_removal_facingS.jpg
-118.17238123055556 34.18882823055555

DG2B_post_vegetation_removal_facingS.jpg
-118.17236141111111 34.18890648055555

ANHU_fledgling_DG2WOUS_facingW.jpg
-118.17150506944445 34.19056775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: July 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	73 °F	0-3 MPH	0 %
End of Day	14:05	96 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew, crew lead 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, MODO, CAQU, CALT, BEWR, ANHU, BGGN, CASJ, SOSP, HOFI, SPTO, AMCR, WTSW, CLSW, NOMO
Western fence lizard, side-blotched lizard, coastal whiptail California ground squirrel, wood rat

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Arrive on site
0645 Began sweep of work area (DG-4, east of staging area).
0655 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.
0700 Nature's Image crew begins weed abatement activities.
- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) and short pod mustard (*Hirschfeldia incana*) while leaving native species intact.
1220 Crew begins carrying tarps full of weeds out to staging area to be placed in the dumpster.
1400 Dumpster arrives on site and crew begins loading weeds into dumpster. No more weed pulling will be done today.
1405 Depart site

Additional Comments
N/A

Signature

DG-4_before_facingE.jpg
-118.17444647222223 34.192058519444444

DG-4_during_facingE.jpg
-118.17445141666667 34.19208034444444

DG-4_after_facingE.jpg
-118.17446476388889 34.192077624999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: July 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	15:00	98 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☑ Yes ☐ No
Yellow warbler, yellow-breasted chat

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUTI NOMO CAKI SAPH LEGO CAQU RSHA OCWA AGOL BARS CLSW NAWA CATH MIPA BGGN EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO BEWR CEWA WEME RCKI SPTO NOFL AMRO WEBL KILL SNEG AMKE CANG WBNU COHA EUST Red Crowned Parrot OCWA YWAR BHGR YBCH WTSW WETA BUOR BHGR
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert Cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in Johnson Field.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Johnson Field.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_species_removal_Johnson_Field_facingW.jpg

Nonnative_removal_efforts.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: July 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	71 °F	0-3 MPH	0 %
End of Day	14:15	92 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: BGGN, SPTO, CASJ, ANHU, AMCR, CALT, BEWR, SOSP, NUWO, BCHU, HOFI, YEWA, ACWO, RSHA, CATH, WREN, CAQU, CLSW, KILL, HOOR, RTHA, BASW, LEGO, COYE, MODO, BLPH, WTSW, NOMO, OATI,
Amphibians: western toad
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals within Johnson Field and greater DG-2 on the east portion of the site.
0700: LADPW begins dredging operations within the reservoir.
0730: Monitored activity at the BHGR nest discovered earlier in the week. Both adults vocalizing in area around nest and the female returned to the nest after 15 min of observation.
0815: Some of the crew focuses on trimming overhanging willow branches and mule fat that's overgrown the access paths throughout DG-2.
0900: Crew takes a break.
0915: Crew resumes work in Johnson Field and works westward.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas.
1415: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

LADPW_dredging_facingS.jpg
-118.17257865277779 34.19087580555555

Vegetation_trimmings_DG-2_facingN.jpg
-118.17246606388889 34.19008990833333

Dredging_by_DG-1_facingW.jpg
-118.17128563333334 34.19298527777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: July 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	71 °F	0-3 MPH	0 %
End of Day	14:25	93 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed vegetation clearing.
2. Hand tools,
3. 3, Nature's Image, Genero.

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, CAQU, AMCR, CASJ, HOFI, ANHU, NUWO, Amazonia sp., BEWR, BUSH, SOSP, and CALT.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625 I arrived onsite.
0645 I started clearing the area in DG-4 from yesterday where they'll continue working.
0700 I finished clearing the area, alerted the crew, and they began working shortly after. Target species: *Conium maculatum*, *Lepidium latifolium*, and *Brassica nigra*. Method/tools: hand pulling and hand tools.
0855 Crew broke for first break.
0915 Crew returned from break.
1050 Crew broke for lunch.
1145 Crew returned from lunch.
1325 Crew broke for second break.
1350 Crew returned from second break.
1415 Crew started wrapping up for the day.
1425 Crew finished putting everything away and is done for the day.
Next week: Continue to weed in DG-4 and DG-4A. Irrigation maintenance will also continue.

Additional Comments
N/A

Signature

work_area_before_facingNE.jpg
-118.17409583333334 34.191824999999994

work_area_after_facingNE.jpg
-118.17407694444445 34.19188388888889

work_area_2_before_facingNE.jpg
-118.174215 34.19186277777777

work_area_2_after_facingNE.jpg
-118.17420583333333 34.19182277777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: July 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	0 %
End of Day	14:30	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
CASJ, CALT, AMRO, SOSP, BEWR, ACWO, SPTO, BGGN, HOFI, ANHU, NUWO, BLPH, HOWR, BUSH, CAQU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived on site.
0630: Checked in with Genaro. Started nesting bird survey in DG-W-2 (34.192442°N 118.174588°W).
0700: Finished nesting bird survey. Cleared crew to start working. Monitored wildlife activity in the area.
1100-1130: Lunch.
1130: Continued monitoring wildlife activity.
1415: Crew started cleanup for the day. Updated project manager.
1430: Left site.

Additional Comments
N/A

Signature

20240729_workareabefore_facingSE.jpg
-118.17460008333333 34.192440930555556

20240729_workareaafter_facingSE.jpg
-118.17455741666667 34.1924785

20240729_workareaafter2_facingN.jpg
-118.17459183333334 34.192409149999996

20240729_workareaafter3_facingSE.jpg
-118.17458858333333 34.1924

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: July 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? ☑ Yes ☐ No
Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? ☐ Yes ☑ No

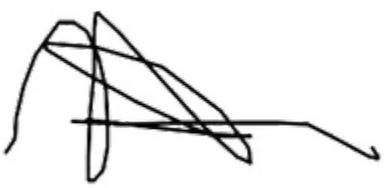
List of species observed while monitoring:
Bird: Californica Scrub Jay, California Towhee, Anna's Hummingbird, Spotted Towhee, Nuttall,s Woodpecker, House Wren, Acorn Woodpecker, Black-headed Grosbeak, Bewick's Wren, Blue-grey Gnatcatcher, Yellow Warbler, Wrentit, Red-crowned Parrot, Yellow-breasted Chat, Allen's Hummingbird, Song Sparrow, California Thrasher, California Quail, Lesser Goldfinch, Mourning Dove, Cassin's Kingbird
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0730: Heard brief, yellow-breasted chat vocalizing S of Johnson Field, no further visual or auditory observations were made.
0800: Walked S end of DG-2 and slopes where current and subsequent weeding will occur.
0930: Gothic crew broke for break.
1145: Gothic crew broke for lunch.
All day - Crew weeded the south end of DG-2 and along the lower slopes

Additional Comments

Signature



Ongoing_dredging_work.jpg
-118.17288662777779 34.18876517499999

Crew_weeding_lower_slopes.jpg
-118.17288843611112 34.18876933333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	0 %
End of Day	14:40	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus Foreman Juan.

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: Red-masked Parakeet, BEWR, CALT, AMCR, ANHU, CASJ, SPTO, BUSH, PSFL, BARS, NRWS, ACWO, NUWO, HOFI, LEGO, BLPH, OATI, BHGR, WREN
Herps: Great Basin fence lizard, San Diegan Tiger whiptail.
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- ICF biologist arrived.
0630- Gothic crew arrived and mobilized.
0640- Gothic crew removing non-native invasive plant species. Crew starting in DG-3A.
0900- Crew on AM break.
0915- Crew back to work removing weeds at DG-3A.
1200- Crew on lunch break.
1230- Crew back to work weeding. Now working along west side of DG-2.
1430- Crew cleaning up and disposing of removed material.
1440- Gothic and ICF biologist leaving the site.

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-3A.jpg
-118.17258738055556 34.18791419444444

Gothic_Crew_Removing_Weeds_DG-3A.jpg
-118.17292534444445 34.18738858333333

Crew_removing_weeds_DG-2.jpg
-118.17248875 34.19006848055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: July 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:17	60 °F	0-3 MPH	0 %
End of Day	14:33	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants, irrigation
2. Hand tools
3. Nature's 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:
SOSP, BEWR, CALT, HOFI, ACWO, AMRO, BHGR, ANHU, CAQU, WREN, CASJ, MODO, COHA, RSHA, CAKI, California ground squirrel, Desert cottontail, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Genaro. Started nesting bird survey in DG-4 (34.192568°N 118.174520°W)
0700 no nesting activity observed. Cleared crew to start working. Monitored wildlife activity in the area.
1015 crew finished in current work area, moved south to DG-4 (34.191827°N 118.173957°W).
1045 crew headed to cars for lunch.
1100-1130 lunch.
1145 crew returned to work area, continued removing nonnatives. Monitored wildlife activity in the area.
1325 crew headed to cars for afternoon break.
1350 crew returned to the work area and started weeding.
1415 crew started cleaning up. Took end of day photos. Updated next day's monitor and project manager.
1430 left site.

Additional Comments
N/A

Signature

20240730_workareabefore_facingW.jpg
-118.17440811111112 34.192462166666665

20240730_workareaafter_facingW.jpg
-118.17438766666668 34.192505266666664

20240730_workareabefore_facingNE.jpg
-118.17407568611111 34.19182698611111

20240730_workareaafter_facingNE.jpg
-118.17406313055557 34.191831611111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: July 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:47	62 °F	0-3 MPH	0 %
End of Day	14:20	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Habitat restoration (weeding)
2. Hand tools
3. Genaro (foreman)

Did you observe any special-status species? ☑ Yes ☐ No
Least Bell's vireo

Were any least Bell's Vireo detected? ☑ Yes ☐ No
Heard LBVI vocalizing in the north western portion of the work area in DG-4. Sounds like one adult and is potentially traveling through. No visual sighting.

List of species observed while monitoring:
Western Honeybee, Checkered-White, B. californicus, Swallowtail sp., Red Admiral, Sulphur sp., Mourning Cloak, Cabbage White, Western Yellowjacket, Vanessa sp. Side-Blotched Lizard, Western Fence Lizard, Coastal Whiptail CORA, AMCR, CALT, CAQU, NUWO, CASJ, ACWO, Amazona sp., HOFI, PSFL, BGGN, WREN, OATI, ALHU, LEGO, BLPH, CAKI, SOSP, RSHA, TRSW, BUSH, LBVI, WEBL, SPTO, GTGR, MODO, NRWS, COHA, California Ground Squirrel, Desert Cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went to survey Ph-9 and Ph-10 in DG-4.
0715- Crew started work in DG-4. They are removing pepper weed, hemlock and mustard.
0845- Heard LBVI vocalizing northwest of the work area. Crew also is taking a break as well. Having crew shift southeast.
0915- Crew resumed work and shifted southeast of the LBVI.
1100- Crew stopped for lunch.
1145- Crew resumed work after lunch.
1325- Crew stopped for a break.
1345- Crew resumed work after talking break.
1420- Crew finished for the day.

Additional Comments
N/A

Signature

Work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Work_area_end_of_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: July 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	61 °F	0-3 MPH	0 %
End of Day	14:35	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal and disposal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus Foreman Juan.

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: Red-masked Parakeet, NOMO, AMCR, WREN, BUSH, CALT, HOFI, CAQU, LEGO, ACWO, CASJ, NUWO, WEBL, BLPH, TUVU, SPTO, BEWR, CAKI, ANHU, ALHU, BARS
Herps: Great Basin fence lizard, San Diegan tiger whiptail
Mammals: California ground squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625- ICF biologist arrived.
0630- Gothic crew arrived and mobilized.
0640- Gothic crew removing non-native invasive plant species on the east side of Arroyo Seco, northwest of Johnson Field in DG-8.
0900- Crew on AM break.
0915- Crew back to work in DG-8.
1200- Crew on lunch break.
1230- Crew back removing non-native invasive plant species from DG-8.
1420- Crew cleaning up and disposing of weed material.
1435- Crew and ICF biologist leaving site.

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-8_FacingS.jpg
-118.1715264 34.19260422222222

Crew_removing_weeds_DG-8_FacingN.jpg
-118.17141983333333 34.192881625

Crew_removing_weeds_DG-8_FacingNE.jpg
-118.17093884444445 34.19368658333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	64 °F	0-3 MPH	5 %
End of Day	14:30	89 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
CAQU, SPTO, CALT, CASJ, WREN, YRWA, SOSP, CATH, MODO, ANHU, desert cottontail, coyote, California ground squirrel, side-blotched lizard, western fence lizard, rattlesnake, western tiger swallowtail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Genaro. Started nesting bird survey in DG-4.
0700 no nesting activity observed, cleared crew to start working. Monitored wildlife activity and ensured crew stayed away from where LBVI was heard yesterday.
0845 crew headed to cars for morning break.
0915 crew returned to work area from break.
1035 crew found a rattlesnake by an irrigation box. Advised crew to work in a different area (slightly north).
1055-1135 lunch
1135 continued monitoring wildlife activity in the area.
1320 crew left work area for their afternoon break.
1350 crew returned to work area.
1415 crew started cleaning up for the day.
1430 updated ECORP project manager. Left site.

Additional Comments
N/A

Signature

20240801_workareaat0845_facingSW.jpg
-118.17517340277779 34.19046856666667

20240801_work_area_end_of_facingSW.jpg
-118.17490887222223 34.19029866666666

20240801_work_area_end_of_day2_facingW.jpg
-118.17495488888889 34.190205266666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: August 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	14:42	85 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (6), hoes (7), hula hoes (2), rakes (1)
3. Gothic Landscape crew of 10 plus Juan 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, ALHU, BEWR, ACWO, WREN, AMCR, CASJ, CAQU, LEGO, YEWA, MODO, RSHA, OATI, BUSH, ANHU, BARS, RTHA, CAKI, CORA, BTPI, NUWO
Mammals: coyote, desert cottontail, California ground squirrel
Reptiles: western fence lizard, side-blotched lizard
Invertebrates: harvester ant, dragonfly, monarch butterfly, western tiger swallowtail, cabbage white, honeybee, typical blues, robber fly, sulphurs, hoverfly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Arrived on site.
0640 Observed coyote calling from riverbed looking west then running south. Crew heading to work in DG-1 working N. Irrigation being turned on.
0700 Informed sediment removal bio monitor of coyote.
0850 Observed monarch butterfly.
0900 Crew takes break.
0915 Crew returns to work.
1030 Observed hooded oriole nest no longer securely attached to sycamore. Most likely fledged.
1100 Observed flock of bushtits foraging in oak tree arpund approximate nest location.
1157 Observed monarch butterfly.
1200 Crew takes lunch.
1230 Crew returns to work.
1325 Two crew members go to turn off irrigation.
1418 Started sprinkling.
1435 Crew heads to dumpster to throw away removed vegetation.

Additional Comments
N/A

Signature

Coyote_calling_in_river_bed_facingW.jpg
-118.17153581944444 34.19248833333333

DG1_pre_vegetation_removal_facingN2.jpg
-118.16990541944445 34.194826

DG1_vegetation_removed_facingNW.jpg
-118.16975190000001 34.194955916666665

DG1_post_vegetation_removal_facingN2.jpg
-118.16990328888889 34.19490528888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: August 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	14:01	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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, BEWR, HOFI, CAQU, CASJ, LEGO, CATH, WREN, ECDO, ALHU, CORA, ANHU, BGGN, OATI, RCPA, BUSH, BARS, TUVU, BLPH, RTHA, SPTO, ACWO, NOMO, HOOR
Amphibians: N/A
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, fox squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site. Work today will consist of non-native weed removals within DG-1 at the far north end of the mitigation site.
0715: LADPW begins dredging operations within the reservoir.
0900: Crew takes a break.
0915: Crew resumes work in DG-1 and moves northward.
1100: Juan let me know that the contractor performing the dredging had switched the water meter such that the crew was using Gothic's water to wet the dredging area. This may have occurred from approximately 0645 until 11 with the contractor using Gothic's water. Juan spoke to the contractor's crew members and made them switch the water meter so that the hose was rerouted to their supply. I spoke to Carley (ECORP) and informed her of the situation. She advised that ICF inform the county of what happened, and the County will remind and direct the contractor not to use Gothic's water meter.
1200: Gothic crew takes lunch break. 1
230: Resumes weed removal in same work areas progressing further northward to the end of DG-1.
1400: Gothic crew finishes work for the day and demobilzes.

Additional Comments
N/A

Signature

Weed_removal_DG-1_facingN_.jpg
-118.16891810833334 34.19556068055555

LADPW_begins_dredging_facingSW.jpg
-118.171325075 34.19297083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:16	71 °F	0-3 MPH	5 %
End of Day	14:17	94 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
BGGN, BEWR, BUSH, SPTO, SOSP, CALT, BLPH, ANHU, HOFI, CAQU, MODO, CASJ, ACWO, Desert cottontail, Western fence lizard, Side-blotched lizard

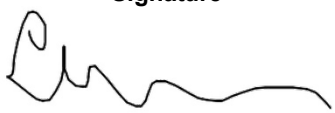
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Genaro. Started nesting bird survey in DG-4 (34.190158°N 118.175081°W).
0700 no nesting activity observed. Cleared crew to start working. Monitored wildlife activity in the area.
0845 crew headed to cars for their morning break.
0915 crew returned to the work area.
1020 crew found an empty ground nest. Either inactive or in nest building stage. Had crew move to a different area and watched nest for activity.
1100-1130 lunch
1145 no bird activity observed at the nest, determined to be old / inactive, informed crew.
1400 crew started cleaning up.
1415 updated Monday bio monitor and project manager. Left site.

Plan for next week: Continue to weed in DG-4 and DG-4A. Irrigation maintenance will also continue.

Additional Comments
N/A

Signature



20240802_workareabefore_facingSW.jpg
-118.17503118055556 34.190196377777774

20240802_workareabefore2_facingS.jpg
-118.17519023333334 34.190184305555555

20240802_work_area_end_of_day_facingSW.jpg
-118.17497872222222 34.190194722222216

20240802_work_area_end_of_day2_facingS.jpg
-118.17511315 34.190193736111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: August 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	10 %
End of Day	14:20	99 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration. Removing hemlock, pepperweed, mustard from DG-4A
2. Hand tools, work truck
3. Nature's Image

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:
SPTO, CASJ, BEWR, CALT, BLPH, KILL, ANHU, LEGO, SOSP, BUSH, BGGN, HOFI, YEWA, ACWO, MODO, RSHA, CORA, CAQU, NUWO, Western fence lizard, Coastal whiptail, California ground squirrel, Cottontail rabbit

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- on site. Walked with Genaro to the work area. Working in DG-4A, mostly clearing pepperweed and hemlock
0650- work area clear, crew beginning work.
0800- continue working in DG-4A, mostly pulling from large stands of dead pepperweed
0830- crew break
0850- return to work. Continue pulling dry pepperweed and hemlock in southern section of DG-4A
1040- begin cleaning up work area before lunch
1200- return to work. Removing dried mustard from northern section of DG-4A
1330- crew break
1445- return to work. Will not be pulling more weeds. Cleaning up site and removing pulled vegetation from work area.
1400- depart site

Additional Comments
N/A

Signature

photo_1-DG-4A_work_area_before_removal_facingS.jpg

photo_2-pepperweed_removal_facingSSE.jpg

photo_3-removed_vegetation_facingSW.jpg

photo_4-mustard_removal_facingESE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	73 °F	0-3 MPH	25 %
End of Day	15:00	100 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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:
Bird: California Scrub Jay, California Towhee, Anna's Hummingbird, Spotted Towhee, Nuttall's Woodpecker, California Thrasher, Red-tailed Hawk, California Quail, Bewick's Wren, Blue-gray Gnatcatcher, Yellow Warbler, Mourning Dove, Lesser Goldfinch, Bushtit, Allen's Hummingbird, Acorn Woodpecker, House Finch, Oak Titmouse, Song Sparrow, Black-headed Grosbeak, Red-shouldered Hawk, Cassin's Kingbird, Black Phoebe
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
0630: Walked and scanned the portion of DG-4 the crew was planning to work in prior to work starting.
0730: Found a small beehive in one of the irrigation boxes located along the trail in DG-4; spoke with crew lead Juan who informed me that there were a few others scattered throughout the area. Location was marked on the field maps as a hazard and relevant parties were notified.
0915: Gothic crew broke for break.
1000: Walked to the east side to scan for nests and/or any weed issues.
1145: Gothic crew broke for lunch.
1400: Truck arrived to replace vegetation disposal bin on the west side.

All day - Crew weeded the southern end of the "Gotchic Area" DG-4 section moving north.

Additional Comments

Signature

Crew_weeding_DG4.jpg
-118.17489587777779 34.19317033333333

Beehive_in_irrigation_box.jpg
-118.17431747222223 34.19382752777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: August 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	15 %
End of Day	15:00	100 °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.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, LEGO, AGOL, BARS, CLSW, MIPA, NUWO, BTPI, DEJU, CAQU, TUVU, WEME, SPTO, NOFL, AMRO, RSHA, WEBL, KILL, SNEG, MAKE, CANG, WBNU, COHA EUST, RUDU, WTSW, BUOR
Reptiles: western fence lizard
Mammals: California ground squirrel, Desert cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-W-2.
1200: Crew breaks for lunch. 1
230: Crew continues invasive species removal in DG-W-2.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-W-2_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	69 °F	0-3 MPH	15 %
End of Day	14:05	97 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive vegetation removal
2. Weed whackers, hoes, shovels
3. Natures Image; six man crew (Genaro Vargas: foreman), additional seven man 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:
AMRO, CALT, BEWR, HOOR, WREN, SOSP, BARS, CAQU, SPTO, AMCR, ALHU, RCPA, western toad, western honey bee, turantula hawk, white cabbage, western tiger swallowtail, MODO, side-blotched lizard, CASJ, RTHA, coastal whiptail, COHA, western fence lizard, BGGN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived onsite
0630 G. Vargas shows me work area. Crew working in DG-4 starting at approximately 34.190459 N, 118.174717 W moving north. He asks me about use of weed whackers, I give the okay but tell them perennial pepperweed can't be removed that way (only by hand pulling).
0650 area cleared. Crew is in a meeting.
0706 crew starts pulling mainly perennial pepperweed.
0709 relocated 2 western toads.
0729 crew finds palo verde. I tell them to pull it.
0741 crew finds beehive. I mark a hazard point in Fieldmaps.
0830 talked with Carley Adams (ECORP) about palo verde tree and perennial pepperweed. Crew is to pull perennial pepperweed if pullable, and palo verde tree is to be cut down with chain saw. She shows me area of patch of tree of heaven to be removed as well.
0839 crew finds makeshift, unmarked wildlife trap. I mark a point in Fieldmaps and throw cage away per Lauren Simpson (ECORP) instruction.
0844 crew breaks.
0917 crew back from break.
0958 crew stops cutting palo verde due to a wasp nest in ground under tree. I mark a hazard point in Fieldmaps.
1045 crew breaks for lunch.
1136 crew returns from lunch.
1316 crew breaks.
1337 crew returns
1400 crew wraps up for the day
1415 left site

Additional Comments
N/A

Signature

Before_facingN.jpg

During_work.jpg

After_facingN.jpg

Found_trap.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: August 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	71 °F	0-3 MPH	0 %
End of Day	14:40	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to removing invasive weeds.
2) equipment limited to hand tools, particularly hoes.
3) Gothic crew of 10 men plus Foreman Juan

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, LEGO, ECDO, MODO, ACWO, AMCR, CASJ, CALT, SOSP, NUWO, RTHA, TUVU, SPTO
Herps: Great Basin fence lizard
Mammals: California ground Squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615- ICF biologist arrived at restoration staging area located on the west side of the Arroyo Seco.
0630- Gothic crew arrived at the staging area.
0640- Crew removing non-native invasive plant species on the west side of the Arroyo Seco in DG-W-2.
0900- Crew on AM break.
0915- Crew back to work weeding in DG-W-2.
1200- Crew on lunch break.
1230- Crew back to work removing weeds DG-W-2.
1425- crew cleaning up and disposing of material.
1440- Crew and ICF biologist leaving the site

Additional Comments
N/A

Signature

Crew_removing_weeds_DG-W-2_FacingNW.jpg
-118.17407427777778 34.19240394444444

crew_collecting_material_DG-W-2_FacingNW.jpg
-118.17385793611112 34.19259883333333

Crew_removing_weeds_DGW2_FacingW.jpg
-118.17425555555556 34.19245559444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	71 °F	0-3 MPH	10 %
End of Day	14:20	87 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
AMCR, SOSP, CALT, HOFI, BEWR, AMRO, BLPH, WREN, ACWO, MODO, NRWS, CASJ, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Genaro. Started nesting bird survey in DG-4A (34.190723°N 118.175096°W).
0700 no nesting activity observed. Cleared crew to start working. Monitored removal of pepperweed with hand tools.
1100-1130 lunch
1130 continued monitoring nonnative plant removal.
1415 crew started cleaning up. Updated tomorrow's bio monitor. Left site.

Additional Comments
N/A

Signature

20240807_workareabefore1_facingNW.jpg

20240807_workareabefore2_facingNW.jpg

20240807_workareaafter1_facingNE.jpg

20240807_workareaafter_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: August 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	66 °F	0-3 MPH	25 %
End of Day	14:55	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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, BEWR, HOFI, CAQU, CASJ, LEGO, CATH, WREN, ECDO, ALHU, CORA, ANHU, BGGN, OATI, RCPA, BUSH, BARS, TUVU, BLPH, RTHA, SPTO, ACWO, NOMO, HOOR, AMCR, OCWA
Amphibians: N/A
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals within DG-W-2 and DG-4 on the west side of the basin.
0645: Juan and several workers drive to the east side of the basin to turn on the water meter for the plants.
0700-0800: Inspected last three remaining nests found by ICF biologists throughout DG-4. All nests are now considered inactive, and the Field Maps nests were updated to show they fledged and are no longer active.
0900: Crew takes a break.
0915: Crew resumes work in same areas on west side.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas progressing further southward.
1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Weed_removal_DG-4_facingNW.jpg
-118.17449955555556 34.192689611111106

Weeded_area.jpg
-118.17335715833333 34.193541999999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:37	64 °F	0-3 MPH	70 %
End of Day	14:03	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration
2. Hand tools
3. Genaro (Nature's Image 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:
Yellow Garden Spider, Western Yellowjacket, Red Admiral, Cabbage White, Dragonfly sp., Mud Dauber, Swallowtail sp. Western Fence Lizard, Side-Blotched Lizard, Coastal Whiptail BEWR, CASJ, MODO, NUWO, CORA, ECDO, ACWO, WREN, CALT, AMRO, SOSP, CAQU, HOOR, SPTO, ANHU, BARS, HOFI, RSHA, Amazona sp., BHGR, ANHU, LEGO, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on Site. Went to go survey planned work area (DG-4A).
0700- Crew started work in DG-4A. They are removing tocalote, pepperweed, and hemlock.
0730- Crew notified biologist of a sick willow sp. Notified Carley A. about the Willow. Marked on fieldmaps.
0900- Crew stopped for a break.
0930- Crew resumed work after break.
1100- Crew stopped for lunch.
1130- Crew resumed work after lunch.
1315- Crew stopped for break.
1345- Crew resumed work after break
1400- Crew finished for the day.

Additional Comments
N/A

Signature

DG-4A_prior_to_work_starting.jpg

Crew_starting_work_in_DG-4A.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: August 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °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:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI AGOL BARS CLSW NAWA MIPA BGGN BUOR EUCD LASP NUWO BTPI DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO NOFL AMRO WEBL KILL SNEG AMKE CANG WBNU COHA EUST OCWA YWAR
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-W-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-W-2.
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-W-2_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: August 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:25	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. nature's Image (Raul's crew) (9 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:
CALT, ANHU, WEBL, MODO, NUWO, CAQU, CASJ, SOSP, ACWO, RCPA, AMCR, HOFI, LEGO, ROPI, WREN, SPTO, OATI, BHGR, BARS, desert cottontail, WBNU, western fence lizard, BEWR, COHA, California ground squirrel, EUCD, BLPH, TUVU, BUSH, coastal whiptail, RSHA, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrived on site for pre-sweep. No nests or sensitive resources observed.
0645: crew begins work. Only pulling poison hemlock as that is the only non-native in the area currently. Asked crew to leave small buffer around woodrat middens. Also requested that the crew does not drive Kubota off dirt trail to pick up removed vegetation.
0900-0915: break
11-1145: lunch. Dumpster is full and waiting on a new container delivery.
1320-1340: break. Raul's crew left at 1330 while Genaro's crew (3) clean up. New container didn't come. Vegetation piled up next to dumpster and restrained with tarps. Monday morning this will be first priority.
1425: left site

Additional Comments
N/A

Signature

Crew_working_within_restoration_area.jpg

Weeding_area.jpg

After_weeding.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	10 %
End of Day	15:00	89 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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:
Bird: California Scrub Jay, California Towhee, Dark-eyed Junco, Wrentit, Acorn Woodpecker, Bewick's Wren, American Crow, Mourning Dove, Anna's Hummingbird, Allen's Hummingbird, Northern Mockingbird, Lesser Goldfinch, Red-tailed Hawk, Nuttall's Woodpecker, Band-tailed Pigeon, Great Blue Heron, Hooded Oriole, Spotted Towhee, California Quail, Bushtit, Killdeer, Yellow Warbler, California Thrasher, Cooper's Hawk, Oak Titmouse, Red-shouldered Hawk, 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
0700 Walked up DG-1 to assess for weed presence and scan for birds in the wash
0800 Returned to Johnson Field and DG-2
0930 Crew broke for break
1200 Crew broke for lunch
All day - Crew weeded the northern slopes of DG-2 moving down over the side slopes

Additional Comments

Signature

Band_tailed_pigeon_Johnson_Field.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	67 °F	0-3 MPH	0 %
End of Day	14:25	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive Vegetation removal
2. Shovels, hoes
3. Natures Image five man crew plus 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:
CALT, SPTO, CAQU, RCPA, BEWR, WREN, CASJ, HOFI, ANHU, NRWS, northern tiger swallowtail, California ground squirrel, side blotched lizard, COHA, deer fly, coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite
0630 Ed (Natures Image) shows me the work area in DG-4 approximately 34.191314 N, 118.174832 W.
0647 Work area was cleared and ready for crew to start work
0730 Three-man crew starts pulling mainly poison hemlock. Two people are working on irrigation.
0845 Crew goes to break.
0902 Crew returns from break.
1055 Crew breaks for lunch.
1135 Crew back from lunch.
1325 Crew goes on second break.
1345 Crew back from break.
1415 Crew done for the day.
1425 Left site.

Additional Comments
N/A

Signature

Before_facingNE.jpg

After_facingSE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: August 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	64 °F	0-3 MPH	0 %
End of Day	13:56	89 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration
2. Hand weeding
3. Alberto (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:
Western Honeybee, Swallowtail sp., Red Admiral, Carpenter Bee, Dragonfly sp., Western Fence Lizard, ALHU, ACWO, ECDO, CALT, BEWR, SPTO, CASJ, HOFI, CAQU, Amazona sp., AMCR, MODO, BARS, LEGO, BUSH, California Ground Squirrel, Woodrat (middens)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went ahead and checked for any nesting birds in the planned work area (DG-4) going towards the slopes.
0655- Crew started work. They are removing hemlock and mustard.
0900- Crew stopped for a break.
0930- Crew resumed work after taking break.
1100- Crew stopped for lunch.
1130- Crew resumed work after lunch. Raul left the site for the day.
1330- Crew stopped for break.
1400- Crew finished for the day.

Additional Comments
N/A

Signature

DG-4_work_area_prior_to_work_starting.jpg

Crew_starting_work.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: August 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	67 °F	0-3 MPH	0 %
End of Day	13:40	78 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps (6), hoes (7), hula hoes (3), two prong cultivator (1), snips (2)
3. Gothic Landscape crew of 10 plus Juan 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: RCPA, CALT, WREN, ALHU, HOFI, SOSP, BLPH, SPTO, CASJ, BGGN, CAQU, BUSH, COHA, BTPI, AMCR, KILL, NRWS, RSHA, TUVU, CORA, NUWO
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel
Invertebrates: harvester ant, honeybee, dragonfly, western tiger swallowtail, California sister, cabbage white, gulf fritillary, orb weaver, blow fly, tarantula hawk, crab spider, lorquin's admiral, sulphur

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Arrived on site.
0650 Crew heads to southern end of side slope just south of the previously eroded area that was filled in working their way south.
0800 Some of the leaves on willows in DG-2 have leaves drying out toward the base of the trunk.
0900 Vegetation removed consists mainly of plants covered in dodder and non-natives.
0830 Crew in DG-2 WOUS working south.
0900 Crew takes break. 0915 Crew returns to work.
1200 Crew takes lunch.
1230 Crew returns to work in Johnson Field.
1310 Observed BHGB nest to determine activity.
1330 Crew begins to wrap up work and head out of restoration area.

Additional Comments
N/A

Signature

SideSlope_erosion_filled_in_facing_E.jpg
-118.17344022222223 34.18831238055555

DG2WOUS_dried_willow_facingW.jpg
-118.17212855555556 34.19028491666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: August 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	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. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: RTHA, CALT, BEWR, ANHU, ACWO, NUWO, SOSP, HOFI, CAQU, BUSH, SPTO, BCHU, HOOR, LEGO, BTPI, BARS, MODO, CASJ, YEWA, BLPH, COHA, KILL, OATI, ATFL
Amphibians: N/A
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, desert cottontail, coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals within DG-2 and along the east perimeter trail, starting from the south and working northward. Crews also work on light trimming along DG-2 WOUS trails to maintain access for the workers.
0645: Juan and several workers turn on the irrigation throughout the site.
0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.
0730: Workers provide supplemental water for the plantings along the DG-3 East slope.
0900: Crew takes a break.
0915: Crew resumes work in same areas on east side.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas progressing further northward.
1315: Beehive in Irrigation box #13 was recorded in Field Maps as a hazard after Juan pointed it out.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Trimming_DG-2_facingS.jpg
-118.17236604166668 34.18955636111111

Dredging_DG-3_facingNW.jpg
-118.17310316666668 34.18829206666666

Weed_removal_DG-2_facingN.jpg
-118.1721992638889 34.19102994444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: August 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	67 °F	0-3 MPH	0 %
End of Day	14:15	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of six, crew lead Genaro

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:
ACWO, MODO, CAQU, CALT, BEWR, ANHU, YEWA, CASJ, SOSP, HOFI, SPTO, AMCR, BGGN, RTHA, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (midden)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrive on site
0634 began sweep of work area (DG-4, close to side slopes).
0645 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.
0650 Nature's Image crew begins weed abatement activities.
- The crew removes non-native weed species such as poison hemlock (Conium maculatum), and perennial pepper weed (Lepidium latifolium) while leaving native species intact.
0900 Crew moves east to work on side slope, removing perennial pepper weed and non-native mustard.
1200 Crew continues work on the side slopes, working their way south.
1405 Crew finishes pulling weeds, begins cleaning up.
1415 Depart site.

Additional Comments
N/A

Signature

DG4_before_facingNE.jpg
-118.17426043333334 34.19113476388888

SideSlope_before_facingS.jpg
-118.17449719444446 34.19056113888889

SideSlopes_during_facingS.jpg
-118.17452881944445 34.19054447222222

SideSlopes_after_facingS.jpg
-118.17451230555557 34.19054907222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: August 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	65 °F	0-3 MPH	0 %
End of Day	14:55	89 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation primarily perennial pepperweed, Maltese star thistle, short-pod mustard, and radish from side slopes of the basin and cutting down tree of heaven specimens from DG-4 and DG-4A
2. Crew using hand tools mainly pulling by hand, one crew member using pole saw to remove tree of heaven
3. Nature's Image: Genaro and Alberto with a 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 SOSP CASJ ALHU ANHU ACWO COYE BUSH HOFI HOWR BGGN YRWA BEWR
Western honeybee, lorquins admiral, cabbage white, painted lady, western swallowtail
Cottontail, California ground squirrel, coyote, side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 arrived on site, met Genaro and headed to work area proposed for today
0645 conducted pre-works clearance sweep. No nests or nesting bird behavior observed
0715 crew began work pulling non-native plants by hand
0725 conducted clearance sweep of sections in DG-4 and DG-4A with tree of heaven stands. No nests or nesting behavior observed
0820 monitoring Natures Image crew on basin slope
0830 crew took a break
0855 crew continued pulling on the slope
1040 monitored removal of tree of heaven in DG-4 and DG-4A by pole saw (operator -Ricardo)
1100 crew break for lunch
1200 resume monitoring removal of tree of heaven in DG-4 and DG-4A by pole saw (operator -Ricardo)
1320 crew (2) began removing chopped vegetation
1330 crew took break
1440 crew done for the day gather remaining collected vegetation and head for the exit

Additional Comments
N/A

Signature

CrewpullingweedsonslopefacingSW_081524.JPG
-118.17492777777778 34.19019722222222

RemovingtreeofheaveninDG-4Awithpolesaw_081524.JPG
-118.17668055555556 34.19059166666666

CrewremovingcuttreeofheaveninDG-4_081524.JPG
-118.17677222222223 34.190552777777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: August 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	14:46	89 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive weed species.
2) Restoration equipment limited to hand tools, particularly hoes.
3). Gothic crew comprised of 10 men plus Foreman Juan.

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, BUSH, SPTO, MODO, AMCR, ALHU, SOSP, HOFI, OATI, CASJ, ANHU, ACWO, Red-masked Parakeet, HOWR, BEWR, TUVU, CAQU, BLPH
Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail
Mammals: Coyote, Desert Cottontail, California Ground Squirrel.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625- ICF biologist arrived at work area on east side of Arroyo Seco at Johnson Field staging area.
0630- Gothic crew arrived.
0640- Gothic crew removing non-native invasive weeds in and around Johnson Field (DG-W-1). Crew members are meandering through the restoration area to locate and remove scattered weeds.
0800- Crew now removing weeds along "side slopes" along southwest corner of overall restoration area.
0900- Crew on AM break.
0915- Crew back to work removing weeds along "side slope".
1200- Crew on lunch break
1230- Crew back to work removing non-native invasive plant species. Working in the south end of DG-2.
1430- Crew cleaning up and disposing of material at the staging area.
1440- ICF and Gothic crew leaving the site

Additional Comments
N/A

Signature

Crew_at_JohnsonField_staging_area_FacingSE.jpg
-118.17140470000001 34.19220136111111

Crew_transporting_removed_weeds_FacingSE.jpg
-118.17264969444444 34.19004227777778

Crew_weeding_at_side_slope_facingSW.jpg
-118.17289664722223 34.18871483333333

Crew_removing_weeds_DG-2_FacingN.jpg
-118.17298025000001 34.18836365833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Shelby Dunn
Company: ECORP
Date of Log: August 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	60 °F	0-3 MPH	0 %
End of Day	15:00	92 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1.Removing non-native vegetation primarily perennial pepperweed, mustard, Rumex crispus from side slopes of the basin in DG-4. Additionally, checking irrigation system
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of four

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 BGGN CORA RSHA SOSP ALHU CALT WREN NUWO ANHU YEWA CASJ HOFI ACWO NOMO AMCR
Side blotched lizard
California ground squirrel, Wood rat
Cabbage white, Tiger swallow tail, Lorquins admiral

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived at oak grove disc golf course parking lot
0630 Met Genaro who led the way to the work area for the day (slope of DG-4)
0638 Arrived at DG-4 slope. Discussed the location the crew will be working in for the day.
0640 began preconstruction sweep for nesting birds and other sensitive biological rescources
0700 aurally observed YEWA singing near YEWA-1, approx 100m away from where the crew will be working
0710 finished preconstruction sweep. No sensitive biological rescources observed. Informed Genaro the area was clear for the crew to begin work.
0720 crew of five began removing vegetation by hand. Primarily removing Rumex crispus, mustard, perennial pepperweed. Two other crew members independently checked on the irrigation system throughout the site
0840 Informed by Genaro that the crew will not remove and cut more tree of heaven today, but plan to resume on Monday
0850 crew took break and walked back to vehicles
0820 crew returned to slope of DG-4 and began removing vegetation
1045 crew paused work for lunch
1210 crew returned to DG-4 slope and resumed pulling non-native vegetation
1245 informed by Genaro they identified a woodrat midden and will leave a buffer around where they will not remove non-native vegetation
1320 crew took a break, and walked back to vehicles
1355 two crew members left for the day
1400 crew of 3 returned to slope of DG-4 and resumed removing vegetation
1430 crew finished removing vegetation and began hauling tarps of removed vegetation out of DG-4
1445 Spoke with Genaro about their plan for next week. On Monday, the crew will pick up work in the same area they worked today (the slope of DG-4) and also continue removing tree of heaven in "Primrose". After the crew finishes work in these areas, they plan to continue working on the east slope, north of DG-4
1500 left site

Additional Comments
Plan for next week is included in log at 1445

Signature

Before_facingSW.jpg

Work_area_during_facingSW.jpg

After_facingSW.jpg

Woodrat_midden_facing_s.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: August 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	13:45	89 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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, CASJ, BUSH, Red-masked Parakeet, BEWR, BLPH, SPTO, ACWO, HOFI, WREN, NUWO, OATI, SOSP, CAQU
Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail
Mammals: Desert Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- ICF biologist arrived at Johnson Field staging area.
0630- Gothic arrived
0640- Crew removing non-native invasive plant species. Crew working on east side of Arroyo Seco along the south end of DG-2.
0900- Crew on AM break
0915- Crew back to work removing weeds. Crew now working near center of DG-2.
1200- Crew on lunch break.
1230- Crew back to work removing weeds in DG-2.
1340- Crew cleaning up and disposing of removed material.
1345- ICF and Gothic crew leaving site

Additional Comments
N/A

Signature

Crew_removing_weeds_DG2_FacingS.jpg
-118.17272381666668 34.18885730555555

Crew_removing_weeds__DG2_facingN.jpg
-118.17206147222223 34.190671249999994

Crew_removing_weeds_DG2_FacingSW.jpg
-118.17222569444445 34.191079055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: August 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	98 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, YRWA, CASJ, HOFI, AMCR, CORA, ANHU, OATI, ACWO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, HUVI, OCWA, AGOL, BARS, CLSW, BGGN, BUOR, LASP, NUWO, LEGO, DEJU, CAQU, TUVU, SPTO, LEGO, NOFL, AMRO, WEBL, COHA, EUST, OCWA, BHGR, WETA, BHGR WBNU, CEDW
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in Johnson Field.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Johnson Field.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_JohnsonField_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:38	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive vegetation clearing
2. Shovels, hoes
3. Natures Image (5 person crew, Genaro Vargas foreman). Additional Natures Image crew (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:
MODO, BGGN, CORA, KILL, SPTO, CASJ, CAQU, SOSP, BEWR, cottontail, ANHU, CALT, AMRO, western fence lizard, NRWS, COHA, coastal whiptail, side-blotched lizard, NUWO

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrived onsite.
0630: G. Vargas shows me work area. Approximately 34.189466 N, 118.176773 W.
0650: Crew starts pulling perennial pepperweed. Two people on irrigation. Two people working at approximately 34.190545 N, 118.176773 W to cut patches of tree of heaven.
0839: Crew breaks.
0920: Crew returns.
0925: Crew cutting tree of heaven joins in pulling invasive vegetation.
1048: Crew breaks for lunch.
1139: Crew is back from lunch.
1321: Crew breaks.
1355: Crew returns. Additional crew leaves for the day.
1421: Direct crew away from hive.
1436: Crew wraps up for the day.
1450: Left site.

Additional Comments
N/A

Signature

Crew_working_on_side_slope.jpg

WorkArea2_facingNW.jpg

WorkArea_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: August 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	0 %
End of Day	14:35	102 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration nonnative removal.
2. Hand tools, 10.
3. 10, Nature's Image, Genero.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

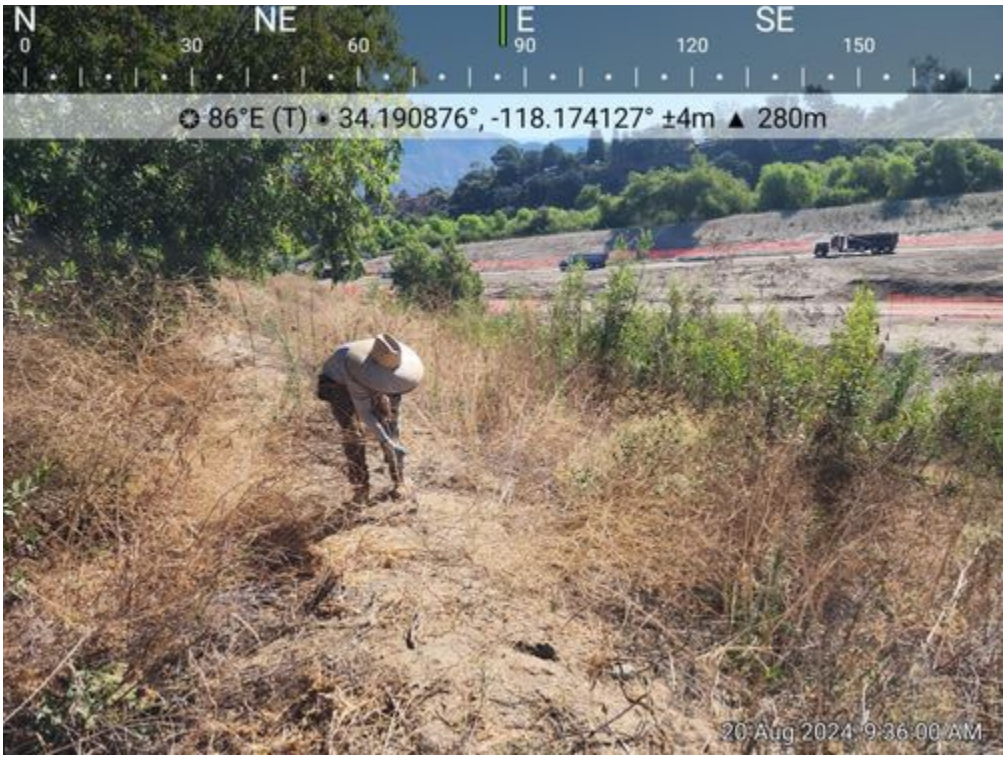
List of species observed while monitoring:
BEWR, AMCR, CAQU, CALT ACWO, RTHA, Amazonia sp., MODO, RSHA, CASJ, Desert cottontail, ANHU, and HOFI.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0640 I began clearing the work area in DG-4.
0655 I finished clearing the area, alerted the crew, and they started shortly after. Target species: *Conium maculatum*, *Brassica nigra*, *Lepidium latifolium*, and *Plantago arenaria*. Tools/method: hand tools and hand pulling.
0855 Crew broke for first break.
0920 Crew returned from first break.
1050 Crew broke for lunch.
1145 Crew returned from lunch.
1325 Crew broke for second break and the part of the crew from Perris left for the day.
1400 Crew returned from second break after heat safety meeting.
1420 Crew began wrapping it up for the day.
1435 Crew finished putting everything away and left for the day.

Additional Comments
N/A

Signature



work_area_before_facingE.jpg
0 0

work_area_during_facingE.jpg
0 0

work_area_after_facingNE.jpg
0 0

side_work_area_during_facingSE.jpg
0 0

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: August 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	60 °F	0-3 MPH	0 %
End of Day	14:46	98 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised 10 men plus Foreman Juan.

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, CALT, SPTO, AMCR, CASJ, BUSH, SOSP, HOFI, Red-masked Parakeet, OATI, PSFL, CAQU, RSHA, COHA
Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail
Mammals: Desert Cottontail, California Ground Squirrel.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrives at Johnson Field staging area.
0630- Gothic crew arrived.
0640- Crew removing non-native invasive plant species in Johnson Field (DG-W-1) located on the east side of the Arroyo Seco.
0900- Crew on morning break.
0915- Crew back to work removing weeds in Johnson Field.
1200- Crew on lunch break.
1230- Crew back to work weeding near center of Johnson Field.
1430- Crew cleaning up and disposing of material.
1445- ICF and Gothic crew leaving site.

Additional Comments
N/A

Signature

Crew_mobilizing_JohnsonField_staging_facingNE.jpg
-118.17151748055556 34.19213130555555

Crew_removing_weeds_DGW1_facingS.jpg
-118.1713740388889 34.19147136944444

Crew_removing_weeds_DGW1_FacingW.jpg
-118.17152795 34.19149212777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: August 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	70 °F	0-3 MPH	0 %
End of Day	14:19	94 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of eight, crew lead 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, MODO, CAQU, CALT, BEWR, ANHU, COHA, BUSH, SOSP, HOFI, SPTO, AMCR, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (midden)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrive on site
0640: Began sweep of work area (northern end of Side Slopes [Episodic Maintenance Areas]).
0655: Area cleared for work, no known active nests are in the area and no new nesting birds were detected.
0700: Nature's Image crew begins weed abatement activities.
- The crew removes non-native weed species such as perennial pepper weed (*Lepidium latifolium*) and non-native mustard while leaving native species intact.
0745: Laborer found a cup nest in a thatch of mustard that appeared to be inactive (no eggs or chicks, partially falling apart, no birds nearby behaving abnormally). Biologist allowed for the removal of the mustard and inactive nest.
1200: Crew moves away from the side slopes to work in the shade as temperatures reach 90+ F. Targeting poison hemlock (*Conium maculatum*) and mustard.
1405: Crew finishes pulling weeds, begins cleaning up.
1420: Depart site.

Additional Comments
N/A

Signature

SideSlopes_before_facingSW.jpg
-118.17350868055556 34.191260611111105

SideSlopes_during_facingSW.jpg
-118.17348051111112 34.19125109722222

InactiveNest_inMustard.jpg
-118.1737131388889 34.19114713888889

SideSlopes_after_facingSW.jpg
-118.173517575 34.19126895833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 21, 2024

	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	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Bird: California Scrub Jay, California Towhee, Acorn Woodpecker, Sharp-shinned Hawk, Nuttall's Woodpecker, Bewick's Wren, Bushtit, Mourning Dove, American Crow, California Quail, Song Sparrow, Red-shouldered Hawk, Spotted Towhee, Red-crowned Parrot, House Wren, Wrentit, Anna's Hummingbird, Allen's Hummingbird, Great Blue Heron, Lesser Goldfinch
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700 - Walked from Johnson Field down to assess weed growth and any problem areas.
0900 - Crew broke for break.
1030 - Observed a juvenile Western Toad still active in DG-2 likely due to the layers of organic material and moisture present in the understory.
1145 - Crew broke for lunch.

All day - Crew weeded the slope-side of Johnson Field down into DG-2

Additional Comments

Signature

Western_Toadling.jpg
-118.17159785 34.190442374999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: August 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	63 °F	0-3 MPH	0 %
End of Day	14:42	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Non-native vegetation (short podded mustard, common stork bill, poison hemlock) removed by hand and using hand tools (hoes) from basin slopes (NW) and DG-4 by Nature's Image crew, Genaro plus 9 crew (2 maintaining 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 CALT ANHU SOSP WREN ACWO BEWR TUVU HOFI

California ground squirrel, Southern pacific rattlesnake, coastal whiptail, western fence lizard, Western swallowtail, cabbage white, lorquin's admital, painted lady, western honey bee,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625: Met with crew.
0640: Conducted pre-works sweep of works area.
0705: Crew began hand pulling primarily short podded mustard and poison hemlock.
0830: Crew take break, have staff meeting. Bio sweeps ahead for wildlife.
0915: Crew resume hand pulling.
0930: Crew find rattlesnake in undergrowth - let them know to give it space and avoid work in that area until the snake moves on.
0959: Observed coastal whiptail basking in stick pile (34.19156023, -118.17343174) (OID #655).
1045: Crew break for lunch.
1210: Crew resume hand pulling.
1320: Crew took break.
1350: Crew members living further afield departed, remaining crew returned to works area.
1410: Crew began packing up the site.

Additional Comments
N/A

Signature

Crewhandpullinginbasin_facingSE_082224.JPG
-118.17343333333334 34.191491666666664

Crotalusoreganushelleri_082224.JPG
-118.17302777777778 34.192375

CrewvegetationremovalfacingN_DG-4_082224.JPG
-118.17355555555557 34.191602777777774

DG-4_aftervegetationremoval_082224.JPG
-118.17345555555556 34.19170277777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: August 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	59 °F	0-3 MPH	0 %
End of Day	14:40	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1). Restoration activities limited to the removal and disposal of non-native invasive plant species.
2). Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus Foreman Juan

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

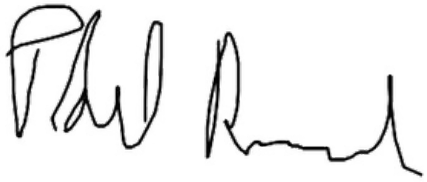
List of species observed while monitoring:
Birds: WREN, BEWR, BUSH, CASJ, CALT, SOSP, ACWO, Red-masked Parakeet, NUWO, ALHU, ANHU, AMCR, HOWR, HOFI, RSHA, TUVU, OATI
Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail
Mammals: California Ground Squirrel, Desert Cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- ICF biologist arrived at Johnson Field staging area located on the east side of Arroyo Seco.
0630- Gothic crew arrived.
0640- Gothic crew removing non-native invasive plant species on east side of Arroyo Seco within west side of restoration site in DG-2.
0900- Crew on morning break.
0915- Crew back to work removing weeds in DG-2.
1030- Crew now weeding on "Side Slope".
1200- Crew on lunch break
1230- Crew back to work on "Side Slope".
1330- Crew now working on weeding along the south end of DG-2.
1430- Crew cleaning up and disposing of materials.
1440- ICF and Gothic leaving the site.

Additional Comments
N/A

Signature



Gothic_Crew_Mobilizing_FacingNE.jpg
-118.17149909444444 34.19216625

Crew_removing_weeds_DG-2_facingSE.jpg
-118.17264256944445 34.190364425

Crew_removing_weeds_DG-2_facingW.jpg
-118.17251766666668 34.189912666666665

Crew_weeding_on_SideSlope_FacingN.jpg
-118.17292116666667 34.18869985277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: August 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	30 %
End of Day	14:00	81 °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.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

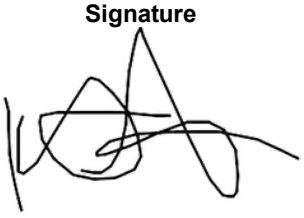
List of species observed while monitoring:
Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI HUVI OCWA AGOL BARS CLSW BGGN BUOR NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL AMRO WEBL COHA EUST OCWA YWAR BHGR WETA BHGR WBNU CEDW BTPI
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-3A and DG-East Trails with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-3A and DG-East Trails.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-3A and DG-East Trails.
1500: Crew stops work for the day.

Additional Comments
Photo 1: Invasive_removal_DG-East_Trail1

Signature



Invasive_removal_DG-East_Trail1**.jpg**

Invasive_removal_DG-3A_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: August 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	58 °F	0-3 MPH	0 %
End of Day	14:31	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools/pulling by hand
3. Nature's Image- Raul (+6) and Genaro (+3)

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, MODO, LEGO, ACWO, CALT, OATI, California ground squirrel, AMCR, CASJ, CAQU, ANHU, SOSP, TUVU, BEWR, WREN, ALHU, HOFI, parrot sp., NUWO, BARS, California praying mantis, EUCD, BLPH, OCWA, BUSH, western fence lizard, monarch, coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: Arrived on site for pre-sweep. Pipe in staging area broke/leaked overnight. Crew working on slope along reservoir (DG-4 WOUS, DG-4, and a little bit of DG-7)
0709: Crew starts work. Primarily pulling poison hemlock and mustard with occasional tree tobacco and castor bean.
0852-0930: Break. Linda and Charlie working on irrigation- seeing water but all irrigation should be turned off.
1010: Crew removed at least six large tree tobacco on slope adjacent to reservoir.
1054-1157: Lunch.
1330: Break & Raul's crew left.
1403: Returned to clean up site before heading out.
1422: End of day. Crew will be continuing work in same restoration areas along the slope of the reservoir on Monday.

Additional Comments
N/A

Signature

Work_area_before_starting.jpg

Work_area_after.jpg

Pipe_leak_AM.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: August 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	0 %
End of Day	14:55	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: AMCR, RCPA, ANHU, CALT, SPTO, OATI, MODO, ECDO, CASJ, BUSH, ECDO, ACWO, BEWR, NUWO, BARS, LEGO, HOFI, SOSP, KILL, MALL, BLPH, HOOR, OCWA, WTSW, YEWA, HUVI, WIWA, BGGN, NOMO, AMKE, BRSP
Amphibians: N/A
Reptiles: western fence lizard, western whiptail Mammals: California ground squirrel, desert cottontail, coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals along DG-1 and DG-8, starting from the south and working north.
0645: Juan and several workers turn on the irrigation throughout the site.
0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.
0900: Crew takes a break.
0915: Crew resumes work in same areas on east side.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas progressing further northward.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Gothic_weeding_restoration_area.jpg
-118.17154148888889 34.19253391666666

Weed_removal_dredging_DG-1_facingS.jpg
-118.17126034444445 34.19310294444444

Work_completion_DG-1_facingW.jpg
-118.16875523055556 34.19554172222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	62 °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:
1. Invasive vegetation removal
2. Shovels, hoes
3. Natures Image, Three man crew (Genaro Vargas foreman), additional four to six man 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:
ANHU, CASJ, COHA, AMCR, CALT, western fence lizard, BEWR, side blotched lizard, MODO, coastal whiptail, CAQU, California ground squirell, RTHA, WREN, BGGN,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite.
0630 G. Vargas shows me the work area. Approximately 34.193187 N, 118.172259 W starting point, crew is heading north in DG-7 side slope.
0705 area is cleared, and crew starts working pulling mainly poison hemlock. Two people working on irrigation.
0840 crew member finds inactive nest in dry vegetation. I set buffer with tape for crew to avoid it and add it in fieldmaps.
0855 crew breaks.
0934 crew returns.
0937 two crew members leave to go fix a broken valve in irrigation.
1050 crew breaks for lunch.
1139 crew returns from lunch.
1325 crew breaks.
1345 Additional crews leave.
1352 three-person crew returns to clean work area.
1413 crew finishes, cleaning area and heads in for the day.
1430 left site.

Additional Comments
N/A

Signature

Start_of_day_facingNE.jpg

Middle_of_day_facingSE.jpg

workarea_facingSE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: August 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	64 °F	0-3 MPH	0 %
End of Day	14:40	92 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed clearing.
2. 11, hand tools.
3. 11, Nature's Image, Genero and 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:
ACWO, CASJ, MODO, ALHU, AMCR, WREN, BEWR, CAQU, BUSH, Amazonia sp., ANHU, DEJU, and CALT.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Genero took me to the first work area along the slope of the channel in DG-7 (Temporary impacts) and DG-4.
0640 I began clearing the area.
0700 I finished clearing the first work area and alerted the crew. They arrived and began work shortly after.
0710 Genero took me to the second work area in DG-4 and parts of DG-4 WOUS.
0715 I began clearing the second work area.
0730 I finished clearing the second work area, returned to the crew, and alerted Genero. For both areas: Focus: *Plantago arenaria*, *Conium maculatum*, *Brassica nigra*, and *Nicotiana glauca*. Tools/method: hand tools and hand pulling.
0810 Deactivated NUWO_04. See Field Maps for details.
0900 Crew broke for first break.
0925 Crew returned from first break.
0930 Crew began to work in second work area.
1054 Crew broke for lunch.
1045 Crew returned from lunch.
1055-1300 Met with Tyson from Sweet Bee to show him the hives and get a price quote.
1325 Crew broke for second break.
1350 Crew returned from second break and crew from Perris left for the day.
1430 Crew began wrapping up for the day.
1440 Crew finished putting everything away and left for the day.

Additional Comments
N/A

Signature

area_1_during_facingS.jpg
-118.16914277777778 34.19258583333333

area_2_start_facingW.jpg
-118.1726238888889 34.19273194444444

area_2_during_facingW.jpg
-118.172645 34.192719999999994

area_2_end_facingW.jpg
-118.17262194444444 34.19275277777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: August 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Bird: California Scrub Jay, California Towhee, Acorn Woodpecker, Wrentit, Bushtit, Mourning Dove, American Crow, Bewick's Wren, Anna's Hummingbird, Band-tailed Pigeon, Allen's Hummingbird, Northern Mockingbird, Song Sparrow, Nuttall's Woodpecker, Spotted Towhee, Cliff Swallow, Black Phoebe, Lesser Goldfinch, Oak Titmouse, Cooper's Hawk, California Quail, House Finch, California Thrasher, Red-shouldered Hawk
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
0700 - Walked up DG-1 to the creek trailhead to assess weed growth and any biological concerns
0915 - Crew broke for break
1000 - Truck arrived to pick up vegetation bin
1100 - Walked the upper trailhead running along the extent of Johnson Field, DG-2, and DG-3 to look for any migrant species and determine invasive weeds that may seed into restoration site
1145 - Crew broke for lunch
1215 - Truck arrived to drop off replacement bin
All day - Crew weeded the bottom of DG-1 up (moving north)

Additional Comments

Signature

Crew_weeding_DG-1.jpg
-118.16872915833333 34.19582527777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: August 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	80 %
End of Day	14:50	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: AMCR, RCPA, ANHU, CALT, SPTO, OATI, MODO, ECDO, CASJ, BUSH, ACWO, BEWR, NUWO, BARS, LEGO, HOFI, SOSP, MALL, BLPH, HOOR, OCWA, WTSW, YEWA, WIWA, BGGN, NOMO, GBHE, DEJU, EUST, RSHA, NAWA, BTPI, AMKE, WEBL, TUVU, CAKI
Amphibians: N/A
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of non-native weed removals along DG-1 and DG-8, starting from North of the yellow entrance gate and working northward.
0645: Juan and several workers turn on the irrigation throughout the site.
0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.
0715: Several workers hand water the native plantings along the slope by DG-3.
0900: Crew takes a break.
0915: Crew resumes work in same areas on east side.
1100: Juan and another worker repair one of the valves near DG-2 which had a small leak in one of the spaghetti lines.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas progressing further northward.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Work_start_DG-1_facingSW.jpg
-118.16803044444445 34.197822055555555

DG-1_weeding_facingS.jpg
-118.16784402777779 34.199857277777774

Post-weeding_DG-1_facingN.jpg
-118.16810831111111 34.19911183333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: August 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	59 °F	0-3 MPH	100 %
End of Day	14:15	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of 13, crew lead 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, MODO, CAQU, CALT, BEWR, ANHU, OATI, BUSH, SOSP, HOFI, AMCR, WREN, CATH, COHA, CASJ, RCPA, Western fence lizard, side-blotched lizard, rattlesnake (molt), California ground squirrel, desert cottontail, wood rat (midden)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrive on site
0635 began sweep of work area (DG-4).
0650 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.
0700 Nature's Image crew begins weed abatement activities.
- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) while leaving native species intact.
0750 Crew moves west to work in DG-4 WOUS. The crew is mainly removing poison hemlock.
0945 A few workers begin work in DG-4A, mainly targeting poison hemlock.
1405 Crew finishes pulling weeds, begins cleaning up.

1415 Depart site.

Additional Comments
N/A

Signature

DG-4_before_facingNW.jpg
-118.17284543055555 34.192684888888884

DG-4_during_facingNW.jpg
-118.17277903888889 34.192724794444445

DG-4_after_facingNW.jpg
-118.1728472638889 34.192718638888884

DG-4_WOUS_during_facingN.jpg
-118.17301384444445 34.19301004166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: August 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	100 %
End of Day	14:30	83 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovels, hoes
3. Natures Image, five person crew (Genaro Vargas; foreman), additional natures image crews (six person 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:
Desert cottontail, CASJ, CATH, BEWR, CALT, CAQU, RCPA, ANHU, SOSP, COHA, Western fence lizard, side-blotched lizard, wood rat, California ground squirrel, HOWR, RTHA , rattlesnake sp.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived on site.
0630 G. Vargas (Natures Image) shows me work area. Approximately 34.193300 N, 118.173181 W in DG-4A and DG-4.
0700 Crew of 11 starts working pulling mainly poison hemlock. Two people on irrigation.
0705 I take G. Vargas to the area that Carley A. (ECORP) would like to be worked on next. I noticed beehive on map that scheduled to be removed today.
0708 I called Carley A. (ECORP) to see if there's another area, she would like the crew to work in since the crew was instructed to stay away from bee removal. She informed me beehive removal was canceled for today and crew is set to work in area.
0850-0930 crew breaks.
1010 crew member shows me a tree she saw yesterday with possible burrowing beetle. Tree has shavings present on ground below, small holes in bark, and sap. I flagged the tree and at a point in Field Maps. Located approximately 34.192513N, 118.173406W. I show Carley A. (Ecorp) photos.
1055-1140 crew takes lunch.
1141 crew starts watching training video.
1237 crew finishes training.
1318 crew member finds rattlesnake in rocks that retreats into den. Marked in Field Maps move crew from area.
1320-1350 crew breaks. Additional crew members leave.
1350 crew cleans up work area. I checked the tarps left where snake was seen incase it went under any of them.
1410 crew done for day.
1425 left site.

Additional Comments
N/A

Signature

Start_area_facingE.jpg

Tree_of_concern_facingN.jpg

Area_during_facingSW.jpg

Mitigation_area_after_weeding.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: August 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	15:00	95 °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.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

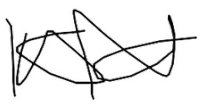
List of species observed while monitoring:
Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI HUVI OCWA AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL AMRO COHA EUST OCWA YWAR BHGR WETA BHGR WBNU CEDW BTPI RCPA
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-1.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature



Invasive_removal_DG-1_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: August 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:24	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative plant removal
2. Hand tools
3. Nature's 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:
CASJ, CALT, ANHU, RWBL, NOMO, ACWO, CATH, HOFI, BLPH, SOSP, HOSP, AMCR, BEWR, BARS, COHA, MODO, KILL, CAQU, RSHA, OATI, desert cottontail, California ground squirrel, side-blotched lizard, coastal whiptail

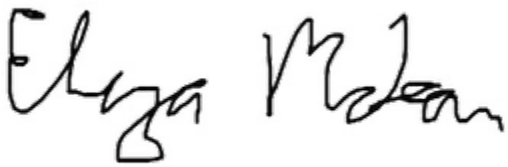
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Linda. Started nesting bird survey in DG-4 WOUS (34.191818°N 118.173746°W).
0700 no nesting activity observed. Cleared crew to start work. Monitored nonnative plant removal.
0830 crew headed to cars for morning break.
0910 crew returned to work area.
1040 crew started heading to cars for lunch break.
1200 crew returned to work area. Monitored wildlife activity in the area.
1330-1400 crew's afternoon break.
1400 crew started cleaning up for the day.
1425 left site.

Plan for next week: the crew will be to continue work in DG-4 WOUS, heading south.

Additional Comments
N/A

Signature



20240830_workareabefore_facingS.jpg

20240830_workareabefore2_facingSE.jpg

20240830_workareaafter_facingSE.jpg

20240830_workareaafter2_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: August 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	13:55	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetarion removal.
2. Tarps (2), hoes (2), hula hoes (8)
3. Gothic Landscape crew of 10 plus Juan 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: CORA, CAQU, CALT, RCPA, CASJ, AMCR, BEWR, ALHU, MODO, SPTO, HOFI, HOSP, SOSP, SAPH, NOFL, BLPH, NUWO, TUVU, EUCD, CAKI, OATI
Mammals: California ground squirrel
Invertebrates: honeybee, hoverfly, harvester ant, dragonfly, carpenter bee, cabbage white, sulphurs, green june beetle, loraquin's admiral, typical blues,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew heads to begin non-native vegetation removal in DG-1 working their way south. Irrigation is turned on and checked.
0900 Crew takes break.
0915 Crew returns to work in DG-1.
1200 Crew takes lunch.
1230 Crew returns to work in DG-1. Irrigation is turned off and checked.
1349 Crew begins to wrap up work for the day.

Additional Comments
N/A

Signature

DG1_vegetation_removed_facingS.jpg
-118.16950095 34.19518461111111

DG1_pre_vegetation_removal_facingS.jpg
-118.16949691944446 34.19517525

DG1_post_vegetation_removal_facingS.jpg
-118.1695282888889 34.19523322222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: September 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	69 °F	0-3 MPH	0 %
End of Day	14:27	94 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools, pulling by hand
3. Nature's Image (14 including 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:
CALT, BEWR, BGGN, AMCR, MODO, COHA, ACWO, CASJ, NUWO, BLPH, SPTO, WREN, CAQU, parrot, SOSP, LEGO, CAKI, OATI, HUVI, ANHU, HOFI, EUST, ALHU, Robert fly, CATH, desert cottontail, carpenter bee, woodrat sp., western fence lizard, WTSW, EUCD, swallowtail butterfly, California ground squirrel, BUSH, California king snake

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: arrived on site ready for pre-sweep of DG-4 WOUS where crew will be working.
0651: work begins. Crew (12) pulling non-natives (primarily poison hemlock and mustard). Linda and Ed working on irrigation.
0847-0924: break
1051-1157: lunch break
1232: dead woodrat (likely but unidentifiable) in restoration area. Not caused by work activities. Crew working away from it since it is attracting wasps.
1330-1357: break & Raul's crew left for day. Cleanup site. Tatiana saw a California king snake in the site (confirmed with photo).

Additional Comments
N/A

Signature

Restoration_area_before.jpg

Restoration_area.jpg

Cleared_poison_hemlock_patch.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: September 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	74 °F	0-3 MPH	0 %
End of Day	14:30	99 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovels, hoes
3. Natures Image (Genaro Vargas: foreman) plus additional 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:
BHGR, CAQU, CALT, AMCR, CASJ, MODO, desert cottontail, SOSP, COHA, BGGN, ALHU, coyote, western fence lizard, western tiger swallowtail, side-blotched lizard, striped racer, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived onsite.
0630 G. Vargas shows me the work area. Approximately 34.191342 N, 118.174134 W in DG-4 WOUS / DG-4
0645 area is cleared for work.
0653 crew starts working pulling mainly poison hemlock and heading west. Two people are on irrigation.
0845 crew breaks.
0920 crew returns.
1050 crew breaks for lunch
1140 crew returns from lunch
1320 crew breaks. Additional crews leave for the day.
1340 three-person crew heads back to clean up work area.
1420 crew finished cleaning the area. Done for the day.
1430 left site

Additional Comments
N/A

Signature

Before_facingNW.jpg

During_facingW.jpg

Done_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: September 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:22	69 °F	0-3 MPH	0 %
End of Day	14:15	107 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of 12, crew lead 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, MODO, CAQU, CALT, BEWR, ANHU, OATI, BUSH, SOSP, HOFI, AMCR, RTHA, CASJ, WREN, BGGN, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (midden)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrive on site
0635 began sweep of work areas in DG-4. There are three separate work areas the crew is targeting today.
0650 Areas cleared for work, no known active nests are in the areas and no new nesting birds were detected.
0700 Nature's Image crew begins weed abatement activities.
- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) and perennial pepper weed (*Lepidium latifolium*) while leaving native species in tact.
1100 Bird activity very low today with temperature nearing 100F.
1405 Crew begins cleaning up. No more weeding will be done today.
1415 Depart site.

Additional Comments
N/A

Signature

DG-4_before_facingSE.jpg
-118.17438517500001 34.19099662777777

DG-4_during_facingSE.jpg
-118.17438230555555 34.19098647222222

DG-4_after_facingSE.jpg
-118.17436913888889 34.19095337222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: September 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	84 °F	0-3 MPH	60 %
End of Day	14:12	107 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration and weed removal
2. Hand pulling and hand tools
3. Genaro (Nature's Image 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:
Red Admiral, Cabbage White, Western Tiger Swallowtail Coastal Whiptail, Western Fence Lizard, Side-Blotched Lizard SOSP, CALT, BEWR, LEGO, HOFI, ACWO, NUWO, MODO, Amazona sp., CASJ, RSHA, ALHU, BLPH, AMCR, BGGN, CAKI, BUSH Coyote, Netoma sp., Desert Cottontail, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Swept planned work area (DG-4).
0700- Crew started work. They are removing hemlock and mustard. They are also working towards the slope.
0845- Crew stopped for a break.
0915- Crew resumed work after break.
1045- Crew stopped for lunch.
1145- Crew resumed work after lunch. They are still working in the same area ofDG-4.
1315- Crew stopped for break.
1415- Crew finished for the day. They plan on working in DG-4. They are working towards the slope to remove vegetation going up the large tree facing north. They are also going to work west of that large tree. (34.1919501, -118.1732000).

Additional Comments
N/A

Signature

DG-4_prior_to_work_starting.jpg

Crew_starting_work_in_DG-4.jpg

Crew_working_in_DG-4.jpg

Crew_finishing_up_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: September 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	72 °F	0-3 MPH	0 %
End of Day	14:28	106 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration nonnative removal.
2. Hand tools,10.
3. 10, Nature's Image, Genero.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

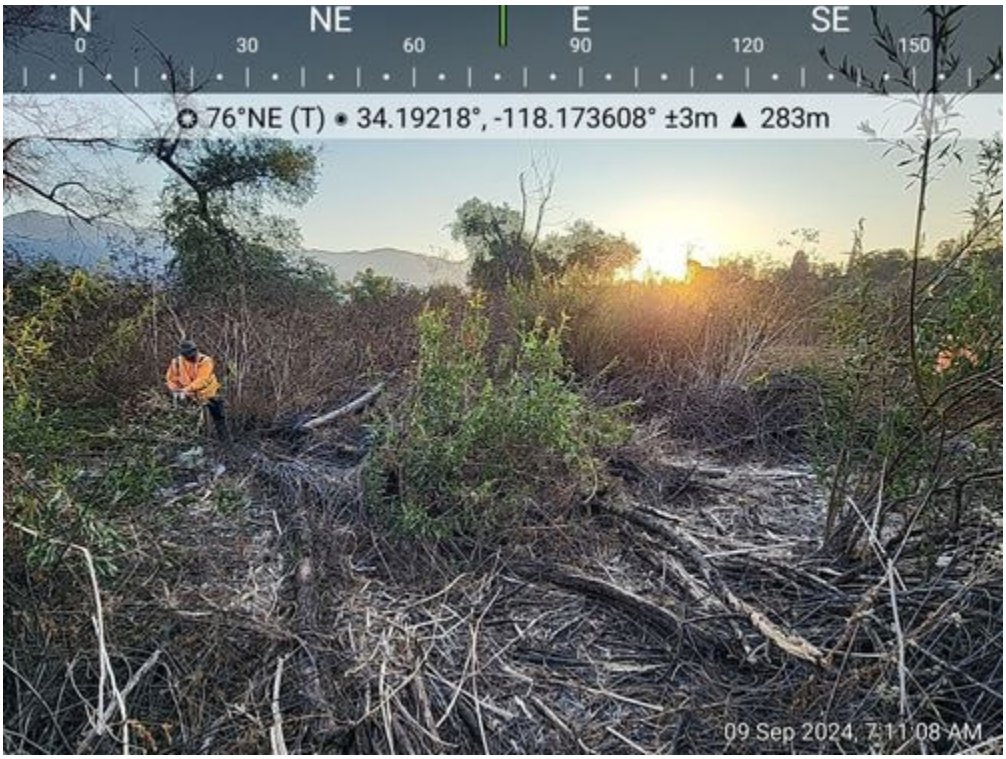
List of species observed while monitoring:
RSHA, AMKE, CASJ, ALHU, BEWR, AMCR, HOOR, and MODO.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Genero showed me the area where they'll be working in DG-4 and DG-4 WOUS CONNECTIONS.
0640 I began clearing the work area.
0657 I finished clearing the area, alerted the crew, the crew arrived shortly after and began weeding. Focus: *Conium maculatum*, *Brassica nigra*, and *Lepidium latifolium*. Method/tools: hand pulling and hand tools.
0850 Crew broke for first break.
0915 Crew returned from break and started watching a heat safety video.
0925 Crew returned from first break and heat safety video.
1050 Crew broke for lunch.
1155 Crew returned from lunch.
1330 Crew broke for second break and the crew from Perris left for the day.
1350 Crew returned from second break.
1405 Crew began wrapping up for the day.
1430 Crew finished putting everything away and left for the day.

Additional Comments
2 crew members working on irrigation.

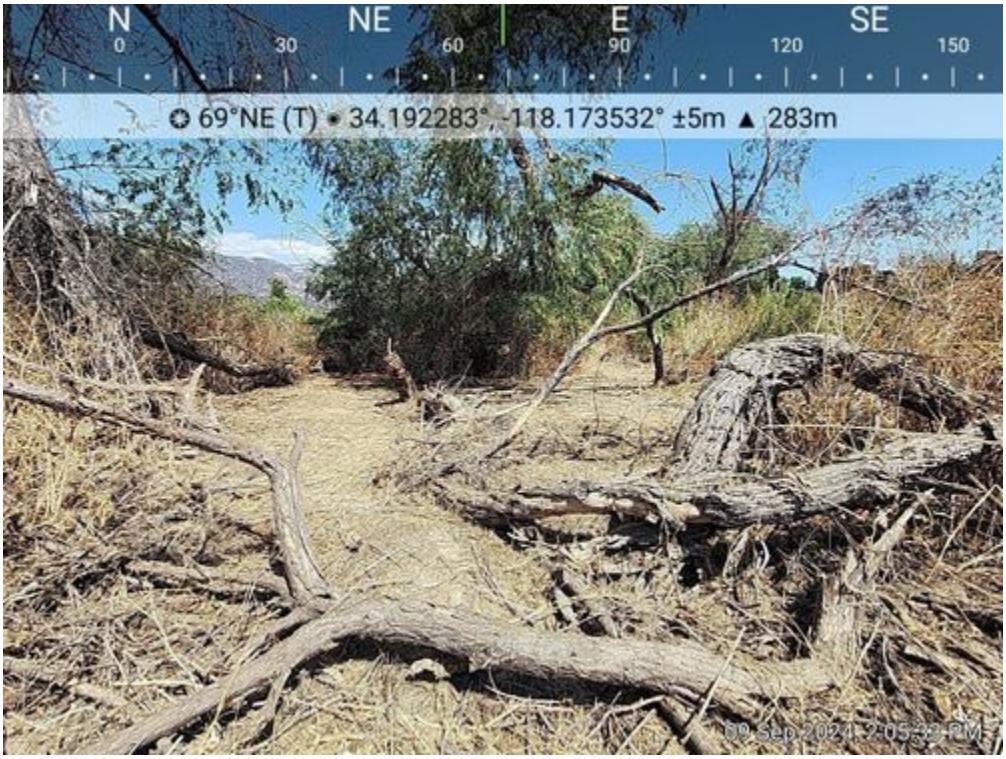
Signature



work_area_start_facingNE.jpg
-118.17360777777779 34.19217999999999

work_area_during_facingNE.jpg
-118.17352472222223 34.19220083333333

work_area_after_facingNE.jpg
-118.17352083333334 34.19219972222222



work_area_after_alternative_view_facingNE.jpg
-118.17353194444445 34.19228277777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Shelby Dunn
Company: ECORP
Date of Log: September 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	76 °F	0-3 MPH	0 %
End of Day	14:20	95 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation primarily perennial pepperweed and some mustard in DG-4.
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of 10

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 CORA BEWR ACWO NUWO OATI BGGN CASJ CALT ANHU BLPH SOSP LEGO ALHU RCPA CATH RSHA GREG MODO HOFI COHA RTHA TUVU, Desert cotton tail, Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrived at oak grove disc golf course
0630 Met Genaro who led to the work area
0635 Arrived at work area in DG-4 at 11S 391894 3784095. Informed crew will be working west of the slope, and moving north.
0640 Began preconstruction sweep of the work area for nests and other sensitive biological resources. No nests, nesting behavior observed, or other sensitive biological rescources observed.
0700 Cleared crew to begin work
0710 Crew began removing non-native vegetation by hand. Primarily removing perennial pepperweed
0735 Observed a fallen tree planted in DG-4 that was previously marked as "tree of concern"
0845 Crew paused work and walked back to cars to take a break
0925 Crew arrived back at DG-4 and began work
1045 Crew paused work and walked back to cars to take a lunch break
1210 Crew arrived back at DG-4 and began work
1320 Crew paused work and walked back to the cars to take a break. Seven crew members left
1355 Crew of 3 resumed work
1405 Informed by Genaro that the crew will not be removing vegetation for the rest of the day and will spend the rest of the workday cleaning up. Crew will pick up work in the same location tomorrow
1407 Checked in with ECORP PM
1420 Left site

Additional Comments
N/A

Signature

Vegetation_clearing_before__facingNE.jpg

Fallen_tree_in_DG_4_facingNE.jpg

Vegetation_clearing_during_facingN.jpg

Vegetaion_clearing_after_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: September 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:44	60 °F	0-3 MPH	0 %
End of Day	14:22	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal/weeding
2. Hand tools
3. Genaro (Nature's Image 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:
Silver Garden Orbweaver, Yellowjacket, Dragonfly sp., Western Honeybee, Blue sp., Cabbage White Western Fence Lizard, Coastal Whiptail BUSH, CALT, RSHA, NUWO, WREN, ACWO, CASJ, SOSP, BEWR, Amazona sp., AMCR, ANHU, CAQU, CATH, HOFI, WTSW, ALHU, MODO, SPTO, CAKI, OATI, AMKE Desert Cottontail (scat), California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went to sweep planned work area in DG-4. Also spoke to Genero about the bee hive removal.
0701- Crew started work in DG-4. They removing mustard and Hemlock. They working their way west of the slope.
0840- Crew stopped for a break.
0915- Crew resumed work after break.
0953- Crew found Yellowjacket nest. Crew is now moving away from the nest. Marked in fieldmaps.
1030- Went and Swept DG-4 Sheetflow area as they are finishing up work in DG-4.
1050- Crew stopped for lunch.
1055- Spoke to Tyson (beehive removal). I showed him where beehive is located.
1145- Crew resumed work after lunch. They are still working in DG-4.
1258- Tyson finished removing the beehive from the irrigation box by the road. He mentioned that their will be some stragglers for the next couple of days but will be gone. Passed information onto Carley A.
1315- Crew stopped for a break.
1345- Crew resumed work after taking break. Perris crew left for the day.
1421- Crew finished for the day.

Additional Comments
N/A

Signature

DG-4_prior_to_work_starting.jpg

Crew_starting_work_in_DG-4.jpg

Crew_working.jpg

Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: September 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:50	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nature's Image: Genaro, Roberto, +15 crew - Removing non-native plants (*Hirschfeldia incana*, *Lepidium latifolium*, *Conium maculatum*, tree of heaven) using hand tools (hand pulling, hoes machete) in DG-4 and DG-4 sheetflow.
2 crew members performed irrigation maintenance, 1 crew member removed cages from 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:
CALT CASJ CAQU ACWO HOFI WBNU AMCR CATH ALHU BUSH NOMO MODO BLPH SOSP LEGO KILL ANHU RTHA TUVU Amazona sp., Cottontail, California ground squirrel, side-blotched lizard, western fence lizard, Western honey bee, cabbage white butterfly, painted lady

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Met with crew.
0635 Genaro showed me the work area, I conducted pre-works sweep.
0700 Crew began pulling non-native vegetation. Crew member removing cages from planted plants. Multiple rat midden in area - showed crew what to look for and reminded to give them space.
0825 Crew take break and hold safety meeting.
0907 Crew resumed work. Sweep area ahead of vegetation clearing.
1050 Crew break for lunch.
1150 Crew resumed work. Biologist sweeps area ahead of crew.
1250 Mapped hornet nest in DG-4 discovered by crew member whilst he was pulling non-natives.
1320: Crew took a break.
1340: Majority of crew depart, leaving Genaro plus four workers.
1430: Crew wrapping up for the day - taking out removed vegetation on tarps, placing in dumpster near parking lot.

Additional Comments
N/A

Signature

Removing_tree_of)heaven_DG-4_091224.JPG
-118.17560277777778 34.19127222222222

Bundling_removed_vegetation_into_tarps_to_take_offsite_091224.JPG
-118.17557222222223 34.19136944444444

Crew_clearing_nonnatives_091224.JPG
-118.17566944444445 34.19133055555555

Removing_cages_from_plants_091224.JPG
-118.17548611111111 34.19123055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: September 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	100 %
End of Day	14:15	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Shovels, hoes.
3. Natures Image crews (Genaro Vargas foreman) 14 people total.

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, BUSH, SOSP, CALT, SPTO, LEGO, BLPH, CAQU, ALHU, CASJ, RCPA, COHA, cottontail, CATH, MODO, California ground squirrel, western fence lizard, BGGN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived on site
0630 G. Vargas shows me the work area in DG-4. Approximately 34.191455N, 118.175770W.
0702 Crew of seven shows up and starts pulling mainly poison hemlock. Two people on irrigation.
0722 Additional crew of five shows up with one person collecting cages. G. Vargas informs me plan next week is to start in far SE corner of site on slopes.
0843 Crew breaks.
0905 Crew returns.
1040 Crew goes on lunch.
1105 Beehive remover arrives.
1135 Crew returns from lunch. Bee remover heads to beehive in irrigation box to be removed with Genaro.
1220 G. Vargas informs me be remover is going to be about two hours and then will start yellowjacket hive.
1300 Additional crews leave. Three people return, pulling while one is on irrigation.
1321 Crew breaks.
1345 G Vargas picks up bee remover and takes him to yellow jacket hive. Crew returns and starts cleaning work area.
1415 Left site.

Additional Comments
N/A

Signature

Work_area_before_work.jpg

During_facingNW.jpg

End_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Taylor Soloranzo
Company: ICF
Date of Log: September 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	58 °F	4-6 MPH	95 %
End of Day	14:45	71 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan Medina 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: ACWO AMCR Parrot sp. ANHU LEGO CASJ OATI WREN CALT CORA RTHA MODO BEWR HOFI CAQU TUVU
Reptiles: Western Whiptail
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0655: Crew arrived on site.
0700: Safety tailgate.
0705: Crew begins work weeding DG-4 and DG-W-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
0900: Crew takes a break.
0915: Crew returns to work weeding in DG-4 and DG-W-2.
1015: Rest of crew arrived after vehicle trouble.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-4 and DG-W-2.
1445: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_species_removal_DG-4_facingE.jpg
-118.17447515555556 34.19331180555555

Invasive_species_removal_DG-4_facingN.jpg
-118.17395905555556 34.19377380555555

Invasive_species_removal_DG-4_facingS.jpg
-118.17314725 34.19357869444444

Invasive_species_removal_DG-W-2_facingNW.jpg
-118.17447926666667 34.19275929166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: September 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	98 %
End of Day	14:30	77 °F	0-3 MPH	85 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant removal
2. Shovels, hoes, chain saw
3. Natures Image (Genaro Vargas: 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:
NUWO, RCPA, AMCR, CAQU, KILL, cottontail, BLPH, ANHU, SOSP, AGOL, ALHU, California ground squirrel, COHA, CORA, side blotched lizard, coastal whiptail, CALT, RTHA, ACWO

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrived onsite.
0630 Crews and I follow G. Vargas to the upper parking lot in back SE corner of west side.
0640 G. Vargas shows me the work area in DG-4 along the slope and road to reservoir.
0656 Crews start working at approximately 34.186958 N, 118.177556 W, seven people pulling plants, two on irrigation.
0848 Crew breaks
0901 Crew returns
1046 Bee remover arrives. One crew member meets him and takes him to bee hives that need to be removed.
1048 Crew breaks for lunch. Genaro Vargas asks about removing fig trees in area. I ask Carley (ECORP) and she told us to remove them.
1140 Crew returns from lunch.
1250 Additional crews leave.
1300 Two-person crew starts cleaning work area.
1430 Left site

Additional Comments
N/A

Signature

Start_facingNE.jpg

Natures_Image_during_work.jpg

End_facingNE.jpg

FigTree_removed_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	51 °F	0-3 MPH	0 %
End of Day	14:34	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools, chainsaw, Kubota
3. Nature's Image crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

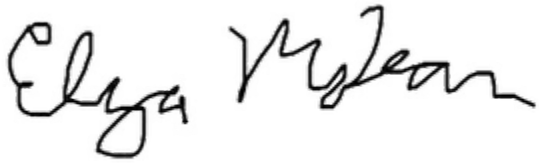
List of species observed while monitoring:
CALT RCPA BEWR ACWO BLPH AMCR BUSH EUST RUHU CASJ WREN MODO

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived on site.
0630 Checked in with Genaro. Drove over to the southern end of DG-4. No nesting activity in the area.
0700 Crew started removing nonnative plants, including fig trees.
0845-0915 Crew's morning break
0945 Crew started noticing some bees in the work area. Determined that bees were not honey bees or yellow jackets and were not aggressive. Told the crew they can continue working in this area.
1050 Crew stopped for lunch.
1130 Guided bee removal contractor to yellow jacket nest in DG-4, south of Nature's Image trailer. Headed back to restoration crew work area.
1200 Crew resumed work. Continued monitoring wildlife activity.
1420 Crew started cleaning up for the day.
1435 Left site.

Additional Comments
N/A

Signature



20240917_work_area_before_facingNE.jpg

20240917_work_area_EOD1_facingN.jpg

20240917_work_areaEOD2_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	14:50	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps (4), hula hoes, hoes, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: CASJ, CATH, CALT, AMCR, MODO, HOFI, NOMO, BLPH, OATI, BUSH, DEJU, WEBU, BEWR, LEGO, ACWO, RCPA, ANHU, NUWO, ATFL, EUST, CAQU, WTSW, CORA, RTHA, RSHA, SOSP, MAKE
Mammals: coyote, California ground squirrel, desert cottontail
Reptiles: western fence lizard, side-blotched lizard, western whiptail
Amphibians: NA
Invertebrates: gray buckeye, honeybee, harvester ant, cabbage white, dragon fly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on west side of site.
0645 Crew begins non-native vegetation removal on west side of arroyo secco in DG-W-2. Three crew members head to the east side of site for irrigation maintenance.
0900 Crew takes break.
0915 Majority of crew resumes work in DG-W-2. Irrigation maintenance on east side resumes. Crew lead informs and shows biologist of some willows with dry leaves on the east side.
1200 Crew takes lunch.
1230 Crew continues with vegetation removal on west side moving north.
1440 Crew begins to wrap up work for the day. Taking removed vegetation to the dumpster.

Additional Comments
N/A

Signature

Vegetation_removed_facingE1.jpg
-118.17502038055557 34.192878111111106

Johnsonfield_willows_facingS.jpg
-118.17114910000001 34.19123669444444

DG4_western_whiptail_facingW.jpg
-118.17404198055556 34.192252027777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: September 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	60 °F	0-3 MPH	0 %
End of Day	14:50	78 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration, nonnative removal.
2. Hand tools, 9; circular blade pole saw,
3. 9, Nature's Image, Genero.

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, Amazonia sp., CAQU, CALT, AMCR, CASJ, EUST, CAKI, BLPH, Alligator lizard species, ALHU, BEWR, and TUVU.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0630 Genero, the crew, and I caravanned to the work area in DG-4 near the dam.
0640 Genero showed me where they will be working and began clearing the area.
0655 I finished clearing the area, alerted the crew, and they began work shortly after. Focus: *Ficus carica*, *Lepidium latifolium*, *Brassica nigra*, non-native *Rumex* sp. Tools/method: hand tools and circular blade pole saw; hand pulling and mechanical removal.
0850 I safely relocated a species of alligator lizard the crew found where they were walking with tarps, and they broke for the first break.
0920 Crew returned from first break.
1050 Crew broke for lunch.
1135 Crew returned from lunch.
1330 Crew broke for second break and crew from Perris left for the day.
1350 Crew returned from second break.
1435 Crew began wrapping up for the day.
1450 Crew finished putting everything away and left for the day.

Additional Comments
N/A

Signature

main_work_area_start_facingN.jpg
-118.17698777777778 34.18615694444444

main_work_area_end_facingN.jpg
-118.17696694444444 34.186168888888886

main_work_area_alternative_view_facingWSW.jpg
-118.17677972222222 34.18652888888889

removed_ficus_carica_stumps_facingW.jpg
-118.17708777777779 34.18633194444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:50	72 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?
Construction Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: WREN, BEWR, RCPA, CASJ, BLPH. AMCR, ACWO, AMKE, CALT, SOSP, BUSH, CATH, SPTO, ANHU, BTPI, RSHA, ALHU, HOFI, LEGO, CORA, CAQU
Mammals: coyote, desert cottontail, California ground squirrel, bobcat (track)
Reptiles: western fence lizard, western whiptail
Amphibians: western toad
Invertebrates: harvester ant, honey bee, leaf hopper assassin bug, marine blue, dragon fly, pale cross orb weaver, yellow jacket, hover fly, carpenter bee, weevil

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew arrives on site.
0650 Crew begins vegetation removal in Johnson Field. Irrigation is turned on and additional plantings watered.
0840 Observed one bobcat track.
0859 Observed deceased western toad.
0900 Crew takes break.
0915 Crew returns to Johnson field moving their way south towards DG2.
1200 Crew takes lunch.
1230 Crew returns to vegetation removal in DG2.
1430 Crew heads out of restoration area.
1440 Crew throws away removed vegetation.

Additional Comments
N/A

Signature

Bobcat_track_facingS.jpg
-118.17246501111111 34.19092233333333

DG2_vegetation_removed_facingW2.jpg
-118.17210843055555 34.18998471111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: September 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:01	75 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration. Clearing pepperweed and mustard in south DG-4
2. Hand tools
3. 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:
BLPH, CALT, SOSP, BUSH, KILL, CORA, ALHU, CASJ, ACWO, BEWR, RSHA, SBMU, NUWO, LEGO, California ground squirrel, western fence lizard, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- On site. Caravan to work area.
0640- Survey work area.
0655- Work area clear. Waiting for some crew members to arrive. Light rain falling, no indication of precipitation on weather radar.
0717- Rain stops, crew on site. Begin clearing in south end of DG-4 near basin exit ramp. Clearing pepperweed, mustard.
0900- Break.
0920- Resume work.
1048- Begin cleaning up before lunch.
1200- Resume work in same area. Clearing nonnatives from slope of exit haul road.
1320- Crew break.
1345- Crew cleaning up work areas.
1405- Depart site.

Additional Comments
N/A

Signature

photo_1-DG-4_before_clearing_facingN.jpg

photo_2-DG-4_work_area_after_removal_facingSW.jpg

photo_3-removing_weeds_on_road_slope_facingN.jpg

photo_4-pepperweed_removal_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61 °F	0-3 MPH	100 %
End of Day	14:35	69 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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, RCPA, AMCR, AMKE, ACWO, ANHU, WREN, SOSP, CASJ, CAQU, OCWA, BUSH, BLPH, MODO, KILL, SPTO, RSHA, WTSW, HOFI, BGGN, BEWR, NUWO, OATI, WBNU, WETA, NOMO, TUVU
Mammals: desert cottontail, California ground squirrel, pocket gopher, fox squirrel
Reptiles: western fence lizard, side-blotched lizard
Amphibians: NA
Invertebrates: orb weaver, blow fly, leaf hopper, yellow jacket, honeybee, dragonfly, harvester ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew arrives on site.
0650 Crew begins vegetation removal in DG-2. Irrigation is turned on and the lines checked for leaks.
0835 Observed non-native lily and showed it to crew lead to be removed.
0900 Crew takes break.
0915 Crew begins vegetation removal in DG-3B.
0935 Observed American crow carrying a mouse.
1040 Observed pocket gopher.
1200 Crew takes lunch.
1230 Crew returns to vegetation removal in DG-3B.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DG-2WOUS_prevegetation_removal_facingE.jpg
-118.17295460000001 34.18843888888888

DG-2WOUS_post_vegetation_removal_facingE.jpg
-118.1729553888889 34.18843452777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: September 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	55 °F	0-3 MPH	100 %
End of Day	14:22	74 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding and vegetation removal
2. Hand pulling and hand tools
3. Genaro (Nature's Image 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:
Yellowjacket, Cabbage White, Common Side-Blotch, Western Fence Lizard, CAQU, ACWO, CALT, SOSP, ANHU, NUWO, ACWO, Amazona sp., BUSH, BLPH, KILL, COHA, NOFL, BEWR, CASJ, WREN, ALHU, HOFI, LEGO, OATI, Desert Cottontail, Coyote, Woodrat, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site. Went to sweep planned work area in DG-4.
0655- Crew started work in DG-4. They are removing pepperweed, mustard, and hemlock.
0845- Crew stopped for break.
0915- Crew resumed work after break and working their way north.
1045- Crew stopped for lunch. They also had a safety meeting on site with Raul (Nature's Image).
1130- Crew resumed work after lunch.
1302- Perris Crew left for the day. Rest of Crew is still working.
1330- Crew stopped for a break.
1345- Crew resumed work after break.
1421- Crew finished for the day. They plan on continuing to work in DG-4 close to the dam. They will continue to move north but will move in an "S" pattern to circle back towards the dam. (34.1870069, -118.1772799)

Additional Comments
N/A

Signature

DG-4_prior_to_work_starting.jpg

Crew_starting_work_in_DG-4.jpg

Crew_working_in_DG-4.jpg

Crew_finishing_up_in_DG-4.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58 °F	0-3 MPH	100 %
End of Day	13:45	71 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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, ACWO, AMCR, BLPH, RCPA, ATFL, AMKE, CAQU, BUSH, BEWR, CASJ, CATH, SOSP, SPTO, NUWO, WCSP, ANHU, EUST, BGGN, KILL, SAPH, RSHA, MODO
Mammals: desert cottontail, California ground squirrel
Reptiles: western fence lizard, western whiptail
Amphibians: NA
Invertebrates: honeybee, blow fly, yellow jacket, dragonfly, harvester ant, gray buckeye, cabbage white, Argentine ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew arrives on site.
0645 Observed coyote leave retaining pond heading into riverbed.
0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.
0900 Crew takes break.
0915 Crew continues vegetation removal on side slopes.
1200 Crew takes lunch.
1230 Crew begins vegetation removal in DG-3A, and irrigation is turned off.
1330 Crew wraps up work for the day.

Additional Comments
N/A

Signature

Coyote_leaving_retaining_pond_facingN.jpg
-118.1714568 34.192465694444444

SideSlopes_prevegetation_removal_facingE.jpg
-118.17393686111112 34.187093499999996

SideSlopes_vegetation_removed_facingE1.jpg
-118.17387151944445 34.187030899999996

SideSlopes_post_vegetation_removal_facingE.jpg
-118.17396947222223 34.18707186944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Shelby Dunn
Company: ECORP
Date of Log: September 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	62 °F	0-3 MPH	0 %
End of Day	15:00	91 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation primarily perennial pepperweed, curly doc, and some tree of heavan in the southern most portion of DG-4.
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of 7

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 BLPH ACWO CALT WTSW ALHU KILL BHCO (in traps) RCPA AMCR OATI HUVI OCWA LEGO NUWO CASJ COHA WEWP BUSH BEWR RSHA, Western fenced lizard, Side blotched lizard, Coastal whiptail, Western toad, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625 Arrived at oak grove disc golf course and followed Genaro by car to the work area.
0635 Arrived at work area, the southwestern most point of DG-4.
0640 Began a sweep of work area for sensitive biological resources.
0700 Finished sweep of work area. No sensitive biological resources found. Cleared crew to begin work.
0703 Crew began work removing non-native vegetation. The crew is primarily removing pepperweed and curly dock, and some tree of heaven.
0830 Crew took break.
0900 Crew resumed work.
0930 Observed crew member weeding rough cocklebur. Cocklebur is mixed in with dead curly doc and was accidentally confused.
0932 Walked north to where another group of the crew was working and and found more cocklebur had been weeded.
0935 Informed Genaro of the issue which was corrected. Genero informed crew of the issue and to avoid the plant because it is native.
1045 Crew took lunch.
1200 Crew resumed work.
1330 Crew took a break.
1345 Four crew members left site (Perris crew)
1355 Crew of four resumed work
1430 Crew finished pulling weeds and began cleaning up
1435 Spoke with Genaro about the conclusion of the workday and plan for tomorrow. Crew plans to pick up work in same location tomorrow
1445 updated next restoration monitor
1500 left site

Additional Comments

Observed multiple areas where the crew had began weeding the native rough cocklebur and reminded them to avoid the plant

Signature

Work_area_before__facingE.jpg

Work_area_after_facing_E.jpg

Work_area_during__facingE.jpg

Rough_cocklebur_in_weed_pile_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	14:45	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, BLPH, WREN, AMKE, MODO, CALT, BEWR, COHA, CASJ, SOSP, OCWA, OATI, HOFI, RCPA, ALHU, SAPH, WTSW, WCSP, KILL, BUSH, CATH, BGGN, NUWO, CAQU, CORA, SPTO, ACWO
Mammals: desert cottontail, California ground squirrel, fox squirrel,
Reptiles: western fence lizard, western whiptail, side-blotched lizard
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, hover fly, Argentine ant, blow fly, yellow jacket, cabbage white, sulphurs, gray buckeye, gulf fritillary, carpenter bee

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.
0900 Crew takes break.
0915 Crew continues vegetation removal on side slopes working south.
1100 Observed new growth on willows that appeared stressed early last week.
1200 Crew takes lunch.
1230 Crew continues vegetation removal on side slopes and irrigation maintenance.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

SideSlopes_vegetation_removed_facingN.jpg
-118.17346644444444 34.18656591944444

JohnsonField_willow_new_growth_facingNW.jpg
-118.17119561944445 34.19183903888889

SideSlopes_vegetation_removed_facingN1.jpg
-118.17367366666667 34.18650977777777

Western_whiptail_facingN.jpg
-118.17233398055556 34.18956101944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: September 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	15:00	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.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL COHA EUST OCWA YWAR BHGR WBNU BTPI RCPA TUVU AMKE KILL
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in the Side Slopes with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in Side Slopes.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Side Slopes.
1500: Crew stops work for the day.

Additional Comments
Photo 1 name: Invasive_removal_Side_Slopes_facingW

Signature

Invasive_removal_Side_Slopes_facingW.jpg

Invasive_removal_Side_Slopes_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: September 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	63 °F	0-3 MPH	100 %
End of Day	14:45	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration nonnative removal.
2. Hand tools, 4.
3. 4, Nature's Image, Genero.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Amazonia sp., AMCR, BEWR, CALT, CASJ, BUSH, SOSP, OCWA, CORA, KILL, NUWO, MODO, HOFI, ANHU, BLPH, and RSHA.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite
0635 Genero caravanned the crew and I over to where they are continuing work in DG-4 near the dam.
0645 Genero showed me to the work area, and I began clearing it.
0700 I alerted the crew they were clear and they began work shortly after. Focus: *Lepidium latifolium*, *Rumex crispus*, *Raphanus raphanistrum* Method/tools: hand pulling/hand tools.
0855 Crew broke for first break.
0925 Crew returned from first break.
1050 Crew broke for lunch.
1135 Crew returned from lunch.
1325 Crew broke for second break.
1350 Crew returned from second break.
1425 Crew began wrapping up for the day.
1445 Crew finished putting everything away and has left for the day.

Additional Comments
N/A

Signature

work_area_during_facingSSE.jpg
-118.17688777777778 34.187059999999995

work_area_after_facingSSE.jpg
-118.17386583333334 34.18629194444444

work_area_alternate_view_after_facingNW.jpg
-118.17691388888889 34.18734499999999

work_area_alternate_view_after2_facingNW.jpg
-118.17702777777778 34.18718583333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: September 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58 °F	0-3 MPH	100 %
End of Day	14:45	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

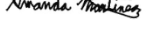
List of species observed while monitoring:
Birds: AMCR, CORA, CATH, AMKE, CASJ, BUSH, RCPA, CALT, ALHU, WCSP, SOSP, OATI, BLPH, RSHA, CAQU, NOMO, OCWA, SPTO, MODO, SAPH, HOFI, COYE, KILL, BEWR, WTSW, ACWO, WEBU, MALL, RTHA, COHA, BTPI, WREN
Mammals: desert cottontail, California ground squirrel, fox squirrel
Reptiles: gopher snake, western fence lizard, western whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, yellow jacket, cabbage white, carpenter bee, gray buckeye

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew arrives on site.
0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.
0750 Additional plantings watered.
0900 Crew takes break.
0915 Crew continues vegetation removal on side slopes working south.
1030 Observed red-tailed hawk mob red-shouldered hawk.
1050 Observed gopher snake on trail. Encouraged it to move to safer location off of the trail.
1200 Crew takes lunch.
1230 Crew continues vegetation removal along DG trail east and irrigation maintenance.
1425 Observed RTHA with pocket gopher in talons perch onto utility pole.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature



RSHA_perched_facingS.jpg
-118.17226894444445 34.18921994444444

SideSlopes_vegetation_removed_facingE2.jpg
-118.17369488055556 34.185653849999994

Gopher_snake_along_trail_facingE.jpg
-118.17353973055556 34.185821338888886

DGeast_trail2_vegetation_removed_facingE.jpg
-118.17216198055556 34.18964136944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: September 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	100 %
End of Day	14:15	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovel, hoe
3. Natures Image 4-person crew. Two on irrigation, two pulling.

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, BEWR, RCPA, BLPH, ANHU, NUWO, MODO, CAQU, LEGO, SOSP, CALT, western fence lizard, CASJ, BGGN, WIWA, BUSH

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite
0630 G. Vargas (N. I. foreman) lead me to parking area.
0640 shows me work area in DG-4 approximately 34.187141N, 118. 177266W. Two man crew starts pulling while two work on irrigation.
0835 crew breaks.
0900 crew returns.
0936 find a few fig trees in the area and a blue passionflower plant marked for removal in field maps. G. Vargas says most likely will be removed Friday when more crew is present.
1050 crew breaks for lunch.
1135 crew returns.
1221crew leaves site to get truck from mechanic shop down the street.
1243 crew returns
1320 crew breaks
1345 crew returns and starts cleaning up work area.
1430 left site

Additional Comments
N/A

Signature

Morning_facingNE.jpg

Afternoon_while_work_is_taking_place.jpg

Work_area_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: September 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °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 species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR NOFL COHA EUST BHGR WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG
Reptiles: western fence lizard, side-blotch lizard
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-East Trail 3 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew begins invasive species removal in DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-East-Trail-3_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: September 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	14:36	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Handheld hoe
3. Natures Image: three crew members (including Linda, foreman today)

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, ground squirrel, western fence lizard, California king snake, tarantula hawk RSHA CAQU AMCR RCPA BEWR ACWO BUSH CALT HOFI ANHU EUST TOWA SOSP RTHA COHA WIWA SPTO BLPH WTSW RCKI WCSP WREN KILL CORA OATI

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Met Linda in DG4 parking lot. Genaro not with crew today. Followed to work area in southern end of DG4
0645 Surveyed and cleared work area prior to crew starting
0655 Crew began work. Crew of three today: Linda plus two
0830-0850 Crew took break #1
0850-1040 Crew working
1040-1140 Crew lunch break (Linda returned at 1140, crew member #2 returned at 1200, crew member #3 returned at 1205)
1140-1330 Crew working
1330-1400 Crew break #2
1400-1425 Crew working
1425 Crew finished pulling for the day. Headed to dispose tarps and final cleanup. End of monitoring

Additional Comments
N/A

Signature

vegetation_clearing_area1_before_facingN.jpg

vegetation_clearing_area1_after_facingN.jpg

vegetation_clearing_area2_before_facingW.jpg

vegetation_clearing_area2_after_facingW.jpg
-118.17731758333333 34.18746380555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: September 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	13:55	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities include irrigation and the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools including pruning shears and hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: Red-masked Parakeet, AMCR, WREN, CALT, WCSP, CASJ, CATH, ANHU, SPTO, KILL, SOSP, RSHA, BUSH, BEWR, HOFI, LEGO
Herps: San Diegan Tiger Whiptail, Great Basin Fence Lizard
Mammals: California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF biologist and Gothic arrived at Johnson Field staging area.
0640 - Gothic crew working on irrigation and removal of non-native invasive plant species around Johnson Field (DG-W-1 and DG-2).
0900 - Gothic crew on AM break.
0915 - Gothic crew back to work around Johnson Field.
1200 - Gothic crew on lunch break.
1230 - Gothic crew back to work around Johnson Field.
1345 - Gothic crew demobilizing and securing cuttings into trash receptacle.
1355 - Gothic crew and ICF biologist leaving area.

Additional Comments
N/A

Signature

Crew_transporting_cut_weeds_FacingW.jpg
-118.17217587777779 34.190594138888888

Crew_collecting_weed_material_FacingNW.jpg
-118.17212919444445 34.190558519444444

Crew_weeding_removing_debris_facingS.jpg
-118.1729366388889 34.18856753333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: September 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:13	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants including pepperweed, passionflower, fig.
2. Hand tools, weed whacker, chainsaw
3. Nature's Image crew of ~10

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

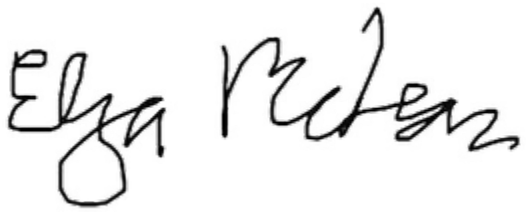
List of species observed while monitoring:
CASJ CALT ACWO WCSP SOSP CORA BLPH California ground squirrel, desert cottontail, side-blotched lizard, tarantula hawk

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0625 checked in with Genaro. Drove to south end of DG-4. Conducted pre-activity sweep, no wildlife in the immediate work area.
0700 crew started working.
0845-0915 crew morning break.
1050-1150 crew lunch.
1320-1350 crew afternoon break.
1400 crew starts cleaning up for the day.
1415 left site. Plan for next week: continue working in the south end of DG-4, working north.

Additional Comments
N/A

Signature



20240927_workarea1before_facingNW.jpg

20240927_workarea2before_facingW.jpg

20240927_workarea1EOD_facingNW.jpg

20240927_workarea2EOD_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: September 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	0 %
End of Day	14:55	93 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: AMCR, CORA, RCPA, SPTO, SOSP, CALT, CASJ, BLPH, BUSH, WCSP, YRWA, ANHU, COYE, NUWO, BGGN, CATH, WREN, RCKI, KILL, BEWR, NRWS, HOFI, COHA, WIWA, CAKI, ACWO, OCWA, EUST, WTSW, MODO, LEGO, LISP, OATI, GREG, SNEG, SBMU, ALHU, BTPI, RTHA, RSHA, AMKE
Amphibians: N/A
Reptiles: western fence lizard, western whiptail
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals in Johnson Field on the east half of the site.
0715: Juan and several workers turn on the irrigation throughout the site.
0900: Crew takes a break.
0915: Crew resumes work in same areas on east side, progressively moving southward into DG-2 and WOUS trails.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Weed_removal_JohnsonField_facingS.jpg
-118.17190929722223 34.19189093333333

Established_coffeeberry_JohnsonField_facingN.jpg
-118.17186915555556 34.19107809444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: September 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	0 %
End of Day	14:25	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovels, hoes
3. Natures image (two additional crews)

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, ANHU, RSHA, SOSP, BEWR, CALT, coastal whiptail, WIWA, western fence lizard, cottontail, California ground squirrel, BLPH, western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived onsite.
0630 followed the crew up to the parking area.
0636 G. Vargas shows me work area in DG-4 approximately 34.187868 N, 118.177191W 0657 area cleared. Crew starts working. Two crew members on irrigation tasks, two cutting fig trees in area with chain saw, others pulling.
0744 crew finds active beehive. Marked as hazard in field maps.
0752 G. Vargas shows me the next work area crew is to move to when they complete current area. Approximately 33.185911N, 118.177407W 0849 crew breaks.
0915 crew returns.
1050 crew goes to lunch.
1145 crew returns from lunch.
1345 crew breaks. Additional crews leave for the day.
1400 crew finished cleaning up work area.
1425 left site.

Additional Comments
N/A

Signature

Active_bee_hive_facingNE.jpg

RemovedFigTrees_facingSE.jpg

CrewPulling_facingNE.jpg

Fourth Quarter Compliance Report for Activities Occurring between October 2024 and December 2024 for the Devil's Gate Reservoir Restoration Project

Los Angeles County, California

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January 2025

CONTENTS

1.0 INTRODUCTION 1
1.1 Purpose 1
2.0 COVERED ACTIVITIES 1
2.1 Biological Monitoring 1
2.2 Habitat Restoration Activities 4
3.0 SATISFACTION OF ITP CONDITIONS 5
4.0 MITIGATION MONITORING AND REPORTING PROGRAM 5

LIST OF TABLES

Table 1. Monitors Onsite during Workdays 2
Table 2. Devil's Gate Mitigation Monitoring and Reporting Program 6

LIST OF APPENDICES

Appendix A – CNDDB Forms
Appendix B – Habitat Restoration Monitoring Logs

LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
CESA	California Endangered Species Act
CDFW	California Department of Fish and Wildlife
CNDDB	California Natural Diversity Database
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
Project	Devil's Gate Reservoir Restoration Project

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 2024 (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 25th report (Quarterly Compliance Report Number 25) 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, 2024 (reporting period).

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."

No construction activities occurred during the fourth quarter. During quarter four, long-eared owl (*Asio otus*), a CDFW Species of Special Concern was observed within the site on two separate occasions. Observations for long-eared owl submitted to the California Natural Diversity Database (CNDDB) are included in Appendix A.

Daily biological 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.

Table 1. Monitors Onsite during Workdays	
Date	**Restoration Monitors**
10/1/2024	Amanda Martinez, Justin Stuart
10/2/2024	Amanda Martinez, Eliza McLean
10/3/2024	Amanda Martinez, Daniel Jaques
10/4/2024	Kristen Klinefelter, Justin Stuart
10/7/2024	Kristen Klinefelter, Verity Richardson
10/8/2024	Kipp Marzullo, Justin Stuart
10/9/2024	Kipp Marzullo, Sam Harrison
10/10/2024	Amanda Martinez, Daniel Jaques
10/11/2024	Terry Hurt, Amber Francis
10/14/2024	Phillip Richards, Daniel Jaques
10/15/2024	Amanda Martinez, Carly Tailor
10/16/2024	Phillip Richards, Justin Stuart
10/17/2024	Kristen Klinefelter, Eliza McLean
10/18/2024	Amanda Martinez, Carly Tailor
10/21/2024	Amanda Martinez, Carly Tailor
10/22/2024	Kristen Klinefelter, Daniel Jaques
10/23/2024	Phillip Richards, Verity Richardson
10/24/2024	Kristen Klinefelter, Justin Stuart
10/25/2024	Amanda Martinez, Daniel Jaques
10/28/2024	Kristen Klinefelter, Carly Tailor
10/29/2024	Amanda Martinez, Sam Harrison
10/30/2024	Cole Sutter, Eliza McLean
10/31/2024	Phillip Richards, Daniel Jaques
11/1/2024	Amanda Martinez, Sam Harrison
11/4/2024	Taylor Solorzano, Justin Stuart
11/5/2024	Taylor Solorzano, Carly Tailor
11/6/2024	Philip Richards, Daniel Jaques
11/7/2024	Philip Richards, Eliza McLean
11/8/2024	Kristen Klinefelter, Sam Harrison
11/11/2024	Cole Sutter, Amber Francis
11/12/2024	Phillip Richards, Sam Harrison
11/13/2024	Amanda Martinez, Eliza McLean

Table 1. Monitors Onsite during Workdays	
Date	**Restoration Monitors**
11/14/2024	Cole Sutter, Sam Harrison
11/15/2024	Amanda Martinez, Justin Stuart
11/18/2024	Amanda Martinez, Josh Harris
11/19/2024	Vincent Baker, Justin Stuart
11/20/2024	Phillip Richards, Carly Tailor
11/21/2024	Amanda Martinez, Justin Stuart
11/22/2024	Kristen Klinefelter, Amber Francis
11/25/2024	Phillip Richards, Sam Harrison
11/26/2024	Amanda Martinez, Justin Stuart
11/27/2024	Vincient Baker, Eliza McLean
11/28/2024	No Work – Thanksgiving
11/29/2024	No Work – Day After Thanksgiving
12/2/2024	Vincent Baker, Daniel Jaques
12/3/2024	Phillip Richards, Sam Harrison
12/4/2024	Phillip Richards, Verity Richardson
12/5/2024	Kristen Klinefelter, Amber Francis
12/6/2024	Amanda Martinez, Carly Tailor
12/9/2024	Kristen Klinefelter, Shelby Dunn
12/10/2024	Amanda Martinez, Carly Tailor
12/11/2024	Amanda Martinez, Amber Francis
12/12/2024	Vincent Baker, Daniel Jaques
12/13/2024	Amanda Martinez, Carly Tailor
12/16/2024	Cole Sutter, Sam Harrison
12/17/2024	Amanda Martinez, Shelby Dunn
12/18/2024	Amanda Martinez, Eliza McLean
12/19/2024	Phillip Richards, Carly Tailor
12/20/2024	Vincent Baker, Eliza McLean
12/23/2024	No Work – Gothic, Amber Francis
12/24/2024	No Work – Gothic, Eliza McLean
12/25/2024	No Work – Christmas Day
12/26/2024	Vincent Baker, No Work – Natures Image
12/27/2024	Amanda Martinez, No Work – Natures Image

Table 1. Monitors Onsite during Workdays	
Date	**Restoration Monitors**
12/30/2024	Vincent Baker, Justin Stuart
12/31/2024	Amanda Martinez, Justin Stuart

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

2.2 Habitat Restoration Activities

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

- Restoration activities continued from October 1, 2024 through December 31, 2024.
- Low-growing non-native plants including lamb's quarters (*Chenopodium album*), poison hemlock (*Conium maculatum*), black mustard (*Brassica nigra*), castor bean (*Ricinus communis*), scarlet pimpernel (*Lysimachia arvensis*), tree tobacco (*Nicotiana glauca*), white horehound (*Marrubium vulgare*), common stork's bill (*Erodium cicutarium*), bluecrown passionflower (*Passiflora caerulea*), tree of heaven (*Alianthus altissima*), Spanish broom (*Spartium junceum*), common mullein (*Verbascum thapsus*), milkweed (*Euphorbia peplus*), short podded mustard (*Hirschfeldia incana*), prickly lettuce (*Lactuca serriola*), dwarf nettle (*Urtica urens*), barnyard grass (*Echinochloa crus-galli*), brome grass (*Bromus* sp.), and shattercane (*Sorghum* sp.) were removed from DG-1, DG-2, DG-2A, DG-2-WOUS, DG-W-2, DG-W-2 mining pit (and outlet), DG-3A, DG-3B, DG-4, DG-4A, DG-4 Sheetflow, DG-4B, DG-4 WOUS, DG-4 WOUS connections, and DG-8 onsite restoration areas and the side slopes within the site by hand pulling and using small hand tools, shovels, weed whips, hula hoes, one-line trimmers and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Select native plants including dodder (*Cuscuta 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 and maintain trails.
- Cages from established container plants were removed.
- Irrigation systems were maintained and monitored.

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 January 1 to March 31, 2025.

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 continued to be present during restoration activities requiring vegetation removal during the 2024 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 2024 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 (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, 3/17/21-3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22, 7/20/23–8/13/23, 7/26/23, 7/31/23, 8/1/23, 6/17/24, 6/20/24, 6/21/24, 6/28/24 **7/2/24**	Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024 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 2024. Preconstruction surveys for sensitive species was conducted by qualified biologists on July 2, 2024. No preconstruction surveys took place during the fourth quarter of 2024.
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	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal;	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 03/1/21–4/16/21	Preconstruction surveys for nesting birds were completed during the third quarter of 2024. Active bird nests within 500 feet of the Project site were

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
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.	Reservoir Management					08/30/22, 09/08/22, 7/19/23, 7/28/23, 8/3/23, 8/11/23, 6/10/24, 6/17/24, 6/28/24, 7/9/24	documented and appropriate no-work buffers were established. Designated Biologists monitored Project construction and restoration activities daily during the nesting season during the third quarter 2024 reporting period. The fourth quarter reporting period is outside of the nesting bird season.
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: • 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: o Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. o 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. o 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.	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 surveys related to this measure were required during the 2024 fourth quarter reporting period.

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
The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.							
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: • 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: o Site-specific container plant (if applicable) 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 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.	Reservoir Management • 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 • 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 2024 fourth quarter reporting period.

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
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: 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.							
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management • 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	Pre-Sediment Removal; Sediment Removal; Reservoir Management • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports	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 2024 fourth quarter reporting period.

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
	• Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports	• Prepare Annual Reports • Achieve Mitigation Site Sign-Off					
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: • 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: 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,	Reservoir Management • 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 • 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 2024 fourth quarter reporting period.

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
○ 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: ○ 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.							

Notes: CDFW = California Department of Fish and Wildlife; CNDDB = California Natural Diversity Database; LACFCD = Los Angeles County Flood Control District; LACPW = Los Angeles County Public Work; 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.

LIST OF APPENDICES

Appendix A – CNDDB Forms

Appendix B – Habitat Restoration Monitoring Logs

APPENDIX A

CNDDB Forms

CNDDB 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/

This data has been reported to the CNDDB, but may not have been evaluated by the CNDDB staff

Source code FRA24F0019
Quad code 3411822
Occ. no. _____
EO index no. _____
Map index no. _____

Scientific name: *Asio otus*

Common name: long-eared owl

Date of field work (mm-dd-yyyy): 12-11-2024

Comment about field work date(s):

OBSERVER INFORMATION

Observer: Amber Francis

Affiliation: ECORP Consulting, Inc.

Address:

Email: afrancis@ecorpconsulting.com

Phone: (909) 788-9804

Other observers:

DETERMINATION

Keyed in:

Compared w/ specimen at:

Compared w/ image in:

By another person: Carly Tailor-bird biologist with 10+ years of experience

Other:

Identification explanation:

Identification confidence: Very confident

Species found: Yes **If not found, why not?**

Level of survey effort: High- Observer/biologist was on-site looking for wildlife species that may be impacted by restoration activities and foot traffic.

Total number of individuals: 1

Collection? No **Collection number:**

Museum/Herbarium:

ANIMAL INFORMATION

How was the detection made? Seen

Number detected in each age class:

adults	juveniles	larvae	egg mass	other
1				

Age class comment:

Bird site use:

☐ **Nesting** ☐ **Rookery** ☐ **Nesting colony** ☐ **Burrow site** ☐ **Lek**

☑ **Non-breeding (over-wintering)** ☐ **Communal roost** ☐ **Other (foraging, fly-over, etc.)**

Site use description: Individual observed in low riparian woodland perched in a tree with a substantial amount of whitewash beneath.

What was the observed behavior? Owl was perched in a tree.

Describe any evidence of reproduction:

SITE INFORMATION

Habitat description: Low riparian woodland consisting of willows, mulefat, and nettle.

Slope: Landowner/manager:

Aspect:

Site condition + population viability: Excellent

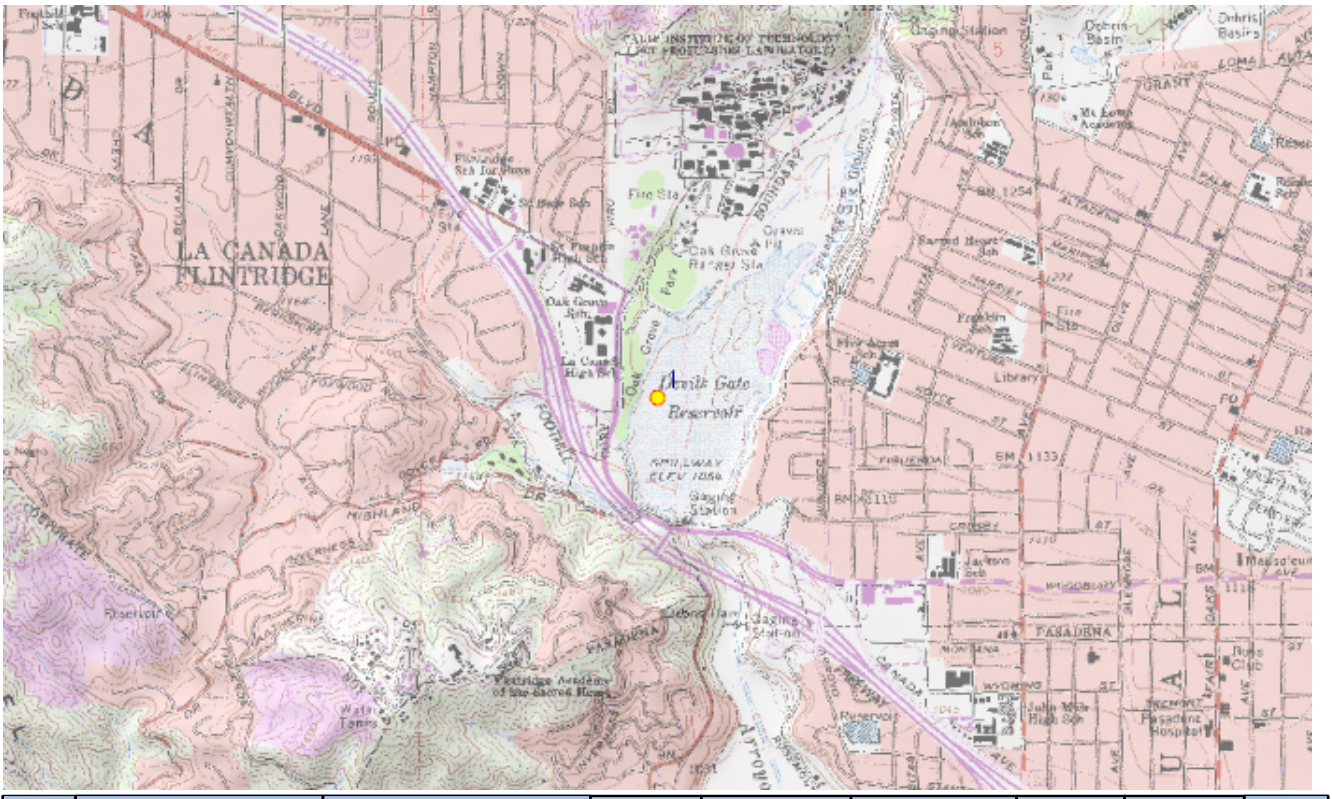
Immediate & surrounding land use: Devil's Gate Habitat Restoration Area

Visible disturbances:

Threats: Low threats- area is closed to the public as it is a restoration area, however, there are periodic trespassers using the trails throughout the restoration area.

General comments:

MAP INFORMATION



ID	County	24K Quadrangle	Elev. (ft)	Latitude NAD83	Longitude NAD83	UTM E NAD83	UTM N NAD83	UTM Zone
	Los Angeles	Pasadena	1027	34.19010	-118.17640	391602	3783860	11
1	**Public Land Survey**	**Feature Comment**						
	S T01N R12W 7							

The mapped feature is accurate within: 5 m

Source of mapped feature: ArcGIS Fieldmaps

Mapping notes:

Location/directions comments:

Attachment(s):

CNDDB 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/

This data has been reported to the CNDDB, but may not have been evaluated by the CNDDB staff

Source code MAR24F0025
Quad code 3411822
Occ. no. _____
EO index no. _____
Map index no. _____

Scientific name: *Asio otus*

Common name: long-eared owl

Date of field work (mm-dd-yyyy): 12-13-2024

Comment about field work date(s):

OBSERVER INFORMATION

Observer: Carly Martenson

Affiliation: ECORP Consulting, Inc.

Address: 1231 W 9th Street , San Pedro, CA 90731

Email: cmartenson@ecorpconsulting.com

Phone: (630) 743-1444

Other observers:

DETERMINATION

Keyed in:

Compared w/ specimen at:

Compared w/ image in:

By another person:

Other: Prior bird identification knowledge including 10+ years of experience

Identification explanation:

Identification confidence: Very confident

Species found: Yes **If not found, why not?**

Level of survey effort: High- Observer/biologist was on-site looking for wildlife species that may be impacted by restoration activities and foot traffic.

Total number of individuals: 1

Collection? No **Collection number:**

Museum/Herbarium:

ANIMAL INFORMATION

How was the detection made? Seen

Number detected in each age class:

adults	juveniles	larvae	egg mass	other
1				

Age class comment:

Bird site use:

☐ **Nesting** ☐ **Rookery** ☐ **Nesting colony** ☐ **Burrow site** ☐ **Lek**

☑ **Non-breeding (over-wintering)** ☐ **Communal roost** ☐ **Other (foraging, fly-over, etc.)**

Site use description: Individual observed in low riparian woodland perched in a tree with a substantial amount of whitewash beneath. Individual previously observed by another biologist in the same location days before.

What was the observed behavior? Individual was perched in a tree

Describe any evidence of reproduction:

SITE INFORMATION

Habitat description: Low riparian woodland consisting of willows, mulefat, and nettle.

Slope: Landowner/manager:

Aspect:

Site condition + population viability: Excellent

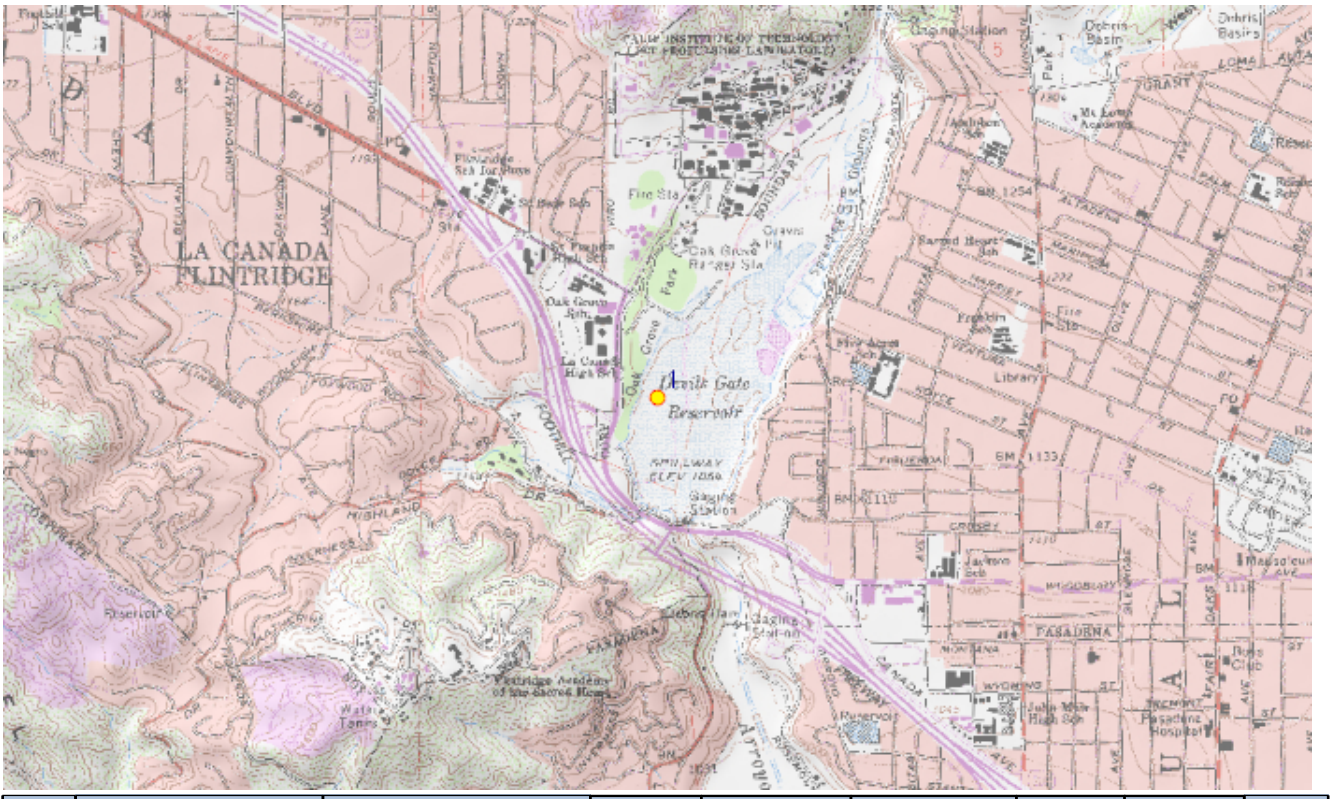
Immediate & surrounding land use: Devil's Gate Habitat Restoration Area

Visible disturbances:

Threats: Low threats-area is closed to the public as it is a restoration area, however, there are periodic trespassers using the trails throughout the restoration area.

General comments:

MAP INFORMATION



ID	County	24K Quadrangle	Elev. (ft)	Latitude NAD83	Longitude NAD83	UTM E NAD83	UTM N NAD83	UTM Zone
	Los Angeles	Pasadena	1027	34.19010	-118.17640	391602	3783860	11
1	**Public Land Survey**	**Feature Comment**						
	S T01N R12W 7							

The mapped feature is accurate within: 5 m

Source of mapped feature: ArcGIS Fieldmaps

Mapping notes:

Location/directions comments:

Attachment(s):

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: October 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	0 %
End of Day	14:30	94 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (hoes, rakes) for brush clearing. Tree cutting crew had a brush cutter
3. Natures Image: 12 (Genaro foreman). eight for brush clearing, four for tree 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:
desert cottontail, western toad, western fence lizard, yellow garden spider, blue-green sharpshooter, California ground squirrel, triangle crab spider, western honeybee, WCSP, RSHA, AMCR, BUSH, BLPH, GREG, CALT, ANHU, ACWO, CASJ, SPTO, HOFI, SOSP, BEWR, WTSW, NUWO, OATI, DEJU

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630-0645 Genaro showed the two work sites for today in DG-4A. The first site was for non-native clearing. The second site was further south and was for tree cutting.
0645-0700 Cleared both sites for crew. Texted Genaro to bring in crews.
0710-0845 Crews working
0845-0920 Crew took break #1
0920-1045 Crew working
1045-1145 Crew lunch break
1145-1320 Crew working. Genaro said some crew members (who came from Perris) will go home at 1345. The remaining crew will stay until 1430.
1320-1345 Crew on break #2
1345-1420 Remaining crew returned to work.
1420 Crew began site cleanup
1425 Crew left to dispose of tarps and end work day

Additional Comments

Signature

tree_cutting_area_DG4A_before_facingNW.jpg
-118.17752966666667 34.18769769444444

brush_clearing_area_DG4A_before_facingN.jpg
-118.17734172222222 34.18894610277778

tree_cutting_area_DG4A_after_facingNW.jpg
-118.17750000000001 34.18764649166666

brush_clearing_area_DG4A_after_facingN.jpg
-118.17732475000001 34.18898602777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	14:45	97 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, CASJ, SOSP, WCSP, CALT, AMKE, BEWR, RCPA, ACWO, WREN, OATI, BUSH, KILL, HOFI, CAQU, SPTO, BLPH, CORA, RSHA, LEGO, MODO
Mammals: California ground squirrel, desert cottontail
Reptiles: western fence lizard, coastal whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, cabbage white,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew begins vegetation removal in Johnson Field. Irrigation is turned on and the lines checked for leaks.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field working south.
0930 Observed dumpster being collected.
1050 Observed coastal whiptail.
1130 Observed new growth on willows in Johnson Field.
1145 Observed cottonwood with branches leaning over in DG-2.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field and irrigation maintenance.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

Coastal_whiptail_facingW.jpg
-118.17170226111112 34.19218873888889

JohnsonField_vegetation_removed_facingSE.jpg
-118.17107056944445 34.19150030555555

JohnsonField_willow_new_growth_facingW.jpg
-118.17117011944445 34.19121297222222

CAQU_foraging_facingE.jpg
-118.1719399 34.19087501944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:16	74 °F	0-3 MPH	0 %
End of Day	14:36	97 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants including perennial pepperweed and fig trees
2. Chainsaw, hand tools
3. Nature's 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:
CASJ, NUWO, CALT, SOSP, WCSP, AMCR, OCWA, RWBL, SPTO, RCPA, BLPH, BEWR, BUSH, Desert cottontail, California ground squirrel, side-blotched lizard, western fence lizard, orb weaver

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived on site.
0630 Checked in with Genaro. Drove to southern portion of DG-4A (34.188842°N 118.177338°W). Checked work area for wildlife.
0700 Crew started working. No wildlife in harm's way. Provided WEAP training to foreman-in-training, Raymond Nunez.
0850-0910 Crew morning break.
1100-1140 Lunch.
1140 Crew steadily working north. Also working in DG-4 and DG-4 drainage. Updated ANHU-7 and YEWA-1 as inactive.
1320-1350 Crew afternoon break.
1415 Crew started cleaning up for the day. Checked out with Genaro. Headed back to my vehicle.
1435 left site.

Additional Comments
N/A

Signature

20241002_workarea1_facingE.jpg

photo_2-20241002_workarea2_facingNE.jpg

20241002_workareamidday_facingN.jpg

20241002_workarea_end_of_day_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	71 °F	4-6 MPH	30 %
End of Day	14:50	97 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: BUSH, AMCR, WCSP, BEWR, CALT, ALHU, RCPA, BTPI, ANHU, ACWO, COHA, NUWO, SOSP, CASJ, WREN, HOFI, AMKE, BLPH, KILL, RTHA, CAQU
Mammals: California ground squirrel, desert cottontail
Reptiles: western fence lizard, coastal whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, cabbage white, hover fly, mayfly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew begins vegetation removal in Johnson Field. Irrigation is turned on, lines checked for leaks, and additional plantings watered.
0750 Confirmed native plant for crew lead.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field and irrigation maintenance.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field and irrigation maintenance.
1248 Observed coastal whiptail.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

JohnsonField_vegetation_removed_facingN.jpg
-118.17137636111111 34.19225233333333

JohnsonField_vegetation_removed_facingE1.jpg
-118.17138005000001 34.19121616666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	63 °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. Weed vegetation removal.
2. 9 hand tools, one circular pole saw.
3. 10, Nature's Image, Alberto.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

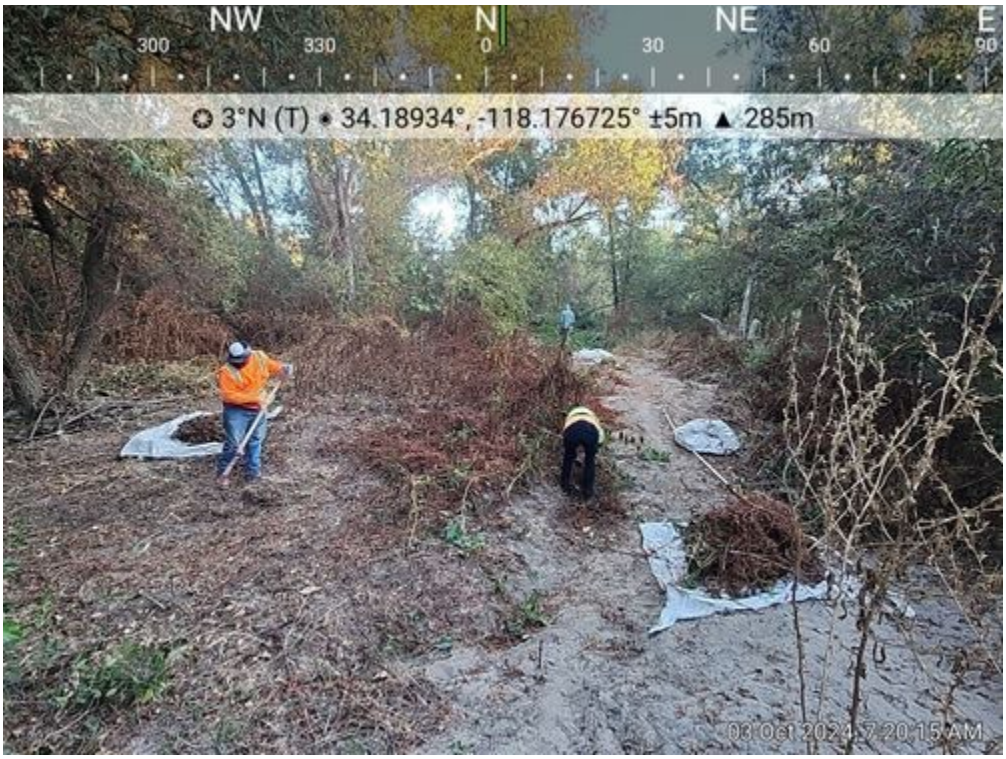
List of species observed while monitoring:
BEWR, AMCR, Amazonia sp., BLPH, SOSP, CASJ, BUSH, NUWO, and CALT.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Alberto and I walked over to where they'll be working in DG-4, DG-4A, and DG-4 drainage.
0645 I began clearing the area.
0700 I alerted Alberto they were clear. Focus: *Lepidium latifolium*, *Rumex crispus*, *Raphanus raphanistrum*, *Ficus carica*. Tools/method: hand tools, hand pulling, circular pole saw.
0730 I cleared the *Ficus carica* being removed by the foot bridge in DG-4 and then returned to the crew handpulling weeds.
0850 Crew broke for first break.
0915 Crew returned from break.
1055 Crew broke for lunch.
1150 Crew returned from lunch.
1325 Crew broke for second break, and crew from Perris said they're leaving around 1345.
1400 Crew returned from second break.
1445 Crew began wrapping up for the day.
1500 Crew finished putting everything away and left for the day.

Additional Comments

Signature



work_area_before_facingN.jpg
-118.176725 34.189339999999994

work_area_after_facingN.jpg
-118.17668888888889 34.189212777777776

side_area_after_facingSE.jpg
-118.17687777777778 34.189543888888885

stumps_of_removed_Ficus_carica_facingWSW.jpg
-118.17765694444445 34.188247777777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	4-6 MPH	0 %
End of Day	14:45	90 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: ALHU, AMCR, RCPA, SOSP, WCSP, SPTO, BLPH, COYE, NUWO, ACWO, BUSH, CALT, BEWR, BTPI, SAPH, CATH, HOFI, RTHA, CORA, CASJ, ANHU, NOMO, YRWA, MODO, KILL, LEGO, TUVU, CAQU, BGGN, CAKI, WREN
Mammals: California ground squirrel, desert cottontail
Reptiles: western fence lizard, coastal whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, cabbage white, hover fly, yellow jacket, orb weaver, gulf fritillary, painted lady,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew begins vegetation removal in Johnson Field. Irrigation is turned on.
0855 Observed house wren nest to determine activity.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field.
1150 Observed California wild rose bush with pink and white leaves in Johnson Field.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field.
1345 Observed coastal whiptail.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

JohnsonField_vegetation_removed_facingN1.jpg
-118.1718749 34.191953194444444

JohnsonField_California_wildrose_pinkleaves_facingS.jpg
-118.1721445888889 34.19151180555555

JohnsonField_vegetation_removed_facinW.jpg
-118.17215055 34.191811511111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	55 %
End of Day	14:00	89 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO NOFL COHA EUST OCWA WBNU BTPI RCPA AMKE KILL RSHA GREG SAPH
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew begins invasive species removal in Johnson Field
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Johnson Field.
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_Johnson_Field_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: October 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	70 %
End of Day	14:55	89 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (hoes and rakes)
3. Natures Image (Linda, foreman for day): six 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:
desert cottontail, western fence lizard, wood rat (deceased), California ground squirrel, spotted orb-weaver, western honeybee, coyote, WCSP CASJ RSHA BLPH AMCR ANHU OATI BEWR RCPA LEGO CALT MODO BUSH SOSP CAQU SPTO ACWO COYE WREN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0640 Spoke with Linda about tasks for the day. She showed me to the area that will be worked on. She said Eduardo will be the supervisor for the day. The actual supervisor did not arrive by the time work started and it's unknown if he ever arrived.
0655-0705 Pre-clearance survey of work area. Texted Linda that crew may begin in work area.
0712 Crew entered work area, began setting up tarps, and started working
0850-0920 Crew on break #1
1050-1140 Crew took lunch break.
1140-1330 Crew working
1330-1400 Crew on break #2
1400-1435 Crew working
1435 Crew began preparing to leave work area and returned to staging area for clean up

Additional Comments
New supervisor did not show up. Eduardo was acting supervisor for the day

Signature

DG4A_west_area_clearing_in_progress_facingS.jpg
-118.17691381944445 34.18950995555555

DG4A_East_area_clearing_before_facingSE.jpg
-118.17666898611111 34.189488874999995

DG4A_East_area_clearing_after_facingSE.jpg
-118.17665047222222 34.189500661111104

established_ricinus_communis_was_removed_during_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	69 °F	0-3 MPH	100 %
End of Day	14:35	91 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Removing non-native plants including perrenial pepperweed and shortpod mustard from restoration areas DG-4, DG-4A and DG-4 drainage using hand tools Eduardo Lalo & Raymond Nunez

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, RTHA, HOFI, CASJ, AMCR, Red-crowned parrots, YRWA Coyote, California ground squirrel, opossum, Cabbage white butterfly, Western toad, side-blotched lizard, western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived on site. Met with Eduardo and Raymond. Escorted to work area - conducted pre-works sweep
0710 crew began removing non-native vegetation, one crew member was removing plant cages
0840 crew took a break
0910 crew resumed
0915 reminded crew to give space to the Woodrat middens and alerted them to the presence of coyote dens
1050 crew left for lunch break
1200 crew resumed. Biologist sweeping area ahead of crew
1420 crew finished pulling weeds for the day, gathered their tarps and supplies and left the site

Additional Comments
N/A

Signature

Crew_removing_nonnative_vegetation_DG-4drainage.JPG
-118.17665555555556 34.18926388888889

Crew_member_removing_cages_DG-4.JPG
-118.17631944444445 34.18935277777778

Crew_pulling_nonnative_vegetation_100724.JPG
-118.17628888888889 34.18942222222222

Western_toadlet_100724.JPG
-118.17694722222222 34.18960555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	10 %
End of Day	15:00	96 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

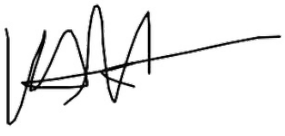
List of species observed while monitoring:
Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO DEJU CAQU BEWR SPTO LEGO NOFL COHA EUST OCWA WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG SAPH
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding DG-8 and DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew begins invasive species removal in DG-8 and DG-1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-8 and DG-1.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature



Invasive_removal_DG-8_facingN.jpg

Invasive_removal_DG-1_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: October 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	85 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Manual removal of invasive weeds.
2. Hand tools including rakes, hoes and tarps
3. Gothic landscaping crew of 8 plus Juan the 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:
CALT HOFI CATH WREN SOSP SPTO CASJ AMCR BUSH ACWO CAQU ANHU BGGN COHA YRWA MODO NOMO
Amphibians: Western toad
Reptiles: side blotch lizard
Mammals: cottontail rabbit, coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

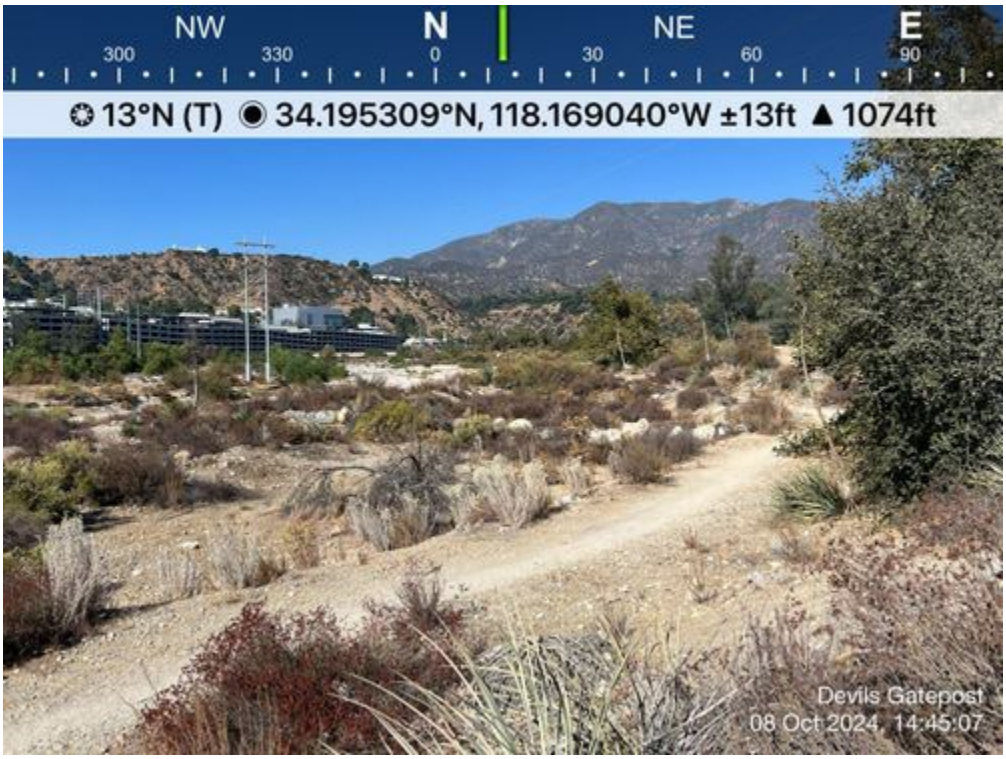
Log Entry
0630 arrived on site and conducted a pre activity clearance sweep
0700 crew began clearing annual grasses in DG-1
1200 crew breaks for lunch
1230 crew resumes annual grass removal in DG-1
1430 crew begins putting tools away and biologist conducts a final sweep of work area
1500 Crew and biologist depart the site for the day.

Additional Comments
N/A

Signature

Vegetation_Clearing_DG1_Before_facingS.JPG
-118.17099722222223 34.19353611111111

Vegetation_Clearing_DG1.JPG
-118.17045277777778 34.194427777777776



Vegetation_Clearing_DG1_After.JPG
-118.16903888888889 34.19531111111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: October 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	0 %
End of Day	14:31	87 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (1 hoe, 1 shovel)
3. 8 crew. Nature's Image: 7, HANA Resources: 1 (Foreman: Raymond Nunez)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
dragonfly sp., California ground squirrel, desert cottontail, coyote, coastal whiptail, western fence lizard, NOMO, WCSP, BLPH, RSHA, LEGO, AMCR, RCPA, ANHU, CAQU, HOFI, BUSH, NUWO, CASJ, CORA, KILL, SPTO, BEWR

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645 Spoke with Raymond Nunez (HANA Resources) in parking lot. He's the foreman now. Linda walked me to the work site for pre-clearance survey
0650-0700 Pre-clearance survey. Area all clear.
0700 Texted Linda to bring crew into work area
0710 Crew (8 members) began working
0850-0925 Crew on break #1
0925-1050 Crew working
0955 Raymond said he heard a CAGN call briefly. When I arrived at his location I listened for several minutes but didn't hear it.
1050-1145 Crew on lunch break
1145-1330 Crew working.
1330-1400 Crew on break #2. Some crew from Perris area ended their day (including Raymond)
1400-1425 Remaining crew members returned to work
1425 Crew cleaned up area and left to dispose of tarps. End of work.

Additional Comments
N/A

Signature

drainage_area1_before.jpg

drainage_area1_after.jpg

drainage_area2_before.jpg

drainage_area2_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: October 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	65 °F	0-3 MPH	0 %
End of Day	14:56	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration (Weeding)
2. Hand tools
3. Raymond (Acting Nature's Image 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:
Cabbage White, Painted Lady, Western Yellowjacket, BEWR, CALT, CASJ, BUSH, WCSP, AMRO, AMCR, MODO, Amazona sp., CAQU, SOSP, HOFI, CATH, NUWO, CORA, RSHA, OATI, LEGO, Desert Cottontail, California ground squirrel

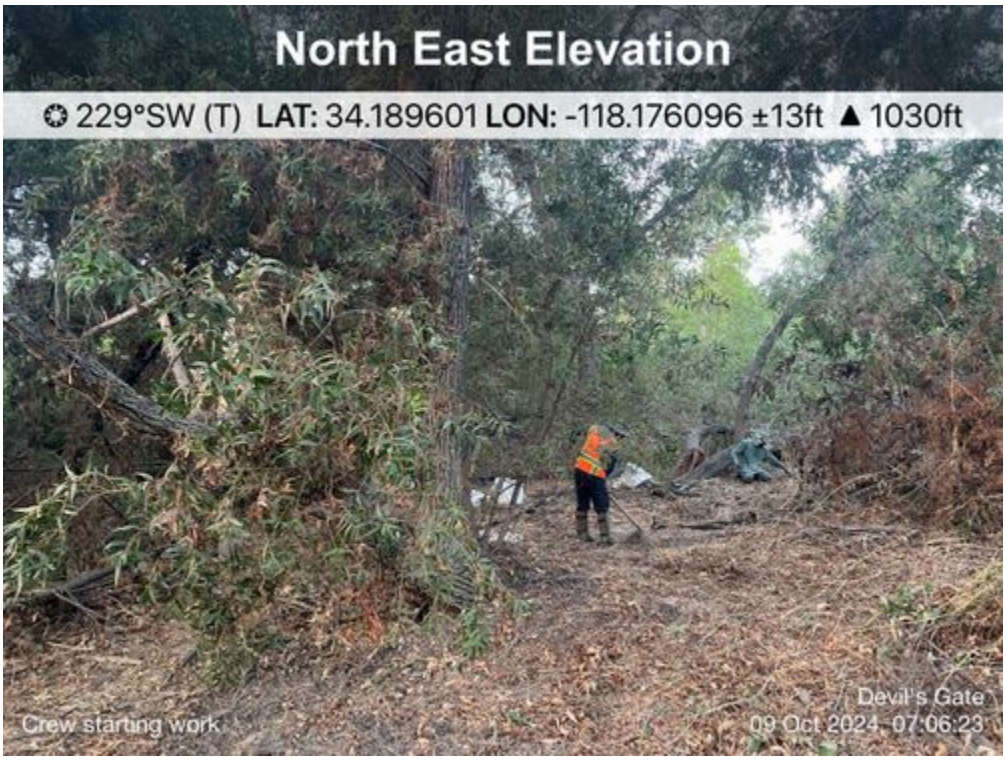
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site.
0630- Went and swept planned work area. They are working in DG-4 Sheetflow. (34.1895625, -118.1759375).
0650- Crew started work in DG-4 Sheetflow. They are removing pepperweed and mustard.
0900- Crew stopped for break.
0915- Crew resumed work after break. They are continuing to remove pepperweed and mustard.
1100- Crew stopped work for lunch.
1130- Crew resumed work after lunch.
1140- Found new encampment in one of restoration areas. Notified Carley Adams about the encampment.
1315- Crew stopped for break.
1330- Pasadena public work and police came to remove the tent from the restoration area.
1340- Police and public works finished removing tent from the restoration area.
1345- Perris crew finished for the day. Main crew is still here.
1400- Crew resumed work after break.
1430- Crew is wrapping up for the day and is starting to clean up the work area.
1450- Crew finished for the day.

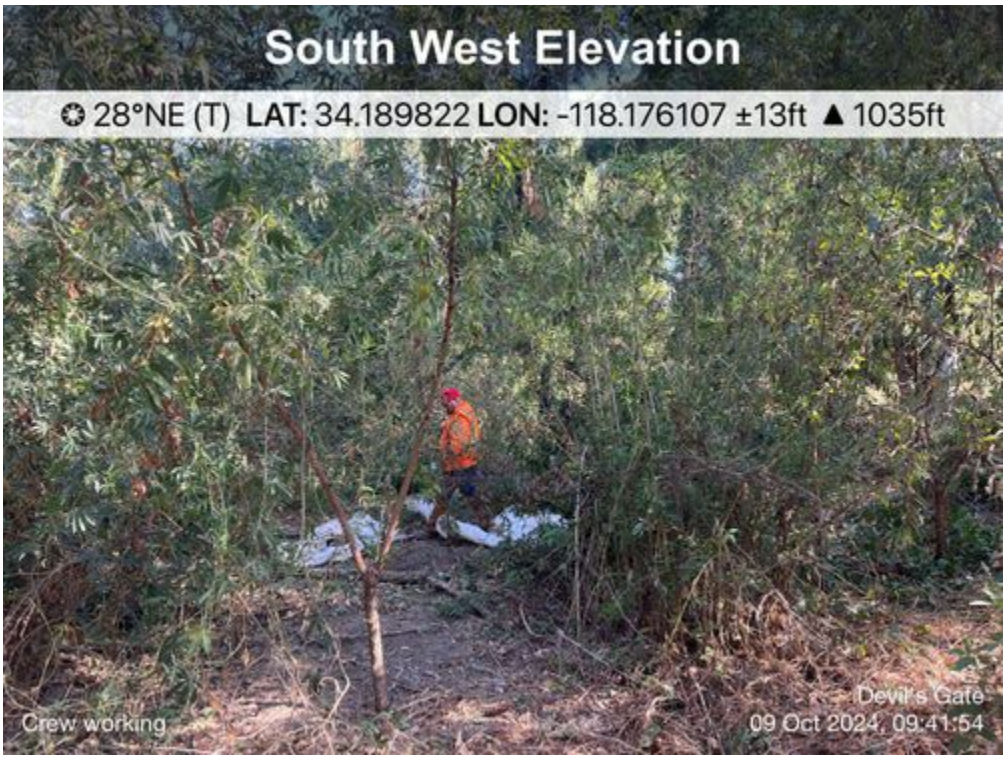
Additional Comments
N/A

Signature

Planned_work_area.JPG
-118.17593611111111 34.18942777777777



Crew_starting_work.JPG
-118.17609722222223 34.1896



Crew_working.JPG
-118.17610555555557 34.18982222222222

Crew_finished_for_the_day.JPG
-118.176225 34.18955555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: October 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	85 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Manual removal of invasive weeds in DG-1 and hand watering plants in DG-3A.
2. Hand tools including rakes, hoes and tarps
3. Gothic landscaping crew of eight plus Juan the as crew lead

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

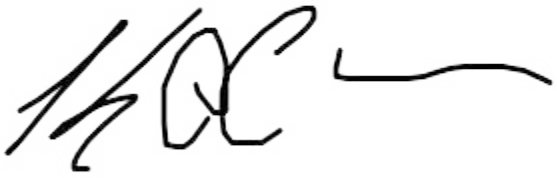
List of species observed while monitoring:
CALT, HOFI, CATH, WREN, SOSP, SPTO, CASJ, AMCR, BUSH, ACWO CAQU, ANHU, BGGN, COHA, YRWA, MODO, NOMO, WCSP, NUWO, RSHA, BEWR, CAKI
Reptiles: side blotch lizard
Mammals: cottontail rabbit, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 arrived on site and conducted pre activity clearance sweep
0700 crew began clearing annual grasses in DG-1 and watering plants with buckets in DG-3A
1200 crew breaks for lunch
1230 crew resumes annual grass removal in DG-1
1430 crew begins putting tools away and biologist conducts a final sweep of work area
1500 Crew and biologist depart the site for the day.

Additional Comments
N/A

Signature



Watering_DG3A_Before.JPG
-118.17341666666667 34.186102777777776

Watering_DG3A.JPG
-118.17551111111112 34.18599722222222

Vegetation_Removal_DG1.JPG
-118.16833611111112 34.197399999999995

Vegetation_Removal_DG1_after_facingS.JPG
-118.16797777777778 34.19933888888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:20	60 °F	0-3 MPH	1 %
End of Day	15:00	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. 12, hand tools.
3. 12, Nature's Image, Raymond.

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, BEWR, Amazonia sp., AMCR, RSHA, CASJ, YRWA, ANHU, HOFI, and BUSH.

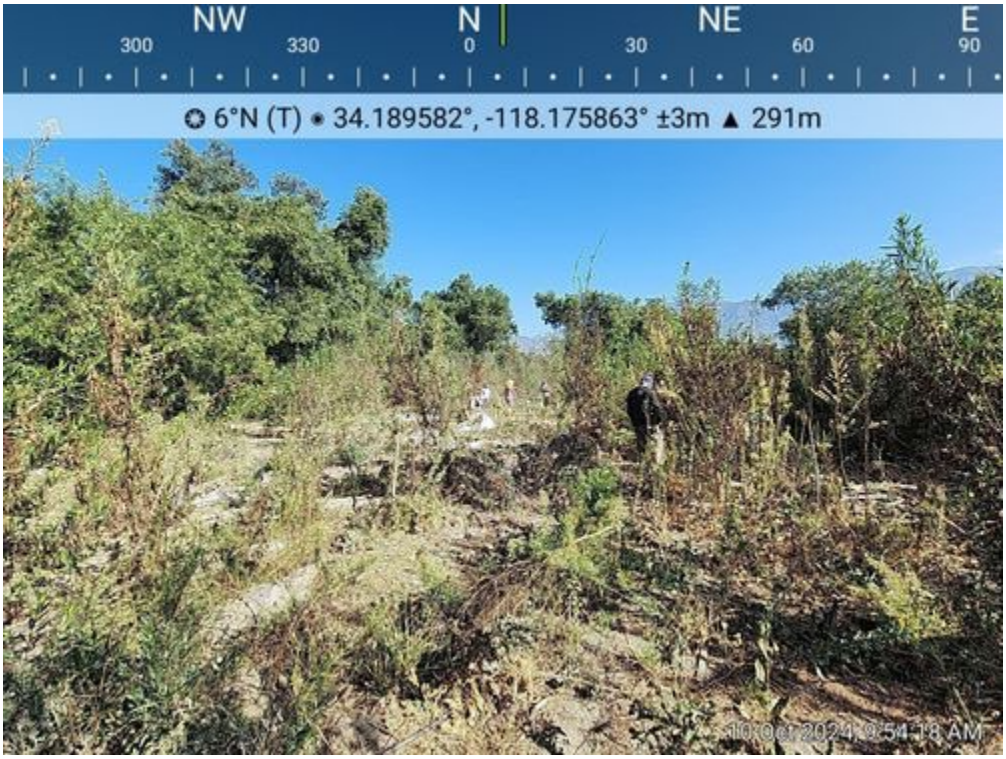
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Linda showed me where they will be continuing work in DG-4 and DG-4A.
0645 I began clearing the area.
0700 I finished clearing the area and alerted the crew. Focus: *Lepidium latifolium*, *Plantago arenaria*, *Brassica nigra*. Method/tools: handpulling/handtools.
0710 The crew arrived and began work.
0850 Crew broke for first break.
0910 Crew returned from first break.
1055 Crew broke for lunch.
1140 Crew returned from lunch.
1335 Crew broke for second break and the Perris crew began leaving.
1400 Crew returned from second break.
1420 Crew began wrapping up for the day.
1450 Crew finished putting everything away and left for the day.

Additional Comments

Signature

work_area_before_facingN.jpg
-118.17583972222222 34.189569999999996



work_area_during_facingN.jpg
-118.17586277777778 34.18958194444444

work_area_after_facingN.jpg
-118.17592777777779 34.18961972222222

alternate_work_area_during_facingN.jpg
-118.17597 34.190193888888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58 °F	0-3 MPH	10 %
End of Day	14:45	84 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Eduardo 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: AMCR, RCPA, CASJ, AMKE, WREN, WCSP, YRWA, CALT, PHAI, ALHU, ACWO, SOSP, BGGN, CAQU, BLPH, BUSH, HOFI, COHA, BEWR, RSHA, NUWO, CORA, SPTO, TUVU
Mammals: California ground squirrel, desert cottontail, fox squirrel
Reptiles: western fence lizard, coastal whiptail, side-blotched lizard
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, cabbage white, hover fly, pale cross orb weaver, gray buckeye

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew begins vegetation removal in DG-2.
0727 Observed desert cottontail.
0900 Crew takes break.
0907 Observed Red-tailed hawk with prey item eating prey in telephone pole.
0915 Crew continues vegetation removal in DG-2.
1129 Observed coastal whiptail and western fence lizard basking.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-2.
1435 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingNW1.jpg
-118.17212527777778 34.19118994444444

CoastalWhiptail_and_WesternFence_basking_facingS.jpg
-118.17281858333334 34.188792138888886

DG2_vegetation_removed_facingN3.jpg
-118.17153923055557 34.192340011111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Terry Hurt
Company: ICF
Date of Log: October 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	10 %
End of Day	14:00	76 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan Medina 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:
BUSH RTHA AMRO GBHE COHA GREG CAQU RCKI HUVI SPTO RNDU EGGO BARS CLSW
Reptiles: western fence lizard, side-blotch lizard
Mammals: desert cottontail, California ground squirrel, Pocket gopher

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0645: Crew begins work weeding DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
0900: Crew takes a break.
0915: crew returns to work weeding in DG-2.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-2
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_species_removal_DG-2_facingNW.jpg
-118.17255333333334 34.18813895555555

Invasive_species_removal_DG-2_facingSW.jpg
-118.17172991666668 34.19021762777778

Invasive_species_removal_DG-2_facingW.jpg
-118.1718972138889 34.19016429444444

Invasive_species_removal_DG-2_facingN.jpg
-118.17209696111112 34.189965816666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: October 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	62 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovels, hoes, machete, saw
3. Natures Image (Raymond Nunez 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:
CALT, SPTO, SOSP, cottontail, RCPA, AMCR, California ground squirrel, LEGO, WCSP, YRWA, RSHA, western fence lizard, CAQU, BGGN, CASJ, BEWR, HOFI, coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite.
0630 introduced myself to Raymond Nunez (temp. N.I. foreman). Linda (N.I) shows me work are to be cleared. Approximately here: 34. 19010177 N, 118.175807W. Two people are on irrigation, 11 people pulling non-natives.
0758 crew finishes area. Raymond asks if they should clean up the side slopes in the area before they move north. I called Carley (ECORP) to confirm and have them go ahead and do that.
0840 crew breaks.
0915 crew returns.
1005 observed a tree of heaven. Marked in maps for removal. Let crew know.
1050 crew breaks for lunch.
1135 crew returns from lunch
1300 extra N. I. crew leaves for the day. Rest of crew (3 people) break.
1320 crew returns (2 people pulling)
1400 Raymond leaves for the day. Crew starts cleaning up work area.
1430 left site.

Additional Comments
N/A

Signature

Start_facingS.jpg

Middle_facingNE.jpg

End_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: October 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:24	58 °F	0-3 MPH	100 %
End of Day	14:39	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Gothic crew removing weeds along the west side of the Arroyo Seco, specifically within DG-4 and DG-4C.
2) Restoration equipment limited to hand tools, particularly hoes.
3). Gothic crew of 10 men plus foreman Juan.

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, ACWO, AMCR, SPTO, WCSP, COHA, BEWR, BUSH, NUWO, CATH, CASJ, GBHE, ANHU, HOFI, SOSP, Red-masked Parakeet, NOFL, BGGN, YRWA, MODO, AMKE, RTHA, GREG, WEKI
Herps: Great Basin fence lizard
Mammals: Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF biologist and Gothic crew arrived at work area located along west side of Arroyo Seco.
0640- Gothic crew at work removing non-native invasive plant species in west side of Arroyo Seco, specifically within DG-4 and DG-4C.
0900- Crew on AM break.
0915- Crew back to work removing weeds in DG-4
1200- Gothic crew on lunch break
1230- Crew back to work removing weeds in DG-4
1430- Gothic crew done weeding and disposing of collected material.
1440- Gothic crew and ICF biologist leaving for the day

Additional Comments
N/A

Signature

Crew_removing_weeds_facingW.jpg
-118.17461277777778 34.192792499999996

Gothic_crew_removing_weeds_FacingNW.jpg
-118.17434816666668 34.19328102777777

Gothic_crew_removing_weeds_facingN.jpg
-118.17341811111112 34.193520638888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	61 °F	0-3 MPH	100 %
End of Day	14:30	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal monitoring.
2. Hand tools, 10.
3. 10, Nature's Image, Alberto.

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, Desert cottontail, AMCR, CORA, SOSP, CASJ, SPTO, Amazonia sp., RSHA, BLPH, CALT, RTHA, and BGGN.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Linda told me where they left off on Friday and I went to start clearing the area.
0700 I finished clearing the area they'll be working in DG-4 and DG-4A. Focus: *Conium maculatum*, *Lepidium latifolium*, *Brassica nigra*. Method/tools: hand pulling and hand tools.
0715 The crew arrived and began working after loading some heavy tree logs left over from Friday that were left in the Kubota.
0855 Crew broke for first break.
0920 Crew returned from first break.
1025 Linda and Tatiana showed me some dead and dying willows near the islands. The cause appeared to be total bark stripping around the base, likely from rodents.
1055 Crew broke for lunch.
1145 Crew returned from lunch.
1335 Crew broke for second break. The Perris crew left around 1345.
1355 Crew returned from second break and began gathering up everything.
1425 The crew has finished putting everything away and left for the day.

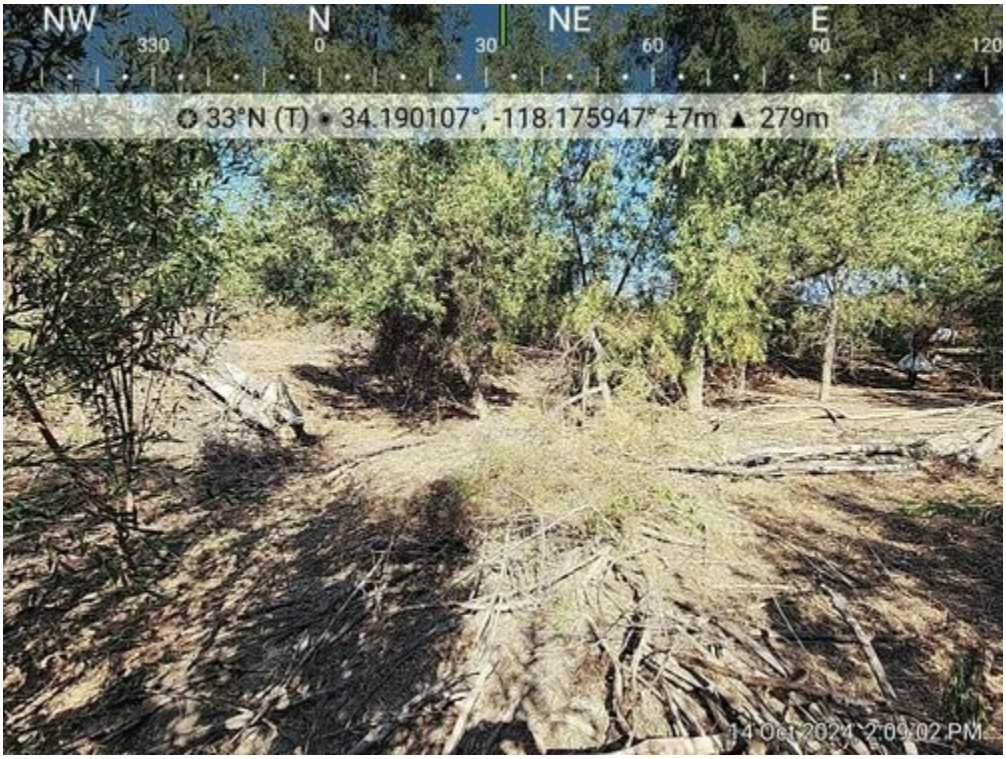
Additional Comments
N/A

Signature

work_area_start_facingNW.jpg
-118.17589083333334 34.190059999999995

work_area_during_facingNW.jpg
-118.17592277777779 34.19012083333333

work_area_after_facingNNW.jpg
-118.175915 34.19010194444444



work_area_after_alternate_view_facingNE.jpg
-118.17594694444445 34.190106944444445

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: October 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:21	75 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Nature's Image- 7 including Raymond (interim 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:
LEGO WCSP AMCR BLPH RCPA HOFI BUSH CALT CASJ OATI BEWR SOSP CAKI NUWO GHOW ACWO YRWA NOFL BGGN ANHU RTHA WEME MODO DEJU WTSW KILL SPTO HUVI Black throated grey warbler

Desert cottontail, California ground squirrel

Western fence lizard, Coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrived on site. Met Raymond (interim foreman after first weekend of November). Linda walked me to the work area for today (within DG-4A)
0701: crew began work. Targeting poison hemlock to create path for removing large trees of heaven.
0854-0925: break
1100-1130: lunch
1225: beginning to remove some small branches from large trees of heaven. Showed Ed and Raymond a Mexican paloverde that was missed (~34.190400, -118.174894). Ed said it was not removed due to a wasp nest. Raymond says they will remove it tomorrow.

Additional Comments
N/A

Signature

Trees_of_heaven.jpg

Pre-veg_removal.jpg

After_vegetation_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:45	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: CAKI, ACWO, AMCR, SOSP, BLPH, CASJ, RCPA, NOFL, CALT, MODO, OATI, DEJU, YRWA, EUCD, BEWR, NUWO, WCSP, HOFI, BUSH, COHA, RTHA, CORA, BGGN, RSHA, ALHU, HUVI, NOMO, LEGO, ANHU
Mammals: California ground squirrel, desert cottontail, pocket gopher
Reptiles: western fence lizard, coastal whiptail, side-blotched lizard
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, cabbage white, hover fly, pale cross orb weaver, cochineal scale bug

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0640 Observed desert cottontail.
0645 Crew begins vegetation removal in DG-W-2 moving north.
0720 Biologist gave WEAP training to new crew member.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-W-2.
1000 Observed perched Red-tailed hawk.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in into DG-4.
1435 Crew wraps up work for the day.

Additional Comments
N/A

Signature

Amanda Martinez

DGW2_vegetation_removed_facingS.jpg
-118.17451127777778 34.19265897222222

DG2W_vegetation_removed_facingN.jpg
-118.17443915 34.192578238888885

DG4_vegetation_removed_facingS1.jpg
-118.17334076111112 34.193140111111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: October 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:22	57 °F	0-3 MPH	100 %
End of Day	14:30	75 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Gothic crew is conducting restoration activities involving the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 11 men plus foreman Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

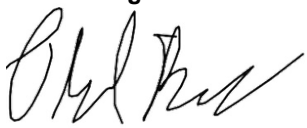
List of species observed while monitoring:
Birds: AMCR, CALT, SPTO, CASJ, NUWO, ACWO, YRWA, WCSP, SOSP, ANHU, CATH, Red-masked Parakeet, NOFL, HOFI, WREN, COYE, NOMO, MODO, BEWR, OCWA, RTHA, BUSH
Herps: Great Basin fence lizard, Southern Pacific rattlesnake
Mammals: Desert cottontail, California ground squirrel,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Gothic crew and ICF biologist arrived at staging area along west side of the Arroyo Seco.
0640 - Crew at work removing non-native invasive plant species in DG-4. Also trimmed mule fat branches overhanging fence on north edge of work area (adjacent to frisbee golf course). No shrubs were removed, just trimmed.
0900- Crew on AM break.
0915- Crew back to work removing weeds at DG-4.
1200- Crew on lunch break.
1230- Crew back to work in DG-4 removing non-native invasive plant species.
1430- crew finished weeding and disposing of collected material.
1440- Gothic crew and ICF biologist leaving the site for the

Additional Comments
N/A

Signature



Crew_removing_weeds_DG-4_FacingE.jpg
-118.17323062777778 34.19364619444444

Crew_disposing_removed_weeds_facingNE.jpg
-118.1735632138889 34.194040638888886

Crew_collecting_debris_FacingW.jpg
-118.17384834444445 34.19414720833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: October 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:26	68 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. One chain saw
3. Natures Image: 6 (Raymond 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:
western fence lizard, western honeybee, desert cottontail, woodrat sp., California ground squirrel, California harvester ant
CAKI AMCR CASJ WCSP CALT RCPA BLPH ACWO WTSW BEWR SOSP ANHU YRWA MODO KILL BUSH LEGO CAGN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0645 Pre-clearance sweep of work areas
0705 Crew began preparations in work area (34.1901164, -118.1759704) 0715 Crew began cutting down trees-of-heaven
0815 Natures Image crew noticed Gothic dumping large amounts of mule fat. I altered Carley.
0830 Sought out Gothic to check what they were doing. Spoke with foreman briefly and confirmed mule fat was from trimming outside mitigation area (frisbee golf area). Informed Carley.
0845-0915 Crew on break #1
1050-1150 Crew on lunch break
1240 Informed by Raymond that the last crew trees-of-heaven would not be cut down today. They are limited on time and have few workers to clean up the current tree debris (some workers have injuries and cannot lift the tree trunks). Some tree trunks will be left until tomorrow.
1315-1345 Crew on break #2
1400 Raymond departed
1423 Crew left to dispose of tarps, finish cleanup, and end of day

Additional Comments
N/A

Signature

tree_of_heaven_area_before.jpg

tree_of_heaven_area_after.jpg

mexican_palo_verde_to_be_removed_tomorrow.jpg

tree_of_heaven_debris_to_be_removed_tomorrow.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	15:00	73 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO NOFL COHA EUST OCWA WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG SAPH
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding DG-3A and Side Slopes with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-3A and Side Slopes.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-3A and Side Slopes.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-3A_facingSE.jpg

Invasive_removal_Side_Slopes_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	55 °F	0-3 MPH	100 %
End of Day	14:22	69 °F	4-6 MPH	95 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing tree-of-heaven and palo verde
2. Chainsaw, machete, hand tools
3. Nature's 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:
AMCR CASJ WREN BEWR SPTO LEGO CALT RCPA CAQU BLPH

California ground squirrel

western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Raymond (foreman). Walked over to DG-4 (34.190279, -118.176249) and inspected trees-of-heaven for nests.
0700 no nests observed. Cleared crew to start working.
0735 relocated a western road from the work area.
0840 crew discovered a wasp nest near tree-of-heaven, may not be able to remove some of the woody debris from that area.
0845-0915 crew's morning break.
1045-1145 lunch
1145 crew started cutting down palo verde tree in DG-4A (34.190467, -118.174907)
1415 crew started cleaning up for the day. Headed to vehicle and left site.

Additional Comments
N/A

Signature

20241017_treeofheaven1_facingN.JPG
-118.17624444444445 34.19028888888889

20241017_treeofheaven2_facingW.JPG
-118.17618888888889 34.19034166666666

20241017_treeofheaven1_end_of_day_facingNE.JPG
-118.17625555555556 34.190302777777774

20241017_treeofheaven2_end_of_day_facingW.JPG
-118.17621111111112 34.19032222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: October 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:29	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Raymond (+5)

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 WREN AMCR RSHA CASJ SPTO HOFI NOFL EUCD ANHU BEWR RCPA CALT NUWO LEGO BLPH OATI CAQU YRWA MODO ACWO TUVU BGGN RTHA
desert cottontail, woodrat, California ground squirrel
Gulf fritillary
Western fence lizard, Western toad

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: arrived on site
0630: Raymond showed me to the site (DG-4). Plan is to continue removing poison hemlock, tree of heaven, mustard, and pepper weed.
0718: work began.
0900-0920: break
1100-1140: lunch
1236: showed Raymond patch of tree of heaven to remove. Approximately 34.191282, -118.175584 in DG-4.
1300: Raul's crew heading back for earlier leave time. Asked crew to clean up bobcat path due to palo verde branches on trail.
1345-1400: break
1400: Raymond left for day. Tatiana, Charlie, and Ed doing cleanup.
1425: end of day
Plan for next week: Raul will be on site Monday with a larger crew (additional two people) working in area the crew left off in DG-4. May be Raymond's last week.

Additional Comments
N/A

Signature

Work_area_before.jpg

Work_area_after.jpg

Second_work_area_before.jpg

Second_work_area_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	10 %
End of Day	13:57	76 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, WCSP, CALT, RTHA, GBHE, RCPA, HETH, SPTO, HOFI, BTPI, CASJ, CATH, AMKE. GREG, BEWR, YRWA, TUVU, MODO, EUST, WREN, RWBL, BUSH, COHA, NOFL, BGGN, WFIB, WTSW, SOSP, CORA, KILL, LEGO, SAPH, RCKI, RSHA, NUWO, CAQU, ACWO
Mammals: California ground squirrel
Reptiles: western fence lizard, coastal whiptail, side-blotched lizard
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, hover fly, june bug

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew leads to south end of site to begin vegetation removal on the side slopes working north.
0900 Crew takes break.
0915 Crew continues vegetation removal on side slopes.
1200 Crew takes lunch.
1230 Crew continues vegetation removal on the side slopes.
1445 Crew wraps up work for the day.

Additional Comments
N/A

Signature

SideSlopes_facingS.jpg
-118.17360976944445 34.187816549999994

SideSlopes_vegetation_removed_facingE3.jpg
-118.17331903888889 34.188522961111104

SideSlopes_vegetation_removed_facingW.jpg
-118.17278201944445 34.18930666111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: October 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	59 °F	0-3 MPH	25 %
End of Day	14:30	82 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Nature's Image (Raul + 10)

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 CALT LEGO BUSH AMCR RCPA WCSP NUWO YRWA CASJ WREN BEWR SPTO ALHU ACWO SOSP NOFL HOFI OATI HUVI WTSW BGGN CAKI RTHA
Desert cottontail, California ground squirrel
Western fence lizard, coastal whiptail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: arrived on site. Gave weap to one new worker (Wander Ramirez).
0700: crew begins work where they left off on Friday (in DG-4 and eventually moved into DG-4A). Primarily removing poison hemlock and tree of heaven.
0815: crew began work in DG-4A.
0900-0923: break
1100-1145: lunch
1253: crew uncovered honeybee hive in work area. Flagged area and put point on FieldMaps. Approximately @ 34.190620, -118.175672.
1330: break & majority of crew left for the day.

Additional Comments
N/A

Signature

Crew_while_conducting_vegetation_removal.jpg

Work_area_after_nonnative_removal.jpg

Crew_before_vegetation_clearing.jpg

Work_area_after_vegetation_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	20 %
End of Day	14:45	87 °F	7-9 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, RCPA, WCSP, CASJ, CORA, HOFI, NUWO, ROPI, GREG, YRWA, BTPI, BUSH, SOSP, SPTO, CALT, WTSW, ACWO, MODO, CAQU, BEWR, COHA, ANHU, AMKE, BLPH, CATH, RTHA, NOFL
Mammals: California ground squirrel, desert cottontail, pocket mice
Reptiles: Western fence lizard, coastal whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, hover fly, yellow jacket, praying mantis, pale cross orb weaver, Argentine ant,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0650 Crew begins vegetation removal at the north end of DG-2 working their way south.
0850 Observed Cooper's hawk flying low and perching on tree along the east trail.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-2.
1000 Observed pocket mice running from one pile of sticks to another.
1100 Crew also in DG-2 WOUS.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-2 and DG-2 WOUS.
1240 Observed deceased crow in DG-2 along the DG-2 WOUS path.
1435 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingS2.jpg
-118.1714128388889 34.1922789

DG2_vegetation_removed_facingE1.jpg
-118.17250036111112 34.19025198888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	20 %
End of Day	15:00	89 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU BEWR SPTO NOFL COHA EUST OCWA WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG SAPH Reptiles: western fence lizard
Mammals: California Ground Squirrel, desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding DG-2 and DG-East Trail 1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2 and DG-East Trail 1.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2 and DG-East Trail 1.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Crew_removing_nonnatives.jpg

Invasive_removal_DG-East_Trail_1_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	0 %
End of Day	14:15	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed clearing.
2. 7, hand tools.
3. 9, Nature's Image, Raymond.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
GHOW, BEWR, CASJ, BUSH, AMCR, ACWO, Amazonia sp., CALT, YRWA, ALHU, and WCSP.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite
0635 Linda showed me to where the crew will be working in DG-4 and DG-4 Drainage. Two GHOW flew from a cottonwood as we were walking.
0640 I began clearing the area.
0700 I alerted the crew they were all clear. They arrived shortly after and began work. Focus: *Ailanthus altissima*, *Lepidium latifolium*, *Brassica nigra*, *Conium maculatum*. Method/tools: Handpulling and hand tools.
0720 Linda and Tatiana were attacked by yellow jackets, while on irrigation work.
0855 Crew broke for first break.
0920 Crew returned from first break.
1050 Crew broke for lunch.
1140 Crew returned from lunch.
1215 Tatiana and Linda went home due to the yellow jacket stings.
1330 Crew broke for a second break, but the DG crew started wrapping up for the day instead. The Perris crew left for the day, and Raymond also left.
1415 The crew finished putting everything away and left for the day.

Additional Comments

Signature

work_area_before_facingWNW.jpg
-118.17583388888889 34.19065472222222

work_area_after_facingWNW.jpg
-118.17581583333333 34.19062472222222

work_area_alternate_view_after_facingNNE.jpg
-118.17584972222222 34.190621944444445

side_work_area_after_facingNW.jpg
-118.17583888888889 34.190728888888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: October 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	54 °F	0-3 MPH	100 %
End of Day	14:40	87 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal (poison hemlock) in DG-4, DG-4 drainage
2. Hand-pulling, hand tools (hoes)
3. Nature's Image: Raymond (with 8 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:
HOFI CALT ACWO BEWR YRWA LEGO CASJ
cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Met crew Raymond showed me the area that the crew plan to work in. Swept area prior to work commencing.
0705 Crew began removing non-native veg (poison hemlock).
0840 Crew took a break
0900 Crew resume (crew member feeling unwell departed)
1045 Crew break for lunch
1140 Crew resume
1300 Raymond left for an appt
1330 Crew took break, Perris crew departed
1400 Crew of two resumed
1420 Packing up the site for the day

Additional Comments
N/A

Signature

Removing_poison_hemlock_DG4_102324.JPG
-118.16684722222223 34.19474444444444

Removed_vegetation_bundled_DG4_102324.JPG
-118.17592222222223 34.19093055555555

Removing_vegetation_DG4_drainage_102324.JPG
-118.17600555555556 34.19062777777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: October 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:27	60 °F	0-3 MPH	0 %
End of Day	14:38	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal and disposal of non-native invasive plant species.
2) Equipment used for restoration activities are limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: AMCR, AMKE, WCSP, CALT, SOSP, BEWR, ANHU, CASJ, ACWO, NUWO, YRWA, HOFI, NOFL, SPTO, MODO, TUVU, RTHA
Herps: Great Basin fence lizard
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF biologist and Gothic Crew arrived on east side of Arroyo Seco at the Johnson Field staging area.
0645: Gothic crew working along access road (DG-East Trail 1& 2) removing non-native invasive plant species.
0900: Crew on AM break.
0915: Crew back to work weeding along access road (DG-East Trail 1& 2).
1200: Crew on lunch break.
1230: Crew back to work weeding along access road (DG-East Trail 3).
1430: Crew done and disposing of weed material.
1440: ICF biologist and Gothic crew leaving work area for the day.

Additional Comments
N/A

Signature

DG-EastTrail1&2_weed_removal_facingS.jpg
-118.172398075 34.18841615555555

DG-EastTrail1&2_weeding_facingNE.jpg
-118.17272366666667 34.18803481944444

Crew_collecting_disposing_weeds_facingNE.jpg
-118.1721761388889 34.18962136111111

Collected_weeds_go_into_bin_FacingSw.jpg
-118.17147212777778 34.19218120833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	10 %
End of Day	15:00	87 °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.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL EUST OCWA WBNU BTPI RCPA AMKE KILL RSHA GREG
Reptiles: western fence lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in Johnson Field and DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in Johnson Field and DG-2.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Johnson Field and DG-2.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_Johnson_Field_facingE.jpg

Invasive_removal_DG-2_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: October 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	10 %
End of Day	14:43	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (hoe, shovel)
3. Natures Image: 8 crew members (Raymond 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:
CASJ AMCR CALT ACWO HOFI BEWR WREN LEGO RCPA WCSP SPTO BUSH SOSP BLPH CAKI NOFL HUVI ANHU OATI

desert cottontail, bobcat, western honey bee, western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0650-0707 Pre-clearance sweep of work area. Woodrat middens and poison oak in area.
0710 Crew began removing poison hemlock in area
0830 Relocated a western fence lizard
0850-0920 Crew on break #1
0920 Crew working
1045-1140 Crew on lunch break
1140 Crew working
1210 Raymond informed me that Friday Oct 25 is his last day at DG. Lalo and Raul will be interim foremen
1320-1350 Crew on break #2
1420 Crew began clean up

Additional Comments
N/A

Signature

Vegetation_clearing_before_facingN.jpg

Vegetation_clearing_after_facingN.jpg

Vegetation_clearing_before_facingNW.jpg

Vegetation_clearing_after_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:20	58 °F	0-3 MPH	0 %
End of Day	14:00	83 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. Hand tools, 8.
3. 10, Nature's image, Raymond and Lalo Maldonado.

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, BUSH, CASJ, Amazonia sp., AMCR, SAPH, BLPH, CALT, HOFI, California ground squirrel, and WCSP.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0640 Raymond showed me to where they'll be working today in DG-4, DG-4 Drainage, and DG-4A.
0645 I began clearing the area.
0705 I finished clearing the area and alerted the crew. Focus: *Lepidium latifolium*, *Conium maculatum*, *Brassica nigra*, and *Cirsium vulgare*. Method/tools: handpulling and handtools.
0855 Crew broke for first break.
0920 Crew returned from first break.
1050 Crew broke for lunch.
1140 Crew returned from lunch.
1250 The Perris left early for the day. The DG crew broke for the second break.
1315 Crew returned from second break.
1320 Crew began to wrap up for the day.
1345 Crew finished putting everything away. And began spraying the connex for mold.
1400 Crew finished spraying for mold and left for the day.

Additional Comments
N/A

Signature

work_area_1_before_facingSW.jpg
-118.17619888888889 34.190908888888885

work_area_1_after_facingSW.jpg
-118.17619194444445 34.19091888888889

work_area_2_before_facingN.jpg
-118.17608194444445 34.191019999999995

work_area_2_after_facingNW.jpg
-118.17610083333334 34.19100472222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	62 °F	0-3 MPH	0 %
End of Day	14:45	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, RCPA, WCSP, CASJ, CORA, HOFI, NUWO, YRWA, BTPI, BUSH, SOSP, SPTO, CALT, ACWO, CAQU, BEWR, ALHU, AMKE, BLPH, RTHA, NOFL, KILL, RSHA, NOMO, LEGO, CAKI, PHAI
Mammals: California ground squirrel, fox squirrel
Reptiles: western fence lizard, coastal whiptail
Amphibians: western toad
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, hover fly, yellow jacket, pale cross orb weaver, Argentine ant, cabbage white, sulphurs, marine blue

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0730 Crew arrives on site.
0740 Crew begins vegetation removal at the north end of DG-2 along the trail.
0810 Crew moves to DG-2 along DG-2 WOUS.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-2.
1100 Crew removing chicken wire around plants that no longer need it.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-2 and DG-2 WOUS.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingE2.jpg
-118.17111395 34.193196538888884

DG2WOUS_vegetation_removed_facingNW.jpg
-118.17212836944445 34.18999763055555

DG2WOUS_vegetation_removed_facingE.jpg
-118.17195538055556 34.190541777777774

RTHA_perched_along_DGtraileast_facingNE.jpg
-118.17113547222223 34.19101496111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: October 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	15:00	71 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL EUST OCWA WBNU BTPI RCPA TUVU AMKE KILL SAPH
Reptiles: NA
Mammals: California ground squirrel, Desert cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in Johnson Field.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in Johnson Field.
1500: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_Johnson_Field_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: October 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	56 °F	0-3 MPH	100 %
End of Day	14:33	70 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Nature's Image (9) Lalo is interim 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:
CALT BLPH BEWR CASJ BUSH WCSP SPTO NUWO AMCR LEGO OATI SOSP NOFL ACWO YRWA ANHU RCPA MODO
Coyote, Desert cottontail, California ground squirrel
Western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: arrived on site. Was walked to work area (DG-4 and DG-4 sheetflow) by Ed.
0700: crew began work. Seven people are working on vegetation removal, two on irrigation. Crew primarily removing poison hemlock and mustard. Lots of stinging nettle and woodrat middens in area to avoid.
0755: removed old nesting bird flagging for CASJ-6 since crew is working in that direction.
0857-0928: break
0928: work moving into DG-4 drainage restoration area.
1020: located unmarked inactive bird nest (~34.191460, -118.175971) in small clump of grass within relative work area.
1050-1155: lunch
1325: break. Lalo's crew left. Only Linda and Ed left on veg removal/cleanup of site.

Additional Comments
App won't let me rename photos. Photo 1: Pre_vegetation_clearing_1 Photo 2: post_vegetation_clearing_1 Photo 3: pre_vegetation_clearing_2 Photo 4: post_vegetation_clearing_2

Signature

Pre_vegetation_clearing_1.**jpg**

post_vegetation_clearing_1.**jpg**
-118.17620508333334 34.19123002777778

pre_vegetation_clearing_2.**jpg**

post_vegetation_clearing_2.**jpg**
-118.17621781944445 34.19120671388889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: October 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:47	53 °F	0-3 MPH	0 %
End of Day	14:21	66 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Habitat restoration (weeding)
2. Hand tools
3. Lalo (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:
Yellowjacket, Dragonfly sp., Western Honeybee, Cabbage White, Side-Blotched Lizard

CALT, SOSP, BEWR, BUSH, CAQU, SPTO, AMCR, WCSP, YRWA, AMRO, CASJ, HOFI, NUWO, BLPH, WREN, Amazona sp., OATI, ACWO, NOFL, RSHA, CEWA, LEGO, ALHU, ANHU, CORA, CAKI, HUVI, AMKE

Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0624- Arrived on site. Met with Lalo to sweep planned work area. They are planning on continuing work in DG-4 and DG-4 Drainage areas.
0700- Crew started work and are working their way southwest. They are removing hemlock, mustard, and will be using machetes to cut down a few trees of heaven within the work area.
0845- Crew stopped for break.
0915- Crew resumed work after break.
1100- Crew stopped for lunch.
1130- Crew resumed work after lunch. They are working their way southwest of where they started working.
1330- Crew stopped for break. Perris crew left for the day.
1400- Crew resumed work and are cleaning up for the day.
1420- Crew finished for the day.

Additional Comments
N/A

Signature

DG-4_drainage_prior_to_work_starting.JPG
-118.17613611111112 34.191402777777775

Crew_starting_work.JPG
-118.17623611111111 34.19118333333333

Crew_working.JPG
-118.17634444444445 34.19118611111111

Crew_finishing_up_for_the_day.JPG
-118.1762638888889 34.19147222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: October 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	4-6 MPH	0 %
End of Day	14:45	66 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools and hand pulling.
3. Gothoc Landscape crew of 10 plus Juan 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: AMCR, WCSP, CORA, RCPA, CASJ, BUSH, ACWO, NOMO, SPTO, BTPI, CALT, OATI, WREN, NOFL, HOFI, CAQU, YRWA, MODO, SOSP, RTHA, LEGO, BEWR, RSHA, ALHU, RCKI, AMKE, SAPH
Mammals: desert cottontail, California ground squirrel, fox squirrel
Reptiles: western fence lizard, coastal whiptail
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, hover fly, Argentine ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site. Safety tailgate.
0650 Crew begins vegetation removal in Johnson Field.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field.
1430 Observed red-tailed hawk eating snake on telephone pole.
1435 Crew wraps up work for the day.

Additional Comments
N/A

Signature

JohnsonField_vegetation_removed_facingW2.jpg
-118.1713127 34.19135521111111

JohnsonField_vegetation_removed_facingS1.jpg
-118.17127238055556 34.19191352777777

JohnsonField_vegetation_removed_facingS3.jpg
-118.17124886944445 34.19186736944444

RTHA_eating_snake_facingS.jpg
-118.1707150888889 34.19165233333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: October 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	48 °F	0-3 MPH	0 %
End of Day	14:19	70 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removal of nonnative plants
2. Hand tools
3. Nature's Image crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

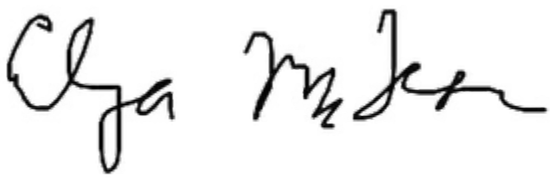
List of species observed while monitoring:
CALT CASJ SPTO SOSP DEJU WCSP YRWA AMCR RCPA BLPH NUWO CAQU BEWR LEGO RTHA
Desert cottontail, California ground squirrel
Side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived on site.
0630 Checked in with Ed. He showed me the work area in DG-4A (34.191482°N 118.175963°W). Crew will be working their way north, removing perennial pepper weed and black mustard. Conducted a pre-activity sweep.
0700 No wildlife directly in the work area. Crew started working. Monitored wildlife activity in the area.
0845-0915 Crew's morning break
1045-1145 Lunch
1320-1350 Crew's afternoon break
1415 Crew started cleaning up for the day. Headed back to work vehicle. Left site.

Additional Comments
N/A

Signature



20241030_workarea1_facingN.JPG
-118.1759888888889 34.19142222222222

20241030_workarea2_facingN.JPG
-118.17605 34.19145833333333

20241030_workarea1_end_of_day_facingNE.JPG
-118.17596111111112 34.19145833333333

20241030_workarea2_end_of_day_facingNW.JPG
-118.17600833333334 34.191447222222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: October 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	30 %
End of Day	15:00	70 °F	7-9 MPH	15 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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: Oak Titmouse, White-crowned Sparrow, American Kestrel, Acorn Woodpecker, American Crow, Wrentit, Spotted Towhee, California Towhee, Bewick's Wren, Red-crowned Parrot, Ruby-crowned Kinglet, Yellow-rumped Warbler, Dark-eyed Junco, Bushtit, California Scrub Jay, Mourning Dove, Northern Flicker, Western Bluebird, House Finch, Common Raven, California Quail, European Starling, Cassin's Kingbird, Black Phoebe, Nuttall's Woodpecker
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel, Coyote
Herps: Side-blotched Lizard, Western Fence Lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700 - Walked from Johnson Field to DG-3 to assess any problem areas/gauge what work could be done
0930 - Crew broke for break
1145 - Crew broke for lunch
All day - Crew weeded invasive and exotic sprouts throughout DG-2 and hand watered more recent plantings

Additional Comments

Signature

Crew_weeding_along_trail_DG-2.jpg
-118.17097944444446 34.19117391666666

Hand_watered_cottonwood_cutting.jpg
-118.17088186666668 34.19143411111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: October 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:17	50 °F	0-3 MPH	0 %
End of Day	14:40	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal and disposal of non-native invasive plant species on the east side of the Arroyo Seco within and around Johnson Field.
2). Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: AMCR, CALT, BUSH, WREN, COYE, Red-masked Parakeet, SOSP, WCSP, BEWR, RTHA, ANHU, CASJ, NOFL, SAPH, LEGO, HOFI, ACWO, OATI, TUVU
Herps: Great Basin fence lizard
Mammals: Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- ICF biologist and Gothic crew arrived at Johnson Field staging area located on the east side of the Arroyo Seco.
0640 - Crew removing non-native invasive plant species in DG-W-1.
0900 - Crew on AM break.
0915 - Crew back to work weeding in DG-W-1.
1200 - Crew on lunch break.
1230 - Crew back to work weeding in DG-W-1.
1430 - Crew demobilizing restoration activities and disposing of collected materials.
1440 - ICF biologist and Gothic crew leaving the site.

Additional Comments
N/A

Signature

Gothic_crew_removing_weeds_FacingE.jpg
-118.17134422222223 34.191343749999994

Crew_removing_weeds_JohnsonField_facingNE.jpg
-118.17134353888889 34.19134347222222

Crew_weeding_invasives_FacingW.jpg
-118.17163139444445 34.19199001111111

Weeding_by_Gothic_Crew_FacingS.jpg
-118.1720065388889 34.191415202777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: October 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:20	44 °F	0-3 MPH	0 %
End of Day	14:20	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weed removal.
2. Hand tools, 7.
3. 7, Nature's Image, Lalo Maldonado.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
SPTO, CALT, SOSP, WCSP, AMCR, BEWR, ACWO, Amazonia sp., and Desert cottontail.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Ed showed me where they will be working in DG-4, DG-4 drainage, and DG-4A.
0645 I began clearing the area.
0700 I alerted the crew they were all clear, and they started shortly after. Focus: *Conium maculatum*, *Brassica nigra*, *Lobularia maritima*, and *Ailanthus altissimum*. Tools/method: hand tools and hand pulling.
0830 Ed showed me a couple potential areas they may move to today.
0845 While we were looking at potential areas, Ed and I came upon several willows that had been sawed down. These are non-project related cuts of trees. Carley, Caroline Garcia, and Josh Harris were alerted. These cuts were photo documented and a point on fieldmaps was made.
0855 Crew broke for first break.
0920 Crew returned from first break. And Ed showed me to the next area they'll be working in DG-4A and DG-4A.
0930-0935 I began a quick clearance of this area before the crew arrives.
0945 After wrapping up the previous area, the crew arrived at a small area on the way to where Ed showed me. They began removing *Ailanthus altissimum* sprouts and small patches of weeds before moving to the area Ed showed me.
1025 The crew moved to the area showed me in upper boulder and began work.
1055 Crew broke for lunch.
1140 Crew returned from lunch.
1325 Crew broke for second break. The Perris crew left for the day.
1345 Crew returned from second break.
1405 Crew began wrapping up for the day.
1420 Crew finished putting everything away and left for the day.

Additional Comments

Signature

work_area_1_start_facingSE.jpg
-118.17587277777778 34.19165888888889

work_area_1_end_facingSE.jpg
-118.17581194444445 34.19160083333333

work_area_2_start_facingN.jpg
-118.1753688888889 34.19047777777777

work_area_2_end_facingN.jpg
-118.17536277777778 34.19042472222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: November 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	51 °F	0-3 MPH	0 %
End of Day	14:15	70 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Lalo (Nature's Image Foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

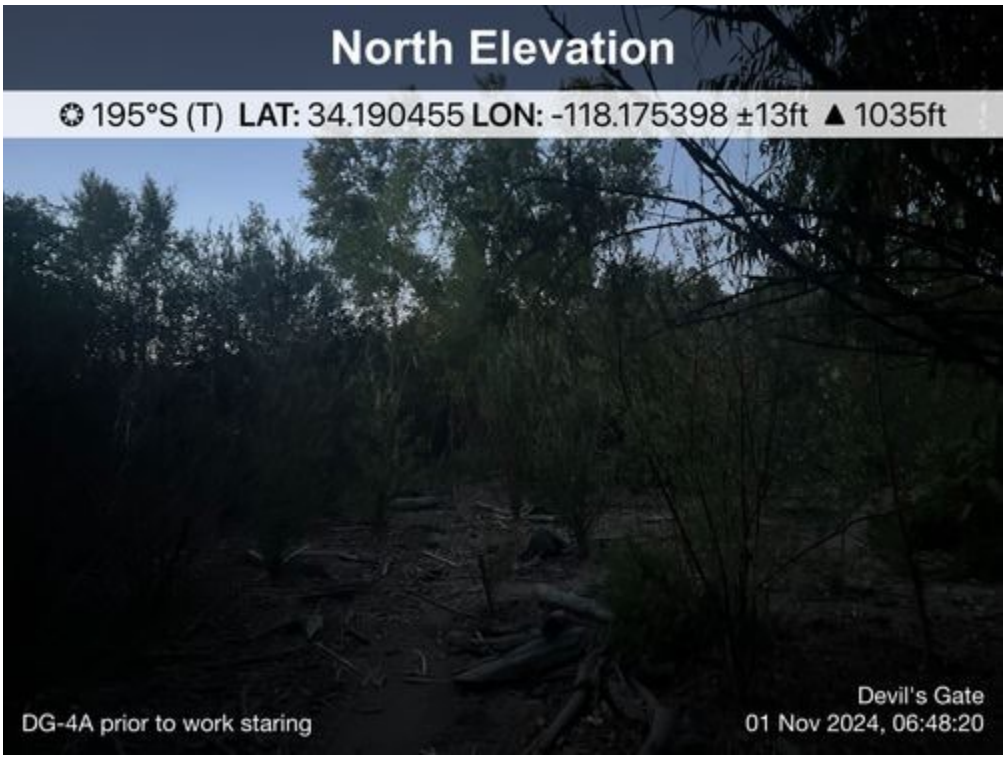
List of species observed while monitoring:
Western Honeybee, Western Yellowjacket, Dragonfly sp. Western Toad, Western Fence Lizard, Common Side-Blotch Lizard, CALT, SOSP, WREN, AMCR, BUSH, CASJ, HOFI, NOFL, CORA, LEGO, YRWA, WCSP, NUWO, Amazona sp., BLPH, RSHA, ACWO, CAKI, BEWR, MODO, ALHU, CAQU, RTHA, Desert Cottontail, Horse, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0622- Arrived on site. Went and swept planned work area. (DG-4A). They are working in the planted area.
0700- Crew started work. They are removing mustard, hemlock, grass, and pepperweed.
0845- Crew stopped for break.
0915- Crew resumed work after break.
1100- Crew stopped for lunch.
1145- Crew resumed work after lunch.
1300- Crew stopped for break. Perry's crew left for the day.
1345- Crew resumed work after break.
1410- Crew is cleaning up for the day. They are going to continue to work in DG-4A in the same area but will work their way north trying to avoid a yellow jacket nest that was found earlier in the day.
1415- Crew finished for the day.

Additional Comments
N/A

Signature



DG-4A_prior_to_work_starting.JPG
-118.17539722222223 34.19045555555555

Crew_starting_work.JPG
-118.17529722222223 34.19045

Crew_working.JPG
-118.17563055555556 34.19031944444444

Crew_finishing_up_for_the_day.JPG
-118.17544722222223 34.19038055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	13:45	68 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothoc Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

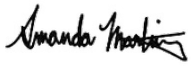
List of species observed while monitoring:
Birds: CORA, AMCR, CASJ, WREN, CALT, RCPA, YRWA, BGGN, GREG, ACWO, NOMO, WCSP, RCKI, HOFI, RSHA, BEWR, BUSH, NOFL, COHA, BLPH, BTPI, RTHA, CAKI, TUVU
Mammals: California ground squirrel, fox squirrel
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee, dragonfly, harvester ant, blow fly, hover fly, Argentine ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0650 Crew begins vegetation removal in Johnson Field.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field.
1130 Observed deceased crow in Johnson Field.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field.
1335 Crew wraps up work for the day.

Additional Comments
N/A

Signature



JohnsonField_vegetation_removed_facingS2.jpg
-118.17164573055555 34.192161166666665

JohnsonField_vegetation_removed_facingS4.jpg
-118.17137768055557 34.19162397222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Taylor Solorzano
Company: ICF
Date of Log: November 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	4-6 MPH	0 %
End of Day	15:00	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan Medina as crew lead.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

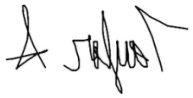
List of species observed while monitoring:
Birds: RCPA, WCSP, AMCR, CASJ, ACWO, NOFL, BUSH, CORA, YRWA, NOMO, MAKE, HOFI, SPTO, CALT, WREN, RTHA, ANHU, CAKI, NOHA
Reptiles: Western whiptail
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0645: Safety tailgate.
0655: Crew begins work weeding DG-8 and DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
0900: Crew takes a break.
0915: Crew returns to work weeding in DG-2, DG-8, and DG-1.
1045: Crew asked if a plant was okay to remove. Believe the species to be wand mullein but was advised by another bio to wait until the plant has grown more to make a positive identification.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-1.
1430: Crew stops work for the day and loads equipment back into truck.
1445: Crew takes debris to dumpster.

Additional Comments
N/A

Signature



Invasive_species_removal_DG-8_facingN.jpg
-118.17148806388889 34.19255533333333

Invasive_species_removal_DG-2_facingNW.jpg
-118.1709290138889 34.19370763888889

Invasive_species_removal_DG-1_facingN.jpg
-118.17035313055555 34.19424762222222

Invasive_species_removal_DG-1_facingNE.jpg
-118.17039666666668 34.1944284

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: November 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	14:00	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (1 shovel and 2 hoes)
3. Nature's Image: 6 crew (Lalo Mandonalo 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:
western fence lizard, western honey bee, yellow jacket, dragonfly sp., DEJU, WEBL, AMCR, CALT, RCPA, ACWO, MODO, CAKI, HOFI, BEWR, CASJ, RTHA, WEME, AMKE, SOSP, BUSH, ANHU, LEGO, RSHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0640 Eduardo showed me to the work area: planted area of DG-4A
0650-0700 Pre-clearance sweep of work area. Woodrat middens and poison oak.
0705 Crew began working. Spoke to Lalo about wasp nest area marked on FieldMaps by Sam - exact location unknown but I put up flagging in suspected area.
0800 Crew located active wasp nest. I updated FieldMaps to correct location and put flagging around nest entrance.
0850-0920 Crew on break #1
0920-1050 Crew working in planted area
1050-1140 Crew on lunch break
1140-1200 Crew continued working in planted area
1200 Eduardo informed me that crew is finished in this area and will move NE across the path to the boulders.
1200-1205 Pre-clearance sweep of boulder area
1205-1320 Crew working in boulder area, progressing southeast
1320-1350 Crew on break #2
1350 Eduardo and Linda returned to work area. Eduardo informed me that crew was done clearing brush for the day and will begin tarp clean up.

Additional Comments
N/A

Signature

Vegetation_clearing_before_facingNE.jpg

Vegetation_clearing_after_facingNE.jpg

Vegetation_clearing_area2_before_facingN.jpg

Vegetation_clearing_area2_after_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Taylor Solorzano
Company: ICF
Date of Log: November 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	5 %
End of Day	15:00	72 °F	4-6 MPH	95 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan Medina 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: AMCR, WCSP, YRWA, WEBL, CALT, CAQU, CASJ, AMKE, HOFI, CAKI, CORA, RTHA, BLPH, ANHU, DEJU, WREN, GCSP, NOMO, BUSH
Reptiles: Western Fence Lizard
Mammals: Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Crew arrives on site.
0645: Safety tailgate.
0655: Crew begins work weeding DG-1. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
0900: Crew takes a break.
0915: Crew returns to work weeding in DG-1.
1200: Crew breaks for lunch.
1230: Crew returns to work in DG-1.
1430: Crew stops work for the day and loads equipment back into truck.
1445: Crew takes debris to dumpster.

Additional Comments
N/A

Signature

Invasive_species_removal_DG-1_facingNW.jpg
-118.16978625833333 34.194733

Invasive_species_removal_DG-1_facingW.jpg
-118.16906510000001 34.19528138888889

Invasive_species_removal_during.jpg
-118.16854974722223 34.19607911111111

Invasive_species_removal_DG-1_facing.jpg
-118.16849611111111 34.1965875

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: November 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	5 %
End of Day	13:20	74 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. 9 (Raul stopped by briefly)

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, NOFL, CALT, CASJ, BEWR, YRWA, HOFI, AMKE, AMCR, WCSP, ANHU, ALHU, LEGO, NUWO, RSHA, WTSW, OATI, BGGN, CAKI, BLPH, GREG, ACWO, Coyote, Desert cottontail, California ground squirrel, Side blotched lizard, Western fence lizard

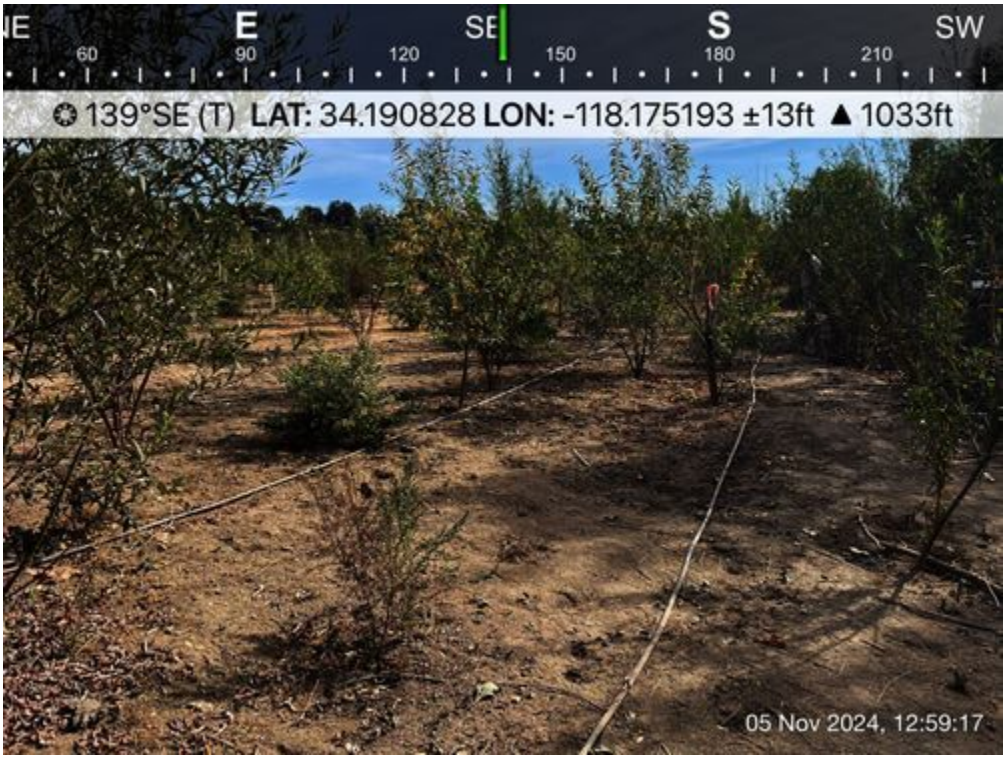
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: arrived on site. Linda showed me the area where the crew left off yesterday (DG-4A).
0707: crew began working. Primarily pulling mustard, pepper weed, and a few areas with scarlet pimpernel.
0806: located inactive nest approximately at 34.191364, -118.175163. Cavity in snag-assuming old nest due to amount of whitewash below.
0900-0920: break
1009: Augustine identified a small California poppy-showed new crew members so they aren't removed
1039: Removed old nest flagging for BUSH-3
1100-1145: lunch
1240: Tatiana and Linda notified me about insect damage to four willows (multiple species) near their irrigation work. Flagged, marked on FieldMaps, and sent photos to Carley for confirmation. Location ~34.191620, -118.175840.
1320: crew leaving early to vote. Confirmed by Raul and Mitch.

Additional Comments
N/A

Signature

Pre_removal.jpg



Post_removal.jpg

Insect_damage.JPG

Affected_willows.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: November 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	50 °F	0-3 MPH	0 %
End of Day	14:40	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1). Gothic crew is conducting restoration activities limited to the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, specifically hoes.
3). Gothic crew comprised of 10 men plus foreman Juan.

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, ACWO, WCSP, CASJ, Red-masked Parakeet, LEGO, RSHA, BUSH, HOFI, MODO, NUWO, YRWA, ANHU, NOFL, AMCR, CORA, TUVU, WEBL, AMKE, SOSP, NOMO, BGGN
Herps: Great Basin Fence Lizard
Mammals: Desert Cottontail, California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF Biologist and Gothic Crew arrived along east side of Arroyo Seco at Johnson Field staging area.
0640 - Crew working on the east side of Arroyo Seco in the north end of DG-1. Work limited to the removal and disposal of non-native invasive plant species.
0900 - Crew on morning break.
0915 - Crew back to work weeding along the north end of DG-1.
1200 - Crew on lunch break.
1240 - Crew back to work removing weeds along the north end of DG-1.
1430 - Crew disposing of material and demobilizing for the day.
1440 - ICF and Gothic leaving the site.

Additional Comments
N/A

Signature

Gothic_crew_removing_weeds_facingNE.jpg
-118.16859461111112 34.1969335

Crew_weeding_DG-1_facingNW.jpg
-118.16824147777778 34.196956111111106

Crew_transporting_material_for_disposal_facingNW.jpg
-118.16819990833334 34.197397055555555

Crew_weeding_at_DG-1_FacingN.jpg
-118.16814012777779 34.19841013888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: November 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	53 °F	0-3 MPH	10 %
End of Day	14:10	87 °F	0-3 MPH	2 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration weeding monitoring.
2. Hand tools, 7.
3. 7, Nature's Image, Lalo Maldonado and Ed.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Amazonia sp., AMCR, BEWR, NUWO, CASJ, CALT, TUVU, NOFL, GREG, SOSP, YRWA, and green praying mantis.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0635 Ed showed me to where they'll be working today in DG-4A and DG-4.
0640 I began clearing the area.
0700 I finished clearing the area and alerted the crew. They arrived and began work shortly after. Focus: *Lepidium latifolium*, *Brassica nigra*, *Conium maculatum*,. Tools/method: hand tools and hand pulling.
0850 Crew broke for first break.
0915 Crew returned from first break.
1050 Crew broke for lunch.
1135 Crew returned from break.
1200 I noted some trees of concern Tatiana showed me by dirt pile.
1325 Crew broke for second break and the Perris crew left shortly after.
1345 Crew returned from second break.
1350 Crew began wrapping up for the day.
1410 The crew finished putting everything away and have left for the day.

Additional Comments
N/A

Signature

work_area1_during_facingN.jpg
-118.17469583333333 34.19040777777777

work_area2_before_facingW.jpg
-118.17480972222222 34.19077583333333

work_area2_after_facingW.jpg
-118.1746888888889 34.19080194444444

work_area3_during_facingNNE.jpg
-118.17510083333333 34.19092777777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: November 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	45 °F	0-3 MPH	0 %
End of Day	14:42	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal and disposal of non-native invasive plant species.
2) Restoration equipment is limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: BUSH, CALT, Red-masked Parakeet, ACWO, HOFI, AMCR, YRWA, WREN, WCSP, ANHU, MODO, RCKI, SAPH, COHA, NOFL, TUVU, RSHA, BGGN, BLPH, RTHA, HOLA
Herps: Great Basin Fence Lizard
Mammals: Desert Cottontail, California Ground Squirrel, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF biologist and Gothic crew arrived at Johnson Field staging area located on the east side of the Arroyo Seco.
0640 - Crew removing non-native invasive plant species on the east bank of the Arroyo Seco, adjacent to Johnson Field (DG-2).
0900 - Crew on morning break.
0915 - Crew back in DG-2 removing non-native invasive plant species.
1200 - Crew on lunch break.
1230 - Crew back work in DG-2.
1425 - Crew demobilizing and disposing of collected weed material.
1440 - ICF and Gothic leaving the site.

Additional Comments
N/A

Signature

Crew_weeding_DG-2_facingSE.jpg
-118.17226922222223 34.192952777777776

Crew_removing_weeds_DG-2_FacingSW.jpg
-118.17234585277778 34.19062938055555

Crew_transporting_cut_weeds_for_disposal_FacingSW.jpg
-118.17257066666667 34.19050984166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	48 °F	4-6 MPH	0 %
End of Day	14:45	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants, primarily perennial pepperweed and black mustard
2. Hand tools
3. Nature's 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, HOFI, CALT, YRWA, ACWO, AMCR, BUSH, CASJ, WEBL, RSHA, MODO, CAQU, ANHU, WCSP, SOSP, GREG, Desert cottontail, California ground squirrel, side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 Tatiana showed me to the work area in DG-4 (34.190667°N 118.174516°W). Checked for wildlife in the area.
0650 no wildlife in harm's way. Crew started working.
0710 Ed showed me a couple other areas the crew might work on today. Checked for wildlife in the area.
0730 no nesting activity observed, went back to where the crew is working. 0845-0915 crew's morning break. Checked on potential ISHB willows (34.191612°N 118.175829°W). Added photos to field map point and updated Carley (ECORP PM). 0945 crew finished with the area. Moved farther north in DG-4 (34.191665°N 118.175244°W).
1045-1145 lunch
1145 continued monitoring restoration in DG-4 (34.191923, -118.174644).
1315-1345 crew's afternoon break.
1415 crew started cleaning up for the day. Ed showed me the work area for tomorrow. Took end of day photos and headed back to car.
1445 left site.

Additional Comments
N/A

Signature

20241107_workarea1after_facingN.JPG
-118.17508333333333 34.19096111111111

20241107_workarea2after_facingNW.JPG
-118.17449444444445 34.19073888888889

20241107_workarea3after_facingNW.JPG
-118.17514444444446 34.19163611111111

20241107_workarea_end_of_day_facingNE.JPG
-118.17493888888889 34.19189722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: November 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	48 °F	0-3 MPH	0 %
End of Day	14:10	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Ed Lalo (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:
Western Honeybee Western Fence Lizard, Common Side-Blotch SPTO, CALT, CAKI, SOSP, ACWO, CASJ, AMCR, Amazona sp., WCSP, NUWO, LEGO, HOFI, NOFL, YRWA, EUST, BEWR, CAQU, BUSH, RSHA, BLPH, RCKI, GREG, OATI, BGGN, CORA, GTGR California Ground Squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625- Arrived on site. Swept planned work area in DG-4.
0655- Crew started work in DG-4. They are removing mustard, pepperweed, and hemlock.
0845- Crew stopped for break.
0915- Crew resumed work after break.
1050- Crew stopped for lunch.
1140- Crew resumed work after lunch.
1300- Perris crew left for the day. Went with Lalo to look at new spot for Monday's working spot.
1315- Crew stopped for break.
1335- Crew resumed work after break.
1410- Crew finished work for the day. They are going to work in DG-4A (34.1889591, -118.1775267) and will work there way north.

Additional Comments
N/A

Signature

DG-4_prior_to_work_starting.JPG
-118.17446944444445 34.19228611111111

Crew_starting_work.JPG
-118.17455833333334 34.192344444444444

Crew_working.JPG
-118.17405277777779 34.19205833333333

Crew_cleaning_up_for_the_day.JPG
-118.17323888888889 34.19255277777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: November 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	20 %
End of Day	14:00	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, YRWA, CASJ, HOFI, AMCR, CORA, ANHU, OATI, ACWO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, AGOL, BARS, CLSW, BGGN, BUOR, LASP, NUWO, LEGO, DEJU, CAQU, TUVU, BEWR, SPTO, LEGO, NOFL, COHA, EUST, OCWA, WBNU, BTPI, RCPA, TUVU, AMKE, KILL, RSHA, GREG, SAPH
Reptiles: western fence lizard
Mammals: California Ground Squirrel, Desert Cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding on Side Slopes with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal on Side Slopes.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal on Side Slopes.
1400: Crew stops work for the day.

Additional Comments
Photo 1: Invasive_species_removal_Side_Slopes_facingS Photo 2: Invasive_species_removal_Side_Slopes_facingNW

Signature

Invasive_species_removal_Side_Slopes_facingS.jpg

Invasive_species_removal_Side_Slopes_facingNW**.jpg**

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: November 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	15:00	67 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

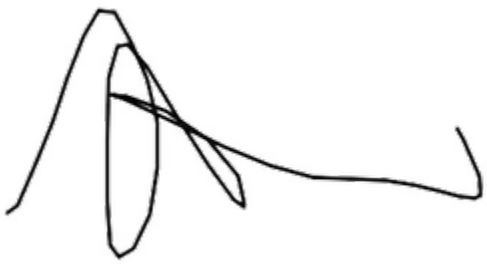
List of species observed while monitoring:
Birds: Mourning Dove, California Towhee, House Finch, White-crowned Sparrow, Acorn Woodpecker, California Scurb Jay, American Crow, Northern Flicker, Nuttall's Woodpecker, Bewick's Wren, Red-crowned Parrot, Spotted Towhee, Anna's Hummingbird, Ruby-crowned Kinglet, Song Sparrow, European Starling, Yellow-rumped Warbler, Lesser Goldfinch, Cassin's Kingbird, Cooper's Hawk, Eurasian Collard Dove, Western Bluebird, Oak Titmouse, Bushtit, Spotted Towhee
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Side-blotched Lizard, Western Fence Lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700 - Walked the upper half of the west side to look for any problem areas or biological resource concerns
0945 - Crew broke for break
1145 - Crew broke for lunch
1400 - Spoke with Juan regarding plans for the week/areas planned to be covered
All day - Crew weeded invasive and exotic sprouts throughout DG-W-2 and DG-4 on the West side of the site.

Additional Comments

Signature



Crews_weeding_DG-4.jpg
-118.17491309722223 34.193105027777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: November 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	51 °F	0-3 MPH	0 %
End of Day	14:30	61 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Hoes, shovels
3. 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:
AMCR, HOFI, SOSP, RCPA, CALT, YRWA, SPTO, BEWR, western toad, COYE, RCKI, CAQU, western fence lizard, WCSP, ANHU, CORA, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived onsite
0630 Ed (Natures Image) shows me work area for the day. Approximately 34.189060 N, 118.177289 W
0700 crew arrives in area and starts working. Five people are removing non-native veg while two people are on irrigation tasks.
0850 crew breaks
0920 crew returns
1050 crew breaks for lunch
1135 crew returns from lunch
1254 crew member finds old CAQU nest on floor. I directed them to work around it.
1322 crew takes break. Additional crew leaves for the day.
1340 crew of three returns to work area and starts cleaning up.
1430 left site.

Additional Comments
N/A

Signature

Start_of_day_facingS.jpg

Mid_day_facingN.jpg

End_of_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: November 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	0 %
End of Day	14:20	69 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Ed Lalo (Nature's Image)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

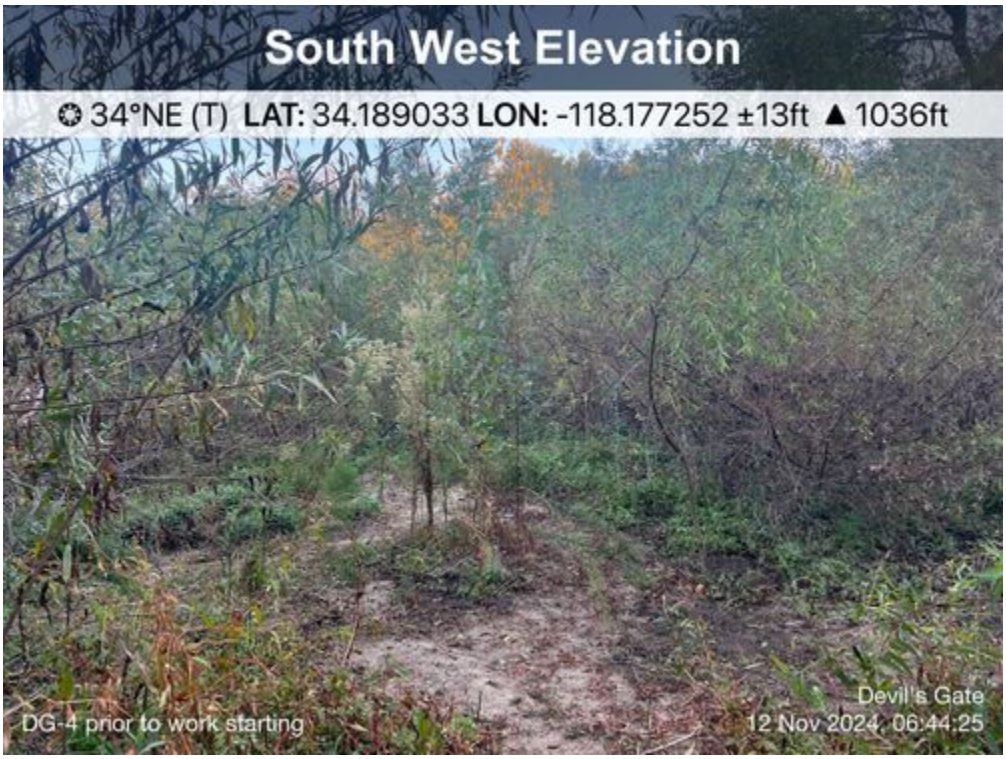
List of species observed while monitoring:
Western yellowjacket, Cabbage white, Western toad, Treefrog sp., Western fence lizard, AMRO, RCKI, OATI, AMCR, BLPH, HOFI, LEGO, BEWR, YRWA, Amazona sp., CAQU, NUWO, HUVI, CALT, SOSP, RSHA, BUSH, WTSW, WCSP, CORA, ALHU, OCWA, CASJ, GREG, WREN, ACWO, CAKI, NOFL
California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0628- Arrived on site. Went and swept planned work area in DG-4.
0700- Crew started work. They are removing pepperweed, mustard, hemlock, and wild radish.
0900- Crew stopped for break.
0930- Crew resumed work after break.
1100- Crew stopped for lunch.
1140- Crew resumed work after lunch.
1300- Crew stopped for break. Perris crew is leaving for the day.
1340- Rest of the crew resumed work after break.
1410- Crew is starting to clean up for the day. They are going to start in DG-4 tommorrow (34.1894760, -118.1761618).
1420- Crew finished for the day.

Additional Comments
N/A

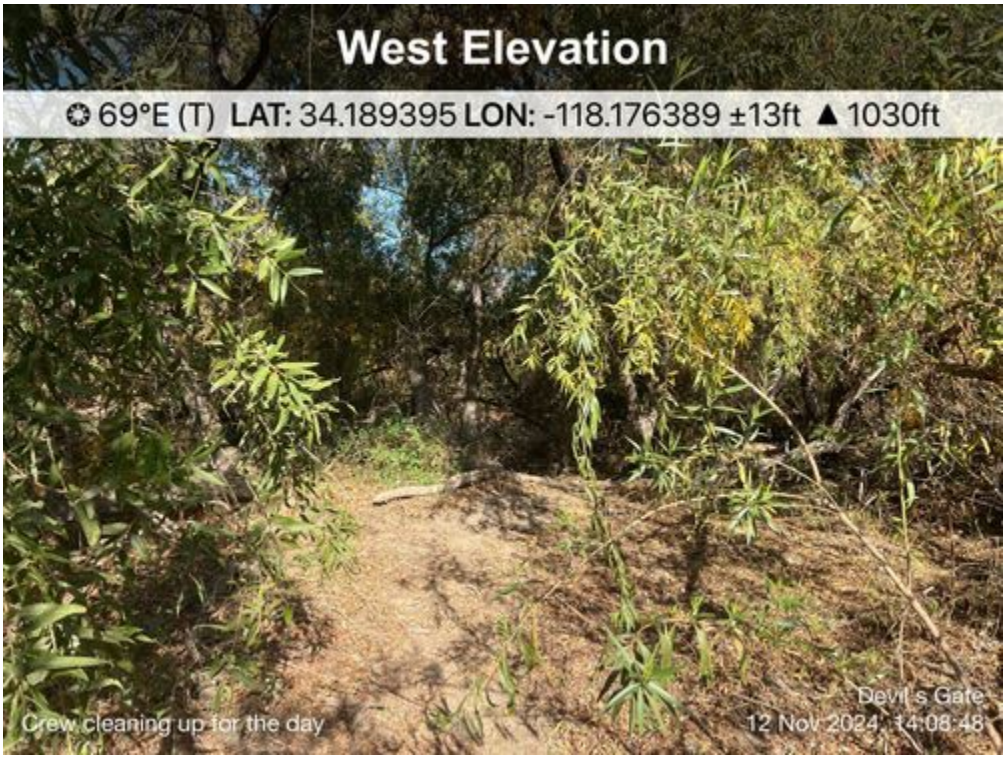
Signature



DG-4_prior_to_work_starting.JPG
-118.17725277777778 34.18903333333333

Crew_starting_work_in_DG-4.JPG
-118.17726388888889 34.18908055555555

Crew_working.JPG
-118.17641666666667 34.18949444444444



Crew_cleaning_up_for_the_day.JPG
-118.1763888888889 34.18939444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: November 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:21	45 °F	0-3 MPH	0 %
End of Day	14:38	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1). Gothic crew conducting habitat restoration activities consisting of the removal of non-native invasive plant species.
2). Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: Red-masked Parakeet, ACWO, WCSP, RCKI, CASJ, NUWO, NOMO, HOFI, CALT, BUSH, SOSP, MODO, RSHA, ANHU, BEWR, CORA, AMCR, TUVU, RTHA
Herps: Great Basin Fence Lizard
Mammals: California Ground Squirrel, Desert Cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF biologist and Gothic crew arrived in the staging area located on the west side of the Areoyo Seco.
0640 - Gothic crew removing invasive non-native plant species in Gothic work area (DG-4C and DG-4).
0900 - Crew on AM break.
0915 - Crew back to work removing nonnatives.
1200 - Crew on lunch break.
1240 - Crew back to work weeding in west side of Gothic work area (DG-4C, DG-4, and DG-W-2).
1430 - Crew demobilizing and disposing of collected material.
1440 - ICF biologist and Gothic crew leaving site.

Additional Comments
N/A

Signature

Crew_weeding_DG-4C_FacingSE.jpg
-118.17484504722222 34.19323298888889

Gothic_crew_weeding_DG-4C_FacingE.jpg
-118.17457773333334 34.19335235

Gothic_crew_weeding_with_hoe_FacingNW.jpg
-118.17457933333334 34.192722249999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	0-3 MPH	0 %
End of Day	14:18	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants, primarily perennial pepperweed and poison hemlock
2. Hand tools
3. Nature's Image crew

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

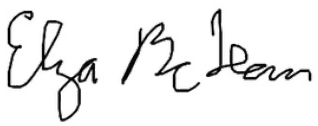
List of species observed while monitoring:
RCPA, AMCR, BLPH, HOFI, YRWA, NOFL, CASJ, CALT, WREN, SPTO, GREG, BEWR, RSHA, NUWO, BUSH, wood rat, side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 checked in with Ed, who showed me to the work area in DG-4A (34.189413°N 118.175907°W). Checked the area for wildlife.
0700 no wildlife in harm's way. Crew started removing nonnative plants, primarily poison hemlock.
0845-0915 crew's morning break
0915 crew moved northwest to a new area in DG-4 and 4A (34.190002°N 118.176290°W), removing primarily poison hemlock.
1045-1145 lunch
1145 continued monitoring nonnative plant removal in DG-4 and 4A.
1315-1345 crew's afternoon break
1345 secondary crew left for the day. Crew of five remaining (including two on irrigation).
1400 crew started cleaning up for the day. Headed back to vehicle.
1415 left site.

Additional Comments
N/A

Signature



20241113_before1_facingS.JPG
-118.176275 34.19000555555555

20241113_before2_facingSW.JPG
-118.17628055555556 34.19000555555555

20241113_near_end_of_day1_facingS.JPG
-118.17628055555556 34.19002222222222

20241113_near_end_of_day2_facingSW.JPG
-118.17627777777778 34.19001944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:44	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, RCPA, MODO, ACWO, CASJ, RCKI, BTPI, NOFL, NUWO, CALT, HOFI, BEWR, CORA, TUVU, RTHA, CATH, ALHU, BUSH, SOSP, GREG
Mammals: California ground squirrel
Reptiles: Western fence lizard, side-blotched lizard
Amphibians: NA
Invertebrates: honeybee, harvester ant, blow fly, hover fly, yellow jacket, sulphurs, gray buckeye

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew arrives on site.
0645 Crew begins vegetation removal on the west side in DG-W-2.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-W-2. Supplemental plantings on east side were watered.
0930 Observed red-tailed hawk flying overhead.
1030 Observed California scrub-jay looking for hidding spot for acorn.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-W-2. WEAP training given to new worker.
1300 Biologist informed hikers of restoration area and that the public trail goes around the restoration area.
1345 Observed Acorn woodpecker chipping away at cavity on a black willow about 20ft from ground. Two additional cavities observed above the initial cavity.
1430 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DGW2_vegetation_removed_facingSW.jpg
-118.17507377777778 34.19281671111111

DGW2_vegetation_removed_facingS1.jpg
-118.17346805555556 34.19318247222222

DGW2_vegetation_removal_facingN.jpg
-118.1734409 34.19313518055555

ACWO_cavity_facingN.jpg
-118.17377894444445 34.19261844444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: November 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	53 °F	0-3 MPH	0 %
End of Day	14:20	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools and hand pulling
3 Ed Lalo (Nature's Image)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

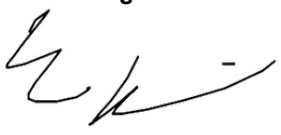
List of species observed while monitoring:
Western yellowjacket, Western Honeybee, Cabbage White, Lady sp., Red Admiral
CALT, AMCR, NOFL, NUWO, LEGO, RCKI, BLPH, Amazona sp., ACWO, CAKI, BEWR, HOFI, ALHU, WCSP, YRWA, CASJ, BUSH, CAQU, CORA, SOSP, GREG, RSHA, WTSW, RTHA, OATI, AMKE, COHA, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- Arrived on site and swept planned work area (DG-4 and DG-4 Drainage).
0705- Crew started work. They are removing pepperweed, mustard, and hemlock.
0845- Crew stopped for break.
0920- Crew resumed work after break.
1050- Crew stopped for lunch.
1135- Crew resumed work after taking lunch.
1315- Crew stopped for break. Perris crew left for the day.
1350- Crew resumed work after break.
1407- Crew is cleaning up for the day. They will continue to work in DG-4 and DG-Drainge tomorrow (34.1901089, -118.1761739).
1420- Crew finished for the day.

Additional Comments
N/A

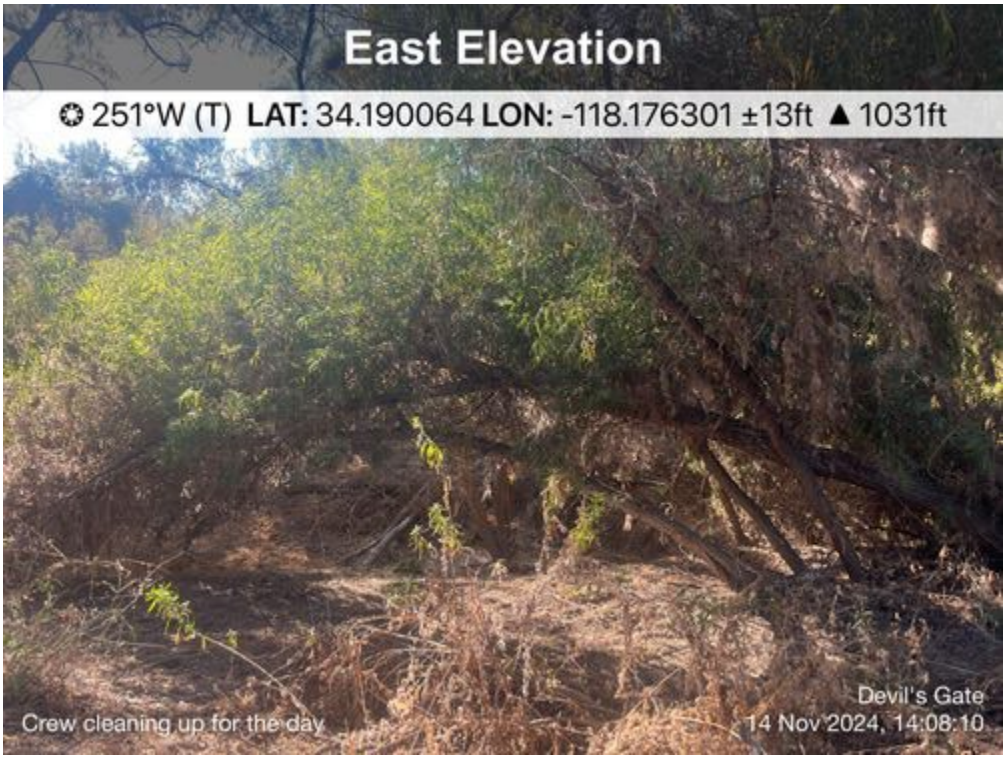
Signature



DG-4_DG-4_Drainage_prior_to_work_starting.JPG
-118.17623333333334 34.18996388888888

Crew_starting_work.JPG
-118.17639722222222 34.18991111111111

Crew_working.JPG
-118.17640277777778 34.19008333333333



Crew_cleaning_up_for_the_day.JPG
-118.17630277777778 34.190063888888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: November 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	15:00	68 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

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: California Towhee, American Crow, Northern Flicker, Acorn Woodpecker, Cassin's Kingbird, California Scrub Jay, White-crowned Sparrow, Nuttall's Woodpecker, Ruby-crowned Kinglet, Mourning Dove, Bushtit, Spotted Towhee, Lesser Goldfinch, Bewick's Wren, Oak Titmouse, Yellow-rumped Warbler, Black Phoebe, Anna's Hummingbird, Red-crowned Parrot, Killdeer, Wrentit, White-breasted Nuthatch, House Finch, Common Raven, Turkey Vulture, Allen's Hummingbird, Blue-gray Gnatcatcher, California Quail, European Starling, Western Bluebird, Cooper's Hawk
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel
Herps: Side-blotched Lizard, Western Fence Lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700 - After checking in with the crew, started walking the loop from the West side to the East side and back to search for interesting migrants and any problem areas
0800 - Discovered the remains of a domestic dog in the retention basin just South of the gate on the E side; appears to have beed predated on by Coyotes; remains thoroughly scavanged
0930 - Crew broke for break
1145 - Crew broke for lunch
All day - Crew weeded invasive and exotic sprouts throughout DG-W-2 and DG-4 on the West side of the site.

Additional Comments

Signature

Remains_of_domestic_dog.jpg
-118.16751486000001 34.19811116666666

Crew_weeding_DG-4.jpg
-118.17359913888889 34.19223780555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: November 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	1 %
End of Day	14:00	58 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (2 hoes, 1 rake)
3. Nature's Image: Crew of eight. Lalo supervisor

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

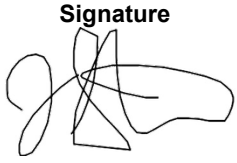
List of species observed while monitoring:
desert cottontail, western honey bee, RSHA, LEGO, CASJ, CALT, BEWR, AMCR, RCPA, WCSP, ANHU, BUSH, WEBL, MODO, YRWA, SOSP, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0640 Pre-clearance sweep of work area in DG4 along road at south end of Nature's Image trailers (34.1918375, -118.1755865)
0650 Crew began work
0740 Rain started. Crew stopped work to wait for end of rain
0755 Rain ended. Crew returned to work.
0850-0920 Crew on break #1
0920 Crew working
1000 crew moved to work in DG4B along road east of Natures Image trailers
1050-1140 Crew on lunch
1140 Crew returned to work. Shown to location of a dead owl at the island by crew member. Owl has been dead several days; cause unknown. Marked the carcass location on field maps
1300 Crew on break #2. Lalo and Perris-based crew members departed
1340 Crew returned from break to begin cleanup

Additional Comments
N/A

Signature



Vegetation_clearing_before_facingNE_20241115.jpg

crew_working_along_road_adjacent_to_trailers.jpg

oozing_cottonwood_in_DG4_updated_on_fieldmaps.jpg

Vegetation_clearing_after_facing_NE_20241115.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	60 %
End of Day	13:50	59 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: DEJU, WCSP, CASJ, AMCR, RCPA, CALT, RTHA, MODO, WEBU, RCKI, HOFI, CAKI, NOFL, ACWO, Parakeet sp., YRWA, BGGN, CORA, TUVU, GREG, BLPH, BEWR
Mammals: California ground squirrel
Reptiles: Western fence lizard, three-toed box turtle
Amphibians: NA
Invertebrates: honeybee, blow fly, yellowjacket

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew begins vegetation removal on the west side in DG-4. A few crew members go to east side with Juan for a site check.
0730 Crew in DG-W-2.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-4.
1015 Observed three-toed box turtle basking in DG-W-2
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-4
1345 Crew wraps up work for the day.

Additional Comments
N/A

Signature

DG4_vegetation_removed_facingE.jpg
-118.17482033333334 34.19260272222222

DG4_vegetation_removed_facingW.jpg
-118.1748159 34.19259377777777

Three_toed_box_turtle_basking_facingW.jpg
-118.1742404888889 34.19250858333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: November 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	52 °F	0-3 MPH	0 %
End of Day	14:10	62 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative removal within DG-4 near NASA. Target species include but are not limited to: *Brassica nigra*, *Lepidium latifolium*, *Marrubium vulgare* and *Conium maculatum*. Irrigation work performed by one worker.
2. Hand tools (hula hoes, takes and shovels).
3. Natures Image crew of four including Lalo (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:
CASJ, RCPA, BGGN, CALT, CORA, ANHU, BUSH, SOSP, COYE, YRWA, ACWO, RTHA, NOMO

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625-0640: Spoke with Lalo (Nature's Image; foreman) regarding work plan. He stated they'd be working around DG-4B. It was determined DG-4B didn't have enough nonnative cover to work in. Lalo (Nature's Image; employee) showed me a portion of DG-4 near NASA they'd like to work in. Conducted a nesting bird survey while the crew removed a small patch of perennial pepperweed in DG-4B.
0720: Three-person crew begins removing nonnatives with DG-4.
0720-0850: Crew continues nonnative removal within DG-4.
0900-0915: Crew takes first break.
1050: Lalo informs me the crew will be walking back to their cars for lunch.
1100-1135: Lunch
1140-1240: Crew continues to remove nonnatives within DG-4.
1330-1345: Crew takes second break of the day.
1304: Crew carrying tarps by hand to dumpsters.

Additional Comments
Crew was filming within the reservoir near Gothic staging area all morning. Carley Adams (ECORP; Project Manager) was informed and stated she'd inform LACPW of the observation. LACPW stated the crew didn't have a permit to film in the reservoir and the dam operator would inform them.

Signature

Crew_removing_nonnatives_within_DG-4.jpg

Tarp_of_removed_vegetation.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	14:40	62 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, CORA, NOFL, CASJ, SPTO, RCPA, YRWA, SOSP, ACWO, WCSP, CALT, HOFI, RCKI, BEWR, LEGO, WREN, BUSH, BLPH, OATI, RSHA, RTHA
Mammals: desert cottontail, California ground squirrel, fox squirrel
Reptiles: Western fence lizard
Amphibians: NA
Invertebrates: honeybee, Argentine ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to south end of site to begin work in DG-2 working their way north.
0655 Crew begins vegetation removal in DG-2.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-2.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-2.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingE3.jpg
-118.17263494444445 34.19038961944444

DG2_vegetation_removed_facingS1.jpg
-118.17242194444445 34.19045698055555

DG2_additional_vegetation_removed_facing.jpg
-118.17266806944446 34.188225777777774

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: November 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	42 °F	0-3 MPH	0 %
End of Day	15:00	66 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: YRWA, NOFL, CALT, CASJ, WCSP, OATI, ACWO, RCKI, BUSH, SPTO, AMCR, RCAM, BGGN, KILL, BLPH, SOSP, ANHU, RSHA, LEGO, BEWR, COHA, ECDO, NUWO, AMPI, HOFI, MODO, TOWA, HUVI, DEJU, HETH, OCWA, CAKI, CAQU, ALHU, RTHA, LISP, WREN, NOMO, AMKE, HOSP
Amphibians: N/A
Reptiles: western fence lizard
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals on the east half of the site, starting at the south end of DG-3 & 2.
0900: Crew takes a break.
0915: Crew resumes work in same areas on east side, progressively moving northward into DG-2 and WOUS trails.
12:00: Gothic crew takes lunch break.
1230: Crew resumes weed removal in same work areas. Additional crew rakes leaves along main east perimeter trail.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Oak_sapling_DG-3_facingW.jpg
-118.17287069444446 34.18747880555555

WorkArea_DG-3_facingW.jpg
-118.17252572222223 34.188256680555554

Willow&Cottonwood_cuttings_JohnsonField_facingS.jpg
-118.17078332777778 34.19164408333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: November 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	1 %
End of Day	14:10	70 °F	0-3 MPH	1 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (2 hoes, 1 rake)
3. Nature's Image: Crew of five. Lalo supervisor

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

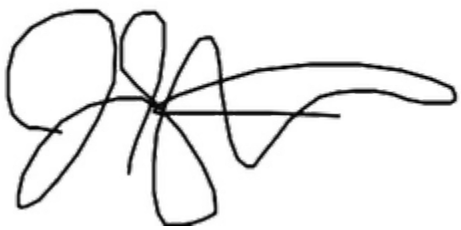
List of species observed while monitoring:
western fence lizard, desert cottontail, California ground squirrel, coyote, western honey bee, yellowjacket wasp, SPTO, CALT, GHOW, BUSH, BEWR, CASJ, BGGN, WCSP, HOFI, AMCR, YRWA, CAKI, RSHA, CORA, TUVU, NUWO, CATH, SOSP, RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Directed to work area: north end of DG-4 (34.1941357, -118.1723179)
0635-0650 Pre-clearance sweep of work area. Woodrat middens and active beehive.
0710 Crew arrived to work area
0845-0915 Crew on break #1
0915-1045 Crew working
1045-1140 Crew on lunch break
1140-1325 Crew working
1325-1345 Crew on break #2
1345-1410 Crew working
1410 Crew cleaning up

Additional Comments
N/A

Signature



Vegetation_clearing_before_facing_NW_20241119.jpg

Vegetation_clearing_after_facing_NW_20241119.jpg

Vegetation_clearing_before_facing_SW_20241119.jpg

Vegetation_clearing_after_facing_SW_20241119.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: November 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:35	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal and disposal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

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: Red-masked Parakeet, KILL, WTSW, ACWO, HOFI, SAPH, AMCR, MODO, CALT, WCSP, SOSP, RTHA, NUWO, WREN, CASJ, BEWR, AMKE, LEGO, CAQU, CORA, NOFL, BGGN, YRWA, BLPH, BUSH
Herps: Great Basin fence lizard
Mammals: Desert cottontail, California ground squirrel, Coyote,

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF biologist and Gothic crew arrived on the east side of the Arroyo Seco at the Johnson Field staging area.
0640: Crew removing non-native invasive plant species along the south end of the restoration area, near the dam, on the "Side Slopes".
0900: Crew on AM break.
0915: Crew back to work removing weeds along the south side of the restoration area on the "Side Slopes".
1200: Crew on lunch break.
1230: Crew back to work removing non-native invasive plant species on "Side Slope" at South end of restoration area, near the dam.
1430: Crew demobilizing and disposing of collected weed material.
1435: Gothic and ICF leaving the site.

Additional Comments
N/A

Signature

Crew_weeding_on_SideSlope_FacingSE.jpg
-118.17405210000001 34.187186813888886

Crew_removing_weeds_SideSlopes_FacingSW.jpg
-118.17362611111112 34.186107461111106

Crew_weeding_on_SideSlope_FacingS.jpg
-118.17389416666667 34.18633530277778

Crew_removing_weeds_SideSlopes_FacingSE.jpg
-118.17355465 34.187106155555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: November 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	14:08	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Nature's Image (5)

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, CASJ, SOSP, CAKI, AMCR, BEWR, YRWA, WCSP, ACWO, BUSH, EUCD, EUST, CAQU, CALT, MODO, parrot sp., NOMO, BEWR, HOFI, BGGN, ANHU, COHA, AMKE, TUVU, BLPH, desert cottontail, California ground squirrel, Common side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620: arrived on site
0635: walked over to work area with Ed. Crew is working in the northernmost part of the project in DG-4 along main trail used by pedestrians. Primarily Maltese star thistle and mustard in sage brush. Noticed broken fence post at 34.194776, -118.172566.
0900-0920: Break. A full dumpster replaced with two empty ones in staging area.
1013: front loader dumping uncovered veg debris from horse corral across trail from restoration area.
1100-1140: lunch
1330-1345: break.
1405: cleanup for end of day

Additional Comments
N/A

Signature

Broken_fence.jpg

Work_are_within_DG-4.jpg

Mid_morning_work_area_DG-4.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: November 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	14:10	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (2 hoes, 1 rake)
3. Nature's Image: Crew of 5. Lalo supervisor

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

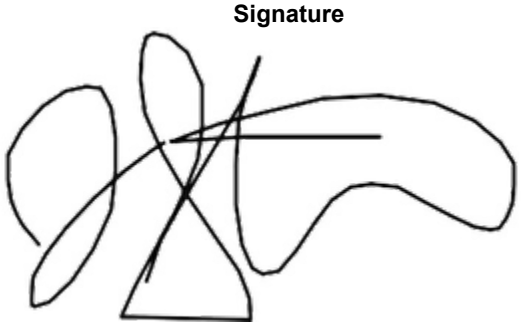
List of species observed while monitoring:
desert cottontail, western fence lizard, western honey bee, yellow jacket wasp, California ground squirrel, California bordered plant bug, OATI, CAKI, YRWA, RCPA, AMCR, CASJ, CAQU, CALT, WCSP, BUSH, ACWO, HOFI, EUST, DEJU, ANHU, SPTO, RSHA, DOWO, BGGN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635-0650 Pre-clearance sweep of work area
0700 Crew entered work area and began clearing vegetation
0840-1010 Received call from Rachel Burnap of Los Angeles County Department of Agricultural (LACDA). Left to meet her at parking lot. Led Rachel and her associate to ISHB-infected willows. Also showed her the weeping cottonwood. Notes taken and are included in Additional Comments section. Photos taken and included.
1015 Returned to Nature's Image crew in northern end of mitigation area
1050-1140 Crew on lunch break
1140-1315 Crew clearing vegetation
1315-1345 Crew on break
1330 Lalo departed
1345-1400 Crew cleaning up work area
1400 Crew left work area to return tarps and finish clean up

Additional Comments

Signature



Vegetation_clearing_before_facingS_20241121.jpg

Vegetation_clearing_after_facingS_20241121.jpg

ISHB_sampling_by_ LACDA _willows_DG4A.jpg

ISHB_sampling_by_ LACDA _boxelder_DG4.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	0 %
End of Day	14:49	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, CALT, RTHA, CORA, RCPA, RCKI, RSHA, WCSP, CASJ, ACWO, SAPH, NOFL, MODO, BLPH, HOFI, BEWR, KILL, WTSW, GREG, BGGN, SOSP, CAQU, BTPI
Mammals: California ground squirrel
Reptiles: Western fence lizard, gartersnake
Amphibians: NA
Invertebrates: honeybee, Argentine ant, marine blue, cabbage white, sulphurs, yellowjacket, cochineal scale bug, blow fly

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to south end of site to begin work in DG-3A working their way north.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-3A.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-3A.
1330 Biologist shows crew non-native tamarisk.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG3A_vegetation_removed_facingS.jpg
-118.17269548888889 34.18796286111111

DG3A_Ericameria_pinifolia_facingNW.jpg
-118.17319480555555 34.18654966944444

SideSlopes_removed_vegetation_facingN.jpg
-118.17382883333333 34.186136311111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: November 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	30 %
End of Day	14:00	70 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP, WCSP, BEWR, CALT, YRWA, CASJ, HOFI, AMCR, CORA, ANHU, OATI, ACWO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, AGOL, BGGN, NUWO, DEJU, CAQU, TUVU, BEWR, SPTO, LEGO, NOFL, COHA, EUST, OCWA, WBNU, BTPI, RCPA, AMKE, KILL, RSHA, GREG
Reptiles: western fence lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-2 and DG-8 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-2 and DG-8.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-2 and DG-8.
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-8_facingSW.jpg

Invasive_removal_DG-2_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: November 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	51 °F	0-3 MPH	0 %
End of Day	13:15	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Shovels, rakes
3. Four man crew (Nature's Image) Lalo foreman

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

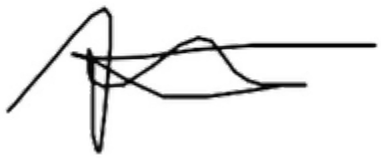
List of species observed while monitoring:
AMCR, CALT, WCSP, CASJ, CAQU, RCPA, HOFI, YRWA, BLPH, ANHU, SAPH, NRWS, RCSP

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived onsite.
0630 Lalo (Nature's Image foreman) shows me work area for the day. Approximately 34.195212 N, 118.172023 W
0655 Two-man crew starts pulling non natives. Mainly mustard. Two people doing irrigation tasks.
0840 Crew breaks.
0911 Crew returns.
0945 Take Lalo to tree marked by county for estimate photos.
1024 Return back to work area. Lalo takes tools to irrigation task.
1050 Break for lunch.
1135 Crew returns.
1300 Crew breaks. Lalo leaves for the day says crew is finished with nonnative removal and irrigation tasks for the day.
1315 left site.

Additional Comments
N/A

Signature



StartOfDay_facingNW.jpg

MidDay_facingNW.jpg

EndOfDay_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: November 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:47	49 °F	0-3 MPH	100 %
End of Day	14:14	65 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Lalo (Nature's Image Foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

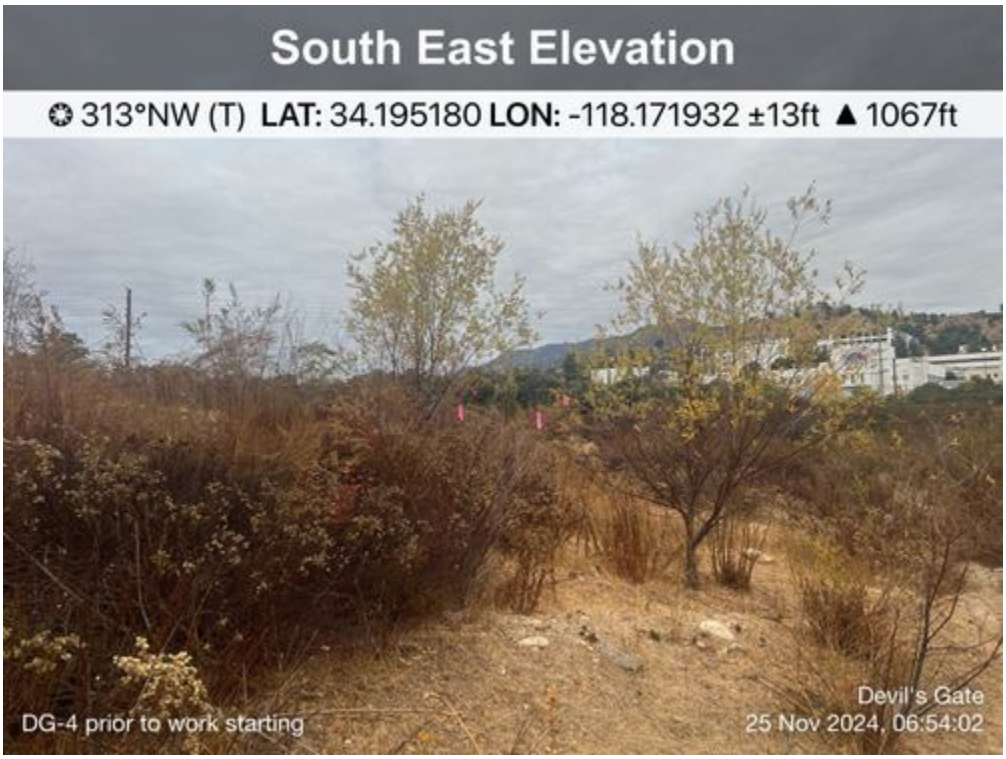
List of species observed while monitoring:
Western honeybee, CALT, AMRO, SPTO, AMCR, RCKI, OATI, SAPH, Amazona sp., CATH, RSHA, WCSP, YRWA, SOSP, CASJ, BUSH, BEWR, CANG, EUST, ALHU, CAQU, AMKE, HOFI, WTSW, CAKI, NUWO, ACWO, BGGN, CORA, NOFL, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625- Arrived on site. Went and swept planned work area in DG-4 (34.194916°N 118.171773°W)
0700- Crew started work. They are removing mustard, bromus, and tocolote.
0900- Crew stopped for break.
0920- Crew resumed work after taking break.
1055- Crew stopped for lunch.
1130- Crew resumed work after lunch.
1300- Crew stopped for break. Lalo from Perris crew left for the day.
1340- Crew resumed work after break.
1400- Crew is starting to clean up for the day. They plan on starting here tomorrow and will move south working towards the dirt pile along the slope. 34°11'39.9"N 118°10'18.6"W
1415- Crew finished for the day.

Additional Comments
N/A

Signature



DG-4_prior_to_work_starting.JPG
-118.17193055555556 34.19518055555555

Crew_starting_work_in_DG-4.JPG
-118.17205277777778 34.19512222222222

Crew_working.JPG
-118.17160555555556 34.195186111111106

Crew_cleaning_up_for_the_day.JPG
-118.17203611111111 34.19515833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: November 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:41	65 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1). Restoration activities limited to the removal and disposal of non-native invasive plant species. Gothic crew working on the east side of the Arroyo Seco in and around Johnson Field (DG-W-1).
2). Restoration equipment is limited to hand tools, particularly hoes.
3). Gothic crew comprised of 10 men plus foreman Juan.

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: CATH, CALT, YRWA, AMCR, CASJ, BUSH, WCSP, SOSP, ACWO, MODO, NUWO, Red-masked parakeet, ANHU, CAQU, RCKI, RSHA, CORA, SPTO, BGGN, HOFI, LEGO, SAPH, CAKI, NOFL, RTHA
Herps: Great Basin fence lizard
Mammals: California ground squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: ICF biologist and Gothic crew arrived at Johnson Field staging area located on the east side of the Arroyo Seco.
0645: Gothic crew removing non-native invasive plant species in and around Johnson Field (DG-W-1)
0900: Crew on AM break.
0915: Crew back to work removing non-native invasive plant species in and around Johnson Field (DG-W-1).
1200: Crew on lunch break.
1230: Crew back to work weeding in and around Johnson Field.
1430: Crew demobilizing and disposing of collected material.
1440: ICF and Gothic leaving site for the day.

Additional Comments
N/A

Signature

Gothic_Crew_mobilizing_FacingSE.jpg
-118.17142558333333 34.19225788888888

Crew_removing_weeds_DG-W-1_facingSW.jpg
-118.17106141666667 34.19147402777777

Crew_removing_invasive_plants_FacingSE.jpg
-118.17106253333334 34.19147594444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: November 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:15	60 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (1 shovel, 1 hoe, 2 rakes)
3. Nature's Image: Crew of 5. Lalo supervisor

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

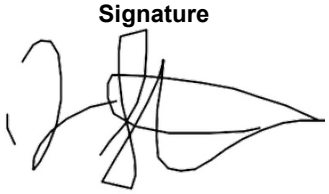
List of species observed while monitoring:
desert cottontail, western honey bee, California ground squirrel, plume moth sp., CALT, AMKE, AMCR, CASJ, CATH, RCPA, CORA, WCSP, RCKI, LEGO, ACWO, CAQU, CAKI, BGGN

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0625 Arrived on site
0635-0650 Preclearance sweep of work area [DG4 (34.1933764, -118.1725703) with crew working northward from this area]
0650 Notified Lalo that work area has been cleared
0700 Crew entered work area to begin vegetation clearing.
0845-0915 Crew on break #1
0915 Crew returned to work. Continued working northward.
1045-1145 Crew on lunch break
1145 Crew returned to vegetation clearing
1225 Eduardo pointed out 30-40 cut branches of mulefat, CA rose, black willow, and red willow along approximately 150 feet of pathway (approximately 34.1931917, -118.1725961 pathway heading eastward toward slope of basin). Cut branches range from 1-3 cm in thickness. Eduardo felt the cutting of branches was excessive as pathway was already navigable. Contacted PM (Carley Adams) and sent photos.
1315-1345 Crew on break #2
1345-1415 Crew returned to work area. Final vegetation clearing.
1415 Crew completed area clean up and departed work area to dispose tarps

Additional Comments
N/A

Signature



Vegetation_clearing_before_facingS_20241126.jpg

Vegetation_clearing_after_facing_S_20241126.jpg

Vegetation_clearing_before_facingE_20241126.jpg

Vegetation_clearing_after_facingE_20241126.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: November 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:48	63 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal
2. Tarps, buckets, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, CORA, CALT, ACWO, YRWA, ALHU, BEWR, RCPA, CASJ, BGGN, COHA, SOSP, HOFI, WCSP, NOFL, BUSH, MODO, WTSW, BLPH, BTPI, RTHA, CAQU, SPTO, RCKI, CAKI, WREN, AMKE
Mammals: California ground squirrel
Reptiles: Western fence lizard
Amphibians: NA
Invertebrates: honeybee, Argentine ant, marine blue, yellow jacket, cochineal scale bug, blow fly, harvester ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to south end of site to begin work in Johnson Field.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field.
0940 A few crew members watering supplemental plants as well as tending to any smaller plants with chicken wire.
1000 Biologist observed water leaking from fire hydrant spout and informed crew lead. Crew lead tightened valve and stopped the leak. Crew lead also informed about some chicken wire in DG-2 that can be removed.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

JohnsonField_tending_caged_plants_facingN.jpg
-118.1708526888889 34.191384888888884

JohnsonField_small_caged_willows_facingW.jpg
-118.17104096111112 34.19119856944444

JohnsonField_vegetation_removed_facingS.jpg
-118.17183886944444 34.191142944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: November 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	55 °F	0-3 MPH	100 %
End of Day	14:05	67 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: BEWR, YRWA, CALT, WCSP, RCKI, AMCR, OATI, ACWO, SOSP, BLPH, ANHU, NUWO, HOFI, WREN, SPTO, CEWA, RCKI, AMKE, CASJ, BUSH, BGGN, LEGO, HUVI, CORA, COHA, MODO, EUST, HETH, DEJU, TOWA, KILL, NOFL, LISP, RSHA, CAKI, TUVU, RTHA, CAQU
Amphibians: N/A
Reptiles: N/A
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will consist of weed removals on the east half of the site, working within Johnson Field. The crew started from the eastern side and worked slowly to the west side of Johnson Field.
0900: Crew takes a break.
0915: Crew resumes work in same area by Johnson Field.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas.
1400: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

WorkArea_JohnsonField_facingS.jpg
-118.17110161944444 34.191310180555554

Post-weeding_JohnsonField_facingNW.jpg
-118.17129091111111 34.19114383333333

Oak_planting_JohnsonField_facingS.jpg
-118.17101947222223 34.19128736111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: November 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	0-3 MPH	100 %
End of Day	13:51	67 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants
2. Hand tools
3. Nature's 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:
YRWA, WCSP, CORA, HOFI, AMCR, RCPA, CALT, BLPH, ACWO, CATH, AGOL, NOMO, CASJ, DEJU, SPTO, WREN, Coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 Ed showed me to the work area in the northeast portion of DG-4 (34.194463°N 118.171922°W). Crew will work southwest throughout the day. Conducted pre-activity sweep.
0700 crew arrived at the work area, started removing nonnative plants, including perennial pepperweed, black mustard, and poison hemlock.
0845-0915 crew's morning break 1
045-1145 lunch
1330 crew started cleaning up for the day. Finishing early for the Thanksgiving holiday. Headed back to vehicle.
1350 left site. Plan for next week: continue working in DG-4, 4A, and 7, heading southwest.

Additional Comments
N/A

Signature

20241127_workareabefore_facingS.JPG
-118.17200555555556 34.193691666666666

20241127_workareaafter_facingS.JPG
-118.17202222222222 34.19370277777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: December 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	46 °F	0-3 MPH	0 %
End of Day	15:00	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: BEWR, AMCR, CALT, WCSP, YRWA, HOFI, ACWO, SOSP, SPTO, BUSH, BLPH, BGGN, ANHU, LISP, WTSW, OCWA, DEJU, HETH, TOWA, LEGO, NUWO, EUST, OATI, RSHA, HUVI, COHA, WEBL, SAPH, WREN, AGOL, TUVU, CASJ, RTHA, AMPI, KILL
Amphibians: N/A
Reptiles: N/A
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site. Work today will first consist of the crew removing unused chicken wire from restoration plantings as well as other miscellaneous debris like wooden stakes. Then the crew will resume with weed removals to the north by DG-1 this week.
0900: Crew takes a break.
0915: Crew resumes work removing trash and debris further to the south by DG-3. Crew will complete a full sweep of the site before starting weed removals.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in same work areas.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Chicken_wire_to_be_removed_JohnsonField_facingE.jpg
-118.17190046666667 34.191580555555554

Trash_removal_DG-2sideslopes_facingSW.jpg
-118.1722066388889 34.19116109444444

Trash_removal_DG-2_facingN.jpg
-118.17312826111112 34.18827891666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: December 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	39 °F	0-3 MPH	0 %
End of Day	14:00	75 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration monitoring.
2. Hand tools, 3.
3. 3, Nature's Image, Lalo Maldonado.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

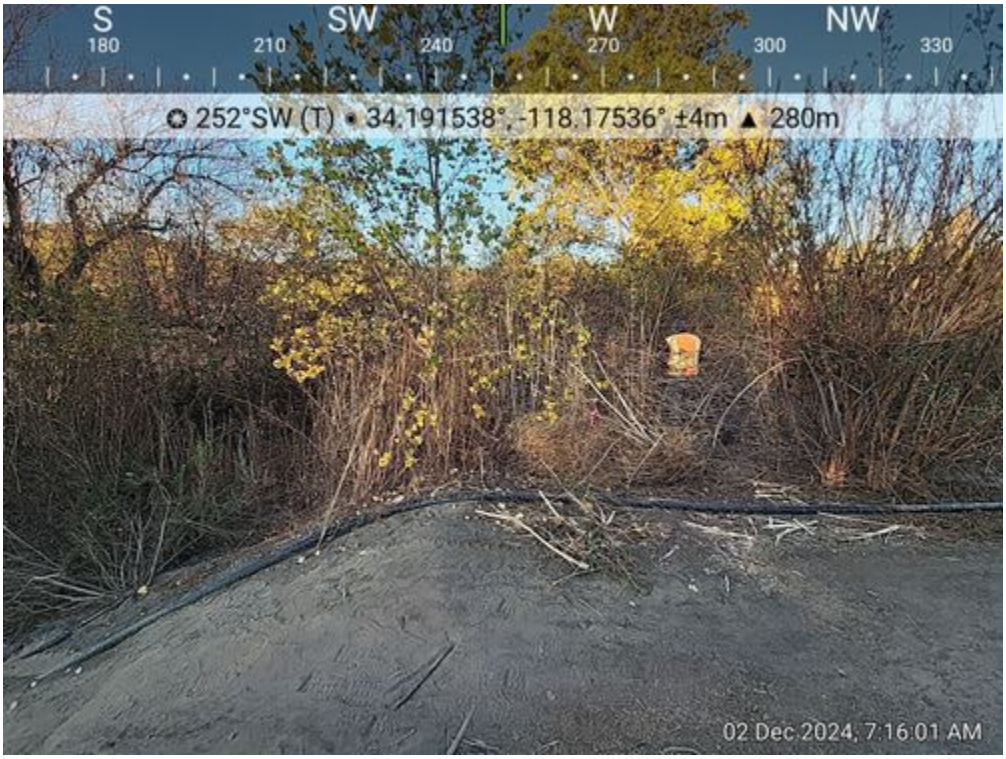
List of species observed while monitoring:
CALT, CORA, Amazonia sp., AMCR, SOSP, COHA, CASJ, ANHU, RSHA, ACWO, and BEWR.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 Arrived onsite.
0635 Ed took me to the first area where they'll be working today.
0645 Started clearing the first area.
0700 Finished clearing the first area and the crew began work shortly after. Focus: *Centaurea melitensis*, *Brassica nigra*, and *Conium maculatum*.
0855 Crew broke for first break.
0915 Crew returned from first break.
1040 Began clearing second work area Ed showed me.
1050 I finished clearing the area and the crew took their lunch.
1135 Crew returned from lunch, and began work in the second area.
1325 Crew broke for second break.
1345 Crew returned from their second break and began wrapping things up for the day.
1400 Crew finished wrapping up and left for the day.

Additional Comments

Signature



first_area_before_facingWSW.jpg
-118.17535972222223 34.191537777777775

first_area_after_facing_WSW.jpg
-118.17533777777778 34.191673888888886

second_area_during_facingS.jpg
-118.17603694444445 34.190793888888884

second_area_after_facingS.jpg
-118.17609 34.19076583333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: December 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	51 °F	0-3 MPH	0 %
End of Day	14:10	68 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Lalo (Nature's Image 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:
CALT, RCKI, YRWA, OATI, Amazona sp., CASJ, CORA, AMCR, CAKI, SPTO, ACWO, BEWR, SOSP, NOFL, CAQU, LEGO, CAQU, WTSW, NUWO, HOFI, RSHA, AMKE, ALHU

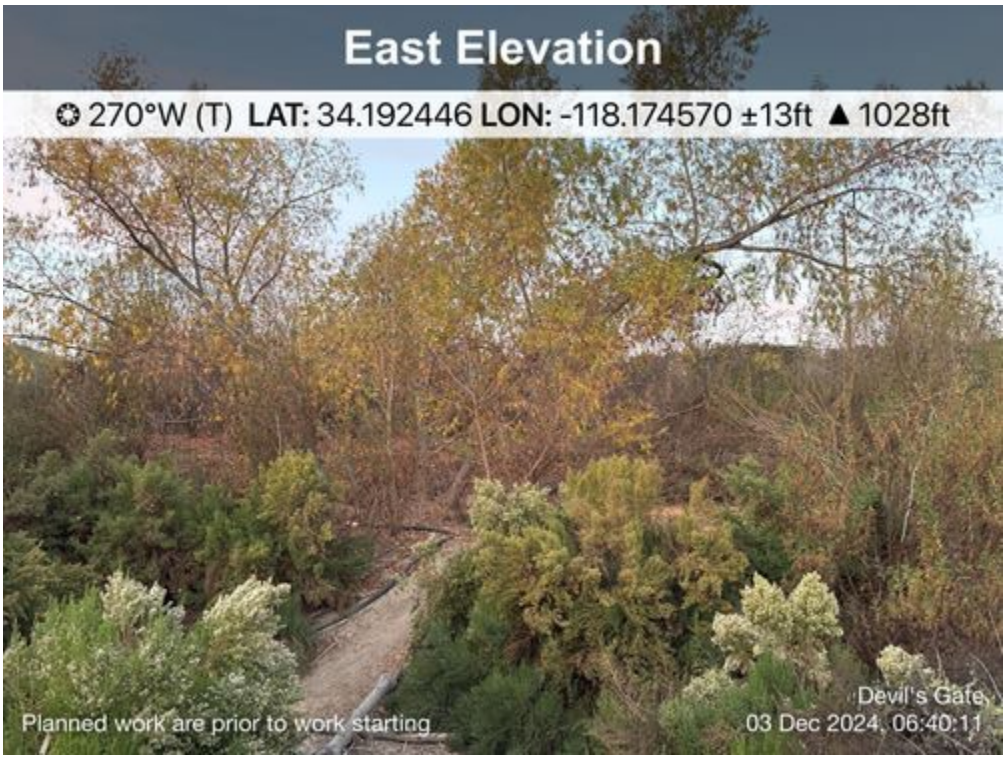
Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

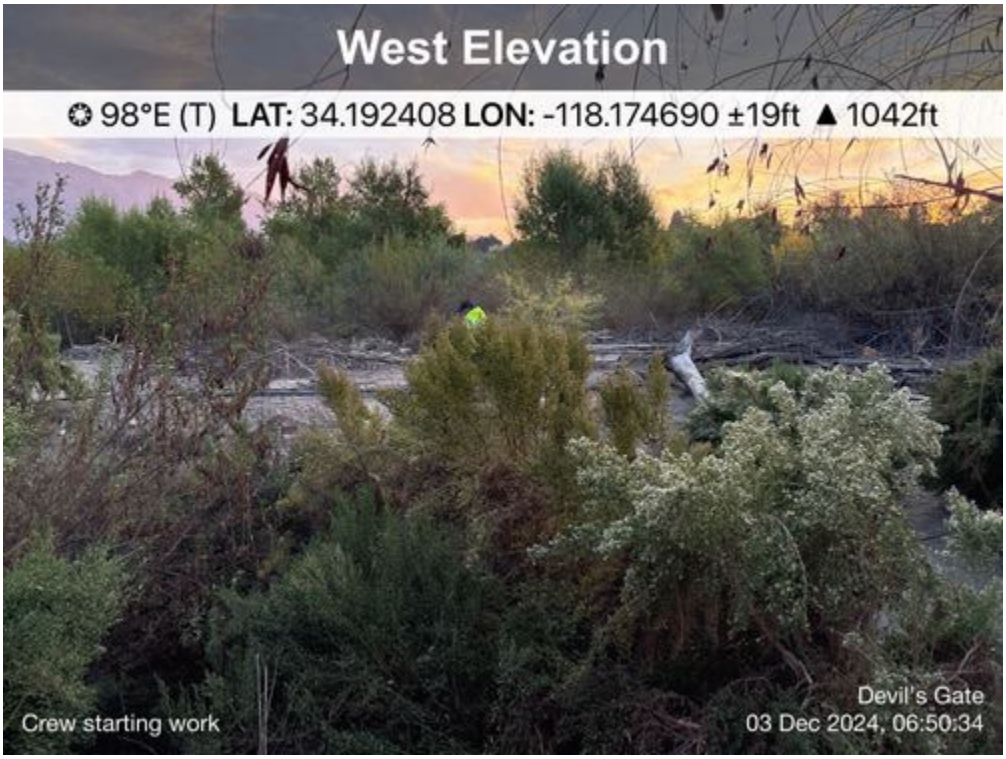
Log Entry
0620- Arrived on site and swept planned work area in DG-W-2 mining pit outlet.
0645- Crew started work. They are cleaning debris out of the channels and are pulling out hemlock.
0717- Crew is moving to new work area in DG-4 and DG-4 drainage. Went and swept the new planned work area. They are removing hemlock and mustard.
0845- Crew stopped for break.
0915- Crew resumed work after break.
1045- Crew stopped for lunch.
1130- Crew resumed work after lunch.
1315- Crew stopped for break.
1330- Crew resumed work after break.
1404- Crew started to clean up for the day.
1410- Crew finished for the day.

Additional Comments
N/A

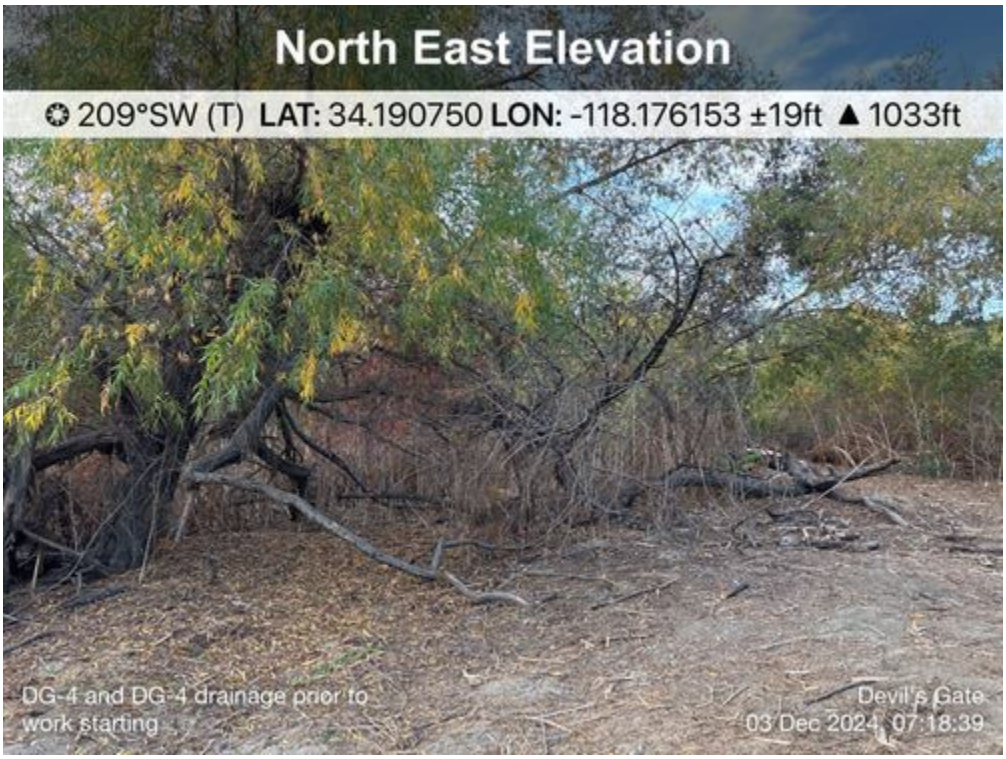
Signature



Planned_work_area_prior_to_work_starting.JPG
-118.17456944444444 34.19244722222222



Crew_starting_work.JPG
-118.1746888888889 34.19240833333333



DG-4_and_DG-4_drainage_prior_to_work_starting.JPG
-118.17615277777779 34.190749999999994

Area_after_cleaning_up.JPG
-118.17626111111112 34.19072222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: December 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	20 %
End of Day	14:43	68 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive plant species.
2). Restoration equipment limited to hand tools, particularly hoes.
3). Gothic crew comprised of 10 men plus foreman Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

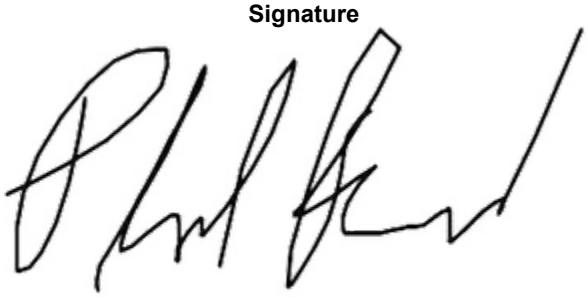
List of species observed while monitoring:
Birds: Red-masked parakeet, WCSP, SOSP, ACWO, HOFI, CASJ, LEGO, BUSH, RTHA, CAQU, CALT, BLPH, AMCR, CORA, BGGN, NUWO, BEWR, ANHU, MODO, CAKI, EUST
Herps: Great Basin fence lizard
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- ICF biologist and Gothic crew arrived at Johnson Field staging area located on the east side of the Arroyo Seco.
0640- Crew removing non-native invasive plant species in and around Johnson Field (DG-W-1).
0900- Crew on AM break.
0915- Crew back to work removing weeds in and around Johnson Field.
1200- Crew on lunch break.
1230- Crew back to work.
1430- Crew demobilizing and disposing of collected material.
1440- ICF and Gothic leaving for the day.

Additional Comments
N/A

Signature



Gothic_AM_tailgate_meeting_FacingSE.jpg
-118.17142886111111 34.19222623611111

Nonnative_removal.jpg
-118.17142295833334 34.19134119444444

JohnsonField_weed_removal_FacingS.jpg
-118.17139098888889 34.19127009444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: December 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:30	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
Nature's image crew (Ed and Charlie) using hand tools to remove non-native vegetation (primarily poison hemlock) from DG-4 using hand tools. Removed vegetation removed from site and place in dumpster. Crew (Linda, Tatiana) working on irrigation.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

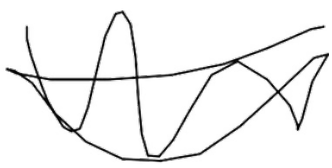
List of species observed while monitoring:
CALT, RCKI, BLPH, GREG, HOFI, LEGO, YRWA, BEWR, SPTO, CASJ, ACWO, BEWR, CAQU, TUVU, RTHA, AMCR, BUSH, Amazona sp., Western fence lizard, Cottontail, Woodrat, California ground squirrel, raccoon (tracks), coyote (tracks, scat, vocalizations)

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

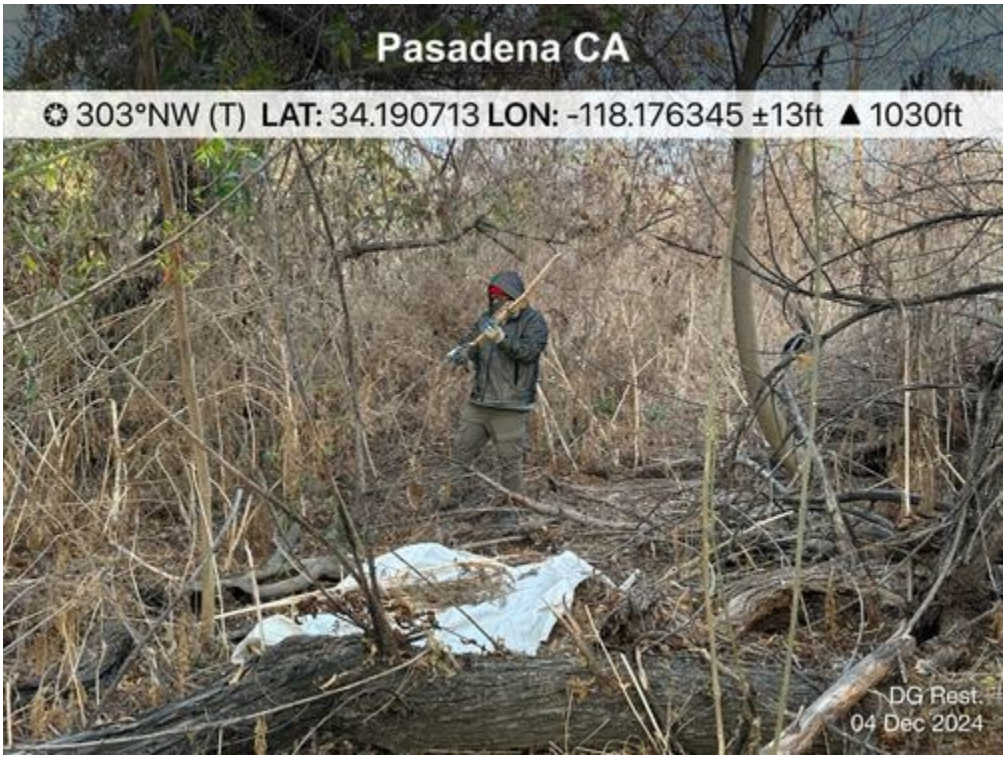
Log Entry
0630 arrived on site. Met with Ed - he showed me the work area - conducted pre-works sweep
0715 crew (2) began removing non-native vegetation
0850 crew take break
0910 crew resumes
1020 observed deceased Woodrat (headless) that wasn't there prior to break - presumably dropped during predation event
1050 crew break for lunch
1135 crew resume removing non-native vegetation
1310 crew break
1330 crew resume removing non-native vegetation
1415 crew remove bags of removed vegetation from the site and dispose in the dumpster
1430 end of monitoring

Additional Comments
N/A

Signature



Removing_fennel_in_DG-4A_120424.JPG
-118.17624166666667 34.19065833333333



Pulling_fennel_in_DG-4A_120424.JPG
-118.17634444444445 34.19071388888889

Removing_vegetation_from_site_120424.JPG
-118.17582222222222 34.19099722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: December 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:14	43 °F	0-3 MPH	90 %
End of Day	14:40	69 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to the removal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised of 10 men plus foreman Juan.

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

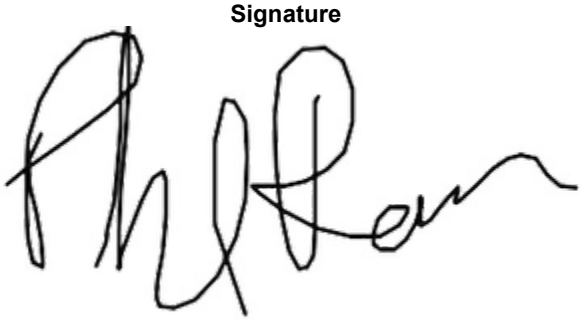
List of species observed while monitoring:
Birds: Red-masked parakeet, CALT, MODO, BEWR, CORA, HOFI, EUST, CASJ, BLPH, ACWO, PHAI, NUWO, WCSP, YRWA, CAQU, NOFL, TUVU, LEGO, WREN, RTHA, SAPH
Herps: Great Basin fence lizard
Mammals: California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630- ICF biologist and Gothic crew arrived at Johnson Field staging area located on the east side of the Arroyo Seco.
0640- Crew removing non-native invasive plant species on slope adjacent to the Arroyo Seco (DG-8 and DG-2).
0900- Crew on AM break.
0915- Crew back to work weeding at the same location.
1200- Crew on lunch break.
1230- Crew back to work weeding on the east bank of the Arroyo Seco (DG-1 and DG-8).
1430- Crew demobilizing and disposing of collected material.
1440- ICF and Gothic leaving the site for the day.

Additional Comments
N/Av

Signature



Crew_weeding_DG-8_facingE.jpg
-118.17226401944446 34.19322097222222

Crew_weeding_DG-8_FacingS.jpg
-118.17104878333333 34.19347466666666

Crew_weeding_DG-1_FacingNE.jpg
-118.17067085555556 34.194269094444444

Crew_weeding_DG-1_FacingS.jpg
-118.17007810277778 34.19442748611111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: December 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	15:00	73 °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.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR NUWO LEGO CAQU TUVU BEWR SPTO LEGO NOFL COHA EUST OCWA WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG SAPH

Reptiles: N/A Mammals: California ground squirrel, Desert cottontail

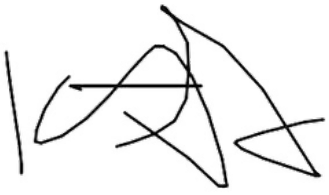
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-8 with hand tools. Main target species include tree tobacco, erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-8.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-8.
1500: Crew stops work for the day.

Additional Comments
Photos: Invasive_removal_DG-8_facingN Invasive_removal_DG-8_facingNW Invasive_removal_DG-8_facingN

Signature



Invasive_removal_DG-8_facingN**.jpg**

Invasive_removal_DG-8_facingNW**.jpg**

Invasive_removal_DG-8_facingN

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: December 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:45	61 °F	0-3 MPH	0 %
End of Day	14:20	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Shovels, hoes
3. Nature's Image crew; four crew members. (Ed acting foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

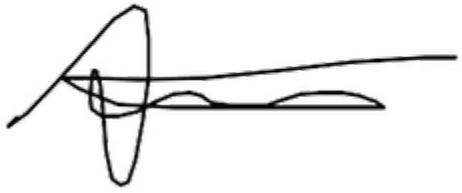
List of species observed while monitoring:
YRWA, AMCR, SPTO, California ground squirrel, Cottontail rabbit, CALT, COHA, BEWR, CATH

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0745 arrived onsite. Delayed due to freeway shutdown from accident.
0800 crew starts working. Two people pulling approximately 34.190671 N, 118.176300 W). Two people working on irrigation.
0844 Crew member shows me area with intentionally cut plants. Documented plants and notified Carley (ECORP).
1050 crew breaks for lunch
1135 crew returns from lunch
1315 crew breaks
1330 crew returns
1355 crew starts cleaning for the day
1420 left site

Additional Comments
N/A

Signature



Work_area.jpg

Work_area_mid_day.jpg

End_of_Day_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: December 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	0 %
End of Day	14:30	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Nature's Image (3-Ed, Tatiana, Linda)

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 CASJ CALT parrot sp. OATI AMCR RSHA LEGO BEWR WREN BUSH CAQU ANHU ACWO SPTO WCSP RCKI SOSP TUVU BGGN NOFL CATH CAKI WBNU BLPH
California ground squirrel
Common side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrived on site & was shown to work area by Ed (DG-4, DG-4A). Crew is small today. New empty container should arrive between noon and 2:00 today.
0708: Ed starts work-had difficulty starting up Kubota. Tatiana and Linda will be joining vegetation removal after irrigation duties. Mostly pulling poison hemlock and mustard from the area.
0724: Linda and Tatiana join. Tatiana had noticed a homeless encampment outside the restoration area containing cut willows that appear to be from restoration area.
0853-0928: break
1050: lunch and 50-minute pesticide safety video required for Nature's Image crew
1230: back to work. Mostly cleaning up and not pulling more due to the container not having arrived.
1315-1330: break
1335: cleanup of ingress/egress of vegetation that fell out of tarps while being transported to Kubota. Noticed several tree of heaven stumps from plants removed in early November that are already beginning to resprout.
1420: final clean up, headed back to conex. Crews plan on continuing in the same area on Monday (DG-4-approximately 34.190485°N 118.176710°W) working west and north towards trail.

Additional Comments
N/A

Signature

Work_area_for_the_day.JPG

Work_area_at_the_end_of_the_day.jpg
-118.17645177777779 34.19049399166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	4-6 MPH	0 %
End of Day	13:50	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMKE, WREN, AMCR, WCSP, RCPA, ACWO, YRWA, CATH, NOMO, CALT, SOSP, HOFI, CASJ, BTPI, Parakeet sp, CORA, MODO, BEWR, SPTO, ANHU, WEBL, MIPA, LEGO, RTHA, CAKI, BLPH, COHA, TUVU,
Mammals: California ground squirrel
Reptiles: Western fence lizard
Amphibians: NA
Invertebrates: honeybee, cochineal scale bug, blow fly, cabbage white, sulphurs, skipper

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to north end of site to begin work in DG-1.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-1.
1055 Acorn woodpecker storing acorns in utility pole.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-1.
1300 Observed water flowing through Arroyo Seco.
1335 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG1_vegetation_removed_facingSW.jpg
-118.16809655 34.198200166666666

DG1_vegetation_removed_facingSW2.jpg
-118.16812636944445 34.198302777777776

ACWO_storing_acorns_facingN.jpg
-118.1695627388889 34.19297528888889

Water_flowing_ArroyoSeco_facingN.jpg
-118.16864856944444 34.19814922222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: December 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	15:00	69 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 10 plus Juan 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: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI AGOL BASW CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR SPTO LEGO NOFL COHA EUST OCWA YRWA WBNU BTPI RCPA AMKE SAPH
Reptiles: western fence lizard, side-blotch lizard
Mammals: California ground squirrel, Desert cottontail
Amphibians: NA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: Arrive on site.
0640: Safety tailgate.
0650: Crew begins work weeding in DG-4 and DG-4C with hand tools. Main target species include tree tobacco, erodium, non-native grasses, mustard, and poison hemlock.
0900: Crew takes a break.
0915: Crew continues invasive species removal in DG-4 and DG-4C.
1200: Crew breaks for lunch.
1230: Crew continues invasive species removal in DG-4 and DG-4C.
1400: Crew stops work for the day.

Additional Comments
N/A

Signature

Invasive_removal_DG-4C_facingNE.jpg

Invasive_removal_DG-4_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Shelby Dunn
Company: ECORP
Date of Log: December 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:15	69 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation primarily poison hemlock in DG-4.
2. Crew pulling vegetation by hand and with hand tools (hoe)
3. Nature's Image: Crew of 3 (Eduardo, Linda, Tatiana)

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 ACWO BUSH LEGO SPTO NUWO CALT BLPH SOSP RCPA CAQU CAKI AMCR HOFI OATI BGGN SAPH HUVI WCSP RCKI RSHA ANHU WTSW
Desert cotton tail, California ground squirrel
Western fenced lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0610 arrived on site
0634 escorted to work area by Linda. Informed crew will be small today and composed of three crew members (Ed, Linda, and Tatiana).
0640 began preclearance sweep of area.
0655 finished preclearance sweep. No sensitive biological resources observed. Cleared crew to begin work
0710 crew of two began nonnative vegetation removal. Primarily removing poison hemlock. Eduardo is behind loading the empty dumpster that arrived over the weekend and prepping tarps for the crew.
0745 Eduardo arrived and began assisting with nonnative vegetation removal (crew of 3)
0848-0925 crew took break
1045-1150 crew took lunch
1307-1349 crew took break
1410 crew finished vegetation removal for the day and began cleaning up
1415 updated ECORP PM (Carley) and the biological monitor for the next day
1425 left site

Additional Comments

Signature

Before_nonnative_vegetation_removal.jpg

After_nonnative_vegation_removal.jpg

During_nonnative_vegetation_removal.jpg

After_nonnative_vegetation_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: December 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:08	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant removal
2. Hand tools
3. Nature's Image (5)

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 BEWR CAKI WREN SPTO ACWO CASJ CORA Parrot sp. NUWO OATI BLPH BUSH AMCR WCSP CAQU RCKI DEJU NOFL CATH BGGN ANHU LEGO
California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrived on site. Ed walked me to work area (DG-4A and DG-4- approximately here: 34.190659°N 118.176477°W). Area consisting of poison hemlock, mustard, and tree of heaven. Three people working on vegetation removal, two on irrigation. Gothic working in their area on the west side of the restoration area. During pre-sweep of work area, located an unmarked, inactive nest in a patch of stinging nettle. Marked on FieldMaps (34.190732, -118.176477) and asked crew to not disturb it.
0855-0915: break
1032: Ed cutting down tree of heaven plants in DG-4
1050-1135: lunch
1215: two nature's image employees returned from lunch later than rest of crew.
1330: break, two additional Nature's image crew left. Ed, Tatiana, and Linda remaining on site.

Additional Comments
N/A

Signature

Work_area_before.JPG

Work_area_after.JPG

Second_work_area_before.JPG
-118.17648055555556 34.19047777777777

Second_work_area_after.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	7-9 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. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: RCPA, AMCR, CASJ, ACWO, COHA, CALT, HOFI, ANHU, YRWA, LEGO, MODO, RCKI, WCSP, BEWR, BUSH, BLPH, AGOL, KILL, EUST, BGGN, TUVU, SOSP, SPTO, CAKI, RTHA
Mammals: N/A
Reptiles: Side-blotched lizard
Amphibians: N/A
Invertebrates: honeybee, dragonfly, Physella

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to DG-4 to begin work.
0800 Observed water flowing through Arroyo Seco.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-W-2.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-W-2.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG4_vegetation_removed_facingN1.jpg
-118.17480011111111 34.19260676111111

ArroyoSeco_facingN.jpg
-118.1680733888889 34.19979836111111

DG4_vegetation_removed_facingE1.jpg
-118.17501683333334 34.19284369444444

DGW2_vegetation_removed_facingNW.jpg
-118.17503215 34.19282096111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	4-6 MPH	40 %
End of Day	14:45	69 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: AMCR, RCPA, GREG, MODO, CALT, CASJ, HOFI, WCSP, BEWR, NUWO, BGGN, ACWO, EUCD, NOFL, YRWA, BUSH, KILL, ALHU, CORA, CAQU, CATH, LEGO, RTHA, RCKI, SOSP
Mammals: California ground squirrel, fox squirrel
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee, cochineal scale bug

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635 Crew on site.
0645 Crew heads to DG-4, DG-W-2, & DG-4 to begin work.
0800 Observed water flowing through Arroyo Seco.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-4. Additional plantings watered on the east side.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-4.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG4_vegetation_removed_facingS2.jpg
-118.1737466 34.19251771111111

DG4_pre_vegetation_removal_facingE.jpg
-118.17352666666667 34.19277066666666

DG4_vegetation_removed_facingE2.jpg
-118.17351861944445 34.19279669444444

DG4_post_vegetation_removal_facingE.jpg
-118.17351008333334 34.192769211111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: December 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	52 °F	0-3 MPH	100 %
End of Day	14:15	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Nonnative vegetation removal
2. Shovels, hoes, saws
3. Nature's Image; five person crew. (Ed working as 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:
CASJ, CALT, BUSH, AMCR, RCPA, cottontail, CAQU, ANHU, WCSP, California ground squirrel, SPTO, CATH, CAKI, BEWR, LEOW

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived onsite
0630 Ed (NI) shows me work area. Crew working approximately 34.190131°N 118.176560°W.
0700 crew starts working. Three people pulling. Two people are working on irrigation.
0730 found a coyote den. Marked in feildmap.
0847 crew breaks
0915 crew returns from break
0948 talk with Ed about tree of heaven and fig tree removal
1043 crew breaks for lunch
1135 crew returns from lunch
1151 observed a long-eared owl.
1300 crew breaks. Two crew members leave for the day.
1325 crew returns
1400 crew starts cleaning up for the day
1415 left site

Additional Comments
N/A

Signature

Before_work.jpg

Mid_Day_facingSW.jpg

End_of_Day_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: December 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:36	37 °F	0-3 MPH	10 %
End of Day	14:56	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: ACWO, CASJ, NUWO, LEGO, CALT, AMCR, RTHA, COHA, BEWR, CAKI, RCPA, ECDO, WCSP, RCKI, BLPH, HOFI, EUST, OATI, BUSH, SOSP, ANHU, LISP, SPTO, DEJU, NOFL, TOWA, OCWA, MODO, KILL, CAQU, RSHA, CORA, AMKE, BGGN, WTSW
Amphibians: N/A
Reptiles: N/A
Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0635: Arrive on site on the west side. Work will consist of weed removals throughout the mining pit area and DG-4.
0900: Crew takes a break.
0915: Crew resumes work. Crew of three travels to east side to hand water several willow plantings.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in adjacent work areas, shifting more towards the east within DG-4.
1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Weed_removal_DG-2-MiningPit_facingNW.jpg
-118.17451098333333 34.19253040555555

During_weed_removal.jpg
-118.17336005555556 34.19317375

Weed_removal_DG-4_facingW.jpg
-118.17307133333334 34.19378272222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: December 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	35 °F	0-3 MPH	0 %
End of Day	14:34	57 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Restoration monitoring.
2. hand tools.
3. Nature's Image, one crew member, Ed.

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, BRWR, AMCR, ACWO, ANHU, BLPH, CAQU, HOFI, WREN, SOSP, RSHA, Amazonia sp., BUSH, and LEGO.

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 I arrived onsite.
0630 Discussed plan for the day with Linda. Ed was running late, and we decided to wait for him to arrive to show us where he'll be working while they are on irrigation.
0715 Ed arrived.
0725 Ed had to jumpstart the Kubota.
0735 Ed showed me where they will be working today in DG-4 and DG-4A.
0740 I began clearing the area where he was starting.
0750 I alerted Ed the area was clear. Focus: *Lepidium latifolium*, *Conium maculatum*, *Brassica nigra*, and *Ailanthus altissimum*. Tools/method: hand tools and hand pulling.
0850 Ed broke for his first break.
0915 Ed returned from first break and Raul came to help.
1030 Raul left.
1055 Ed and the other crew broke for lunch.
1135 Ed and the crew returned from lunch.
1320 Ed broke for second break.
1335 Ed returned from second break.
1400 Ed began wrapping up for the day.
1430 Ed and crew finished wrapping up for the day and have left for the day.

Additional Comments
N/A

Signature

work_area_start_facingSE.jpg
-118.1767088888889 34.19018194444444

work_area_end_facing_SSE.jpg
-118.17674777777778 34.19017972222222

second_work_area_during_facingS.jpg
-118.17665194444444 34.19009777777777

second_work_area_end_facingS.jpg
-118.17668388888889 34.190075

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor, Jillian Petersen
Company: ECORP
Date of Log: December 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	41 °F	0-3 MPH	5 %
End of Day	14:25	62 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Hand tools
3. Ed, Linda, Tatiana

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

List of species observed while monitoring:
Parrot spp RSHA NUWO AMCR BUSH NOFL CASJ SOSP OATI ANHU WREN ACWO LEGO COHA SPTO CAQU BLPH YRWA BEWR RCKI ALHU CALT DEJU WEBL HOFI CAKI EUCD WCSP EUST RTHA BGGN MODO LEOW

Desert Cottontail, Fox squirrel, Ground squirrel

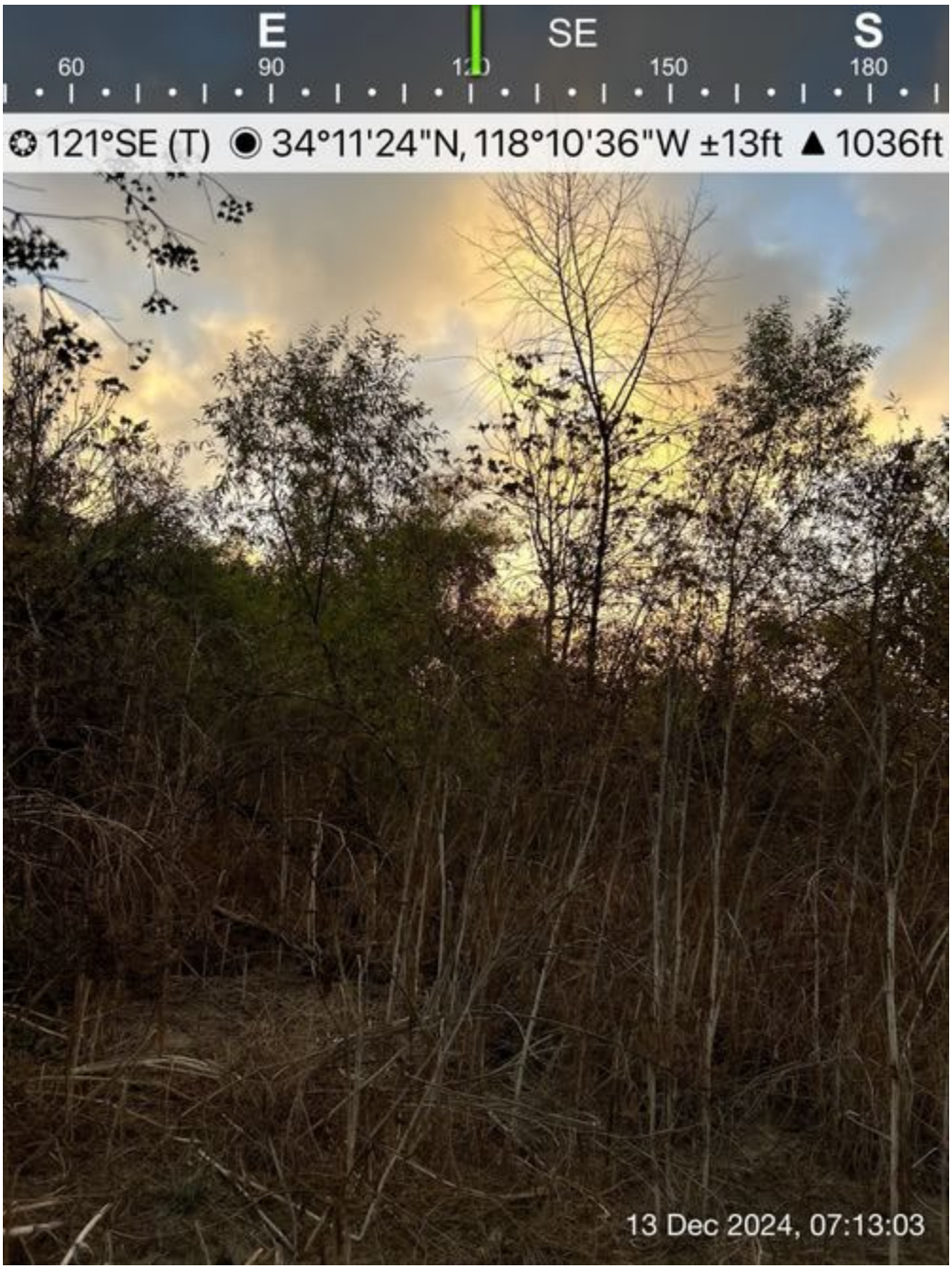
Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
722 work began in DG4– Ed pulling poison hemlock, Linda and Tatiana went to work on irrigation
855-930 break
930 work resumed— Ed, Linda, and Tatiana all working on poison hemlock
1050-1145 lunch
1330-1350 break
1415: cleanup and return to conex.
1425: left site

Plan for Monday is to continue in the same area beginning approximately at 34.189940°N 118.176615°W and moving west.

Additional Comments
N/A

Signature



Pre-vegetation-clearing.jpg

Post_vegetation_clearing.jpg

Post_vegetation_clearing-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	43 °F	0-3 MPH	60 %
End of Day	13:55	59 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan 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: RCPA, CAKI, MODO, AMCR, EUST, ACWO, CALT, HOFI, EUCD, CASJ, RCKI, OATI, NUWO, WCSP, YRWA, COHA, ANHU, NOFL, BEWR, SOSP, TUVU, RTHA, CORA, BUSH
Mammals: California ground squirrel
Reptiles: western fence lizard
Amphibians: NA
Invertebrates: honeybee, cricket

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0705 Crew on site.
0720 Crew heads to northwest side of Gothic area on west side in DG-4 to begin work heading south.
0815 Crew in DG-4C.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-4 and DG-4C.
1120 Observed scattered mourning dove feathers in DG-4C.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-4.
1445 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG4_vegetation_removed_facingS3.jpg
-118.17389060000001 34.194115999999994

DG4_vegetation_removed_facingS4.jpg
-118.17445380555556 34.19339216666666

DG4C_vegetation_removal_facingS.jpg
-118.1744727388889 34.19335238888888

MODO_scattered_feathers_facingS.jpg
-118.1748419888889 34.192997138888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: December 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:51	50 °F	0-3 MPH	0 %
End of Day	14:06	69 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Weeding
2. Hand tools
3. Lalo (Nature's Image foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

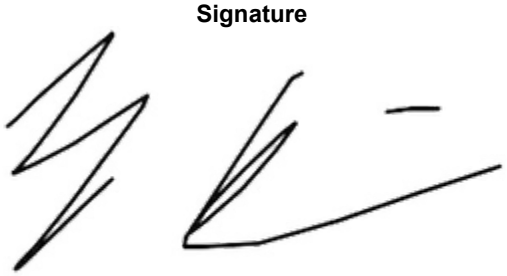
List of species observed while monitoring:
Western Yellowjacket, Western Honeybee
CALT, AMCR, NUWO, CAQU, BEWR, Amazona sp., BUSH, RCKI, CASJ, WCSP, SOSP, ALHU, RSHA, OATI, ACWO, HOFI, SPTO, BGGN, LEGO, CORA, ANHU, NOFL, BLPH, AMKE, CAKI, MODO, ECDO
Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620- Arrived on site. Went and swept planned work area in DG-4 (34.189969°N 118.176710°W).
0700- Crew started work. They are removing hemlock and mustard in the planned work area in DG-4.
0845- Crew stopped for break.
0920- Crew resumed work after break.
1045- Crew stopped for lunch.
1130- Crea resumed work after lunch.
1310- Crew stopped for break.
1345- Crew resumed work after break.
1405- Crew is cleaning up for the day.

Additional Comments
N/A

Signature



DG-4_prior_to_work_starting.JPG
-118.17676944444445 34.19016111111111

Crew_starting_work.JPG
-118.17681666666667 34.19004722222222

Crew_working.JPG
-118.17687777777778 34.190105555555554

Crew_cleaning_up_for_the_day.JPG
-118.17662777777778 34.18998055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: December 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	15:00	69 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 8 plus interim crew leads Manuel and Jimmy

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

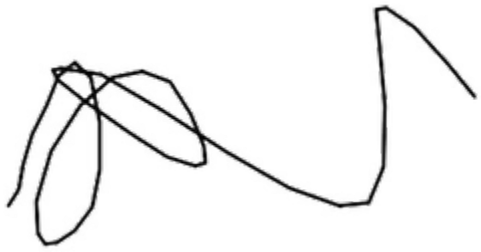
List of species observed while monitoring:
Birds: American Crow, Dark-eyed Junco, White-crowned Sparrow, Ruby-crowned Kinglet, California Scrub Jay, Nuttall's Woodpecker, California Quail, Spotted Towhee, Northern Mockingbird, California Towhee, Cooper's Hawk, House Finch, Yellow-rumped Warbler, Blue-grey Gnatcatcher, Northern Flicker, Wrentit, Red-crowned Parrot, Anna's Hummingbird, Bewick's Wren, American Kestrel, Common Raven, Black Phoebe, Lesser Goldfinch, Red-shouldered Hawk, Oak Titmouse, Cassin's Kingbird, Acorn Woodpecker, Red-tailed Hawk
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote, Fox Squirrel
Herps: Side-blotched Lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
All day - Crew worked south along the bank from Johnson Field to DG-3 pulling weeds

Additional Comments

Signature



Crew_sweeping_slope_for_weeds.jpg
-118.17177659722223 34.19243655555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Shelby Dunn
Company: ECORP
Date of Log: December 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:15	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing non-native vegetation primarily poison hemlock and perennial pepperweed near (34.1899359, -118.1766624)
2. Crew pulling vegetation by hand and with hand tools (hoe)
3. Nature's Image: Crew of two (Eduardo and Tatiana)

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, ACWO, BUSH, LEGO, SPTO, NUWO, CALT, BLPH, RCPA, CAQU, CAKI, SOSP, AMCR, HOFI, OATI, BGGN, YRWA, RCKI, RSHA, ANHU, Desert cotton tail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived on site
0634 escorted to work area by Eduardo. Informed Eduardo will be working alone, and Tatiana will be working on irrigation
0640 began pre-clearance sweep of area.
0655 finished pre-clearance sweep. No sensitive biological resources observed
0710 one crew began nonnative vegetation removal by hand and with a hoe. Primarily removing poison hemlock and perrenial pepperweed
0840-0920 crew took break
1050-1150 crew took lunch
1320-1345 crew took break
1410 crew finished vegetation removal for the day and began cleaning up
1415 updated ECORP PM (Carley) and the biological monitor for the next day
1420 left site

Additional Comments

Signature

Before_facing_S.jpg

During_facing_S.jpg

After_facing_S.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:45	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Manuel 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: AMCR, AMKE, ACWO, WREN, CORA, YRWA, NUWO, CASJ, BEWR, CALT, ANHU, BLPH, COHA, RCPA, ALHU, HETH, RCKI, BGGN, CATH, NOFL, CAQU, RTHA, WCSP, SOSP, SPTO, HOFI, MODO, SAPH, CAKI
Mammals: California ground squirrel, Bobcat, desert cottontail
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee, sulphurs, Argentine ants

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to DG-2 on east side of Arroyo Seco working south. Biologist give WEAP to new worker.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-2.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-2.
1430 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG2_vegetation_removed_facingW.jpg
-118.17250491666667 34.18921666111111

DG2_vegetation_removed_facingE.jpg
-118.17283127777779 34.18880181944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	4-6 MPH	0 %
End of Day	14:21	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants; irrigation
2. Hand tools
3. Nature's Image. Ed removing vegetation. Linda and Tatiana working on irrigation. Charlie out sick.

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, WCSP, BUSH, CALT, HOFI, CATH, CASJ, WREN, NUWO, OATI, BEWR, YRWA, SPTO, RCPA, LEGO, RCKI, AMCR, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 Ed showed me today's work area in DG-4 (34.189856°N 118.176637°W), then went to gather his equipment. Checked the area for wildlife.
0700 Ed returned to the area and started removing nonnative plants.
0845-0915 crew's morning break
1050 Ed and I headed to the parking lot for lunch.
1120 Ed and Raul (Nature's Image foreman) having a meeting.
1150 headed back to the work area in DG-4.
1220 Ed returned to the work area.
1415 Ed started cleaning up for the day. Headed back to work vehicle. Left site.

Additional Comments
N/A

Signature

20241218_work_area_facingW.JPG
-118.17664444444445 34.189874999999994

20241218_work_area_end_of_day_facingSW.JPG
-118.17669444444445 34.18988611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	4-6 MPH	0 %
End of Day	14:45	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Manuel 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: AMKE, AMCR, BLPH, SPTO, YRWA, LEGO, CALT, WCSP, RCPA, Parakeet sp., RTHA, KILL, MODO, RCKI, BTPI, MERL, HOFI, COHA, SAPH, BUSH, NOFL, CASJ, ANHU, CAKI, ACWO, TUVU, HUVI, CAQU, BGGN, SOSP, BEWR
Mammals: California ground squirrel, desert cottontail
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee, sulphurs, Argentine ants, mourning cloak

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0645 Crew heads to side slopes on east side of Arroyo Seco working north.
0830 Observed Merlin flying out of Arroyo Seco.
0900 Crew takes break.
0915 Crew continues vegetation removal on the side slopes.
1200 Crew takes lunch.
1230 Crew continues vegetation removal on side slopes.
1435 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

SideSlopes_vegetation_removal_facingNE.jpg
-118.17425621111111 34.186406230555555

SideSlopes_vegetation_removed_facingW.jpg
-118.17375272222223 34.18712498888888

SideSlopes_vegetation_facingW.jpg
-118.17368438055556 34.186484988888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: December 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:40	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1) Restoration activities limited to removal and disposal of non-native invasive plant species.
2) Restoration equipment limited to hand tools, particularly hoes.
3) Gothic crew comprised 10 workers. Jimmy is the foreman today while Juan is on vacation.

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: Red-masked parakeet, WCSP, CALT, BUSH, CASJ, YRWA, LEGO, AMCR, SPTO, RTHA, CORA, TUVU, NOFL, BEWR, SOSP, HOFI, ANHU, PHAI, BGGN, CATH, BLPH, SAPH, MODO, ALHU, ACWO
Herps: Great Basin fence lizard
Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 - ICF biologist and Gothic crew arrived at the Johnson Field staging area located on the east side of the Arroyo Seco.
0640 - Crew removing non-native invasive plants along south end of the work area, near the dam (Side Slopes-Eposodic Maintenenace Area & DG-3A)
0900 - Crew on AM break.
0915 - Crew back to work removing weeds along Side Slopes and DG-3A.
1200 - Crew on lunch break.
1230 - Crew back to work removing weeds.
1430 - Crew demobilizing and disposing of removed weed material.
1440 - ICF and Gothic leaving for the day.

Additional Comments
N/A

Signature

Crew_removing_weeds_FacingNW.jpg
-118.17374226944445 34.18580977777778

Crew_removing_weeds_DG-3A_FacingSW.jpg
-118.17290341666667 34.187866952777775

Crew_disposing_collected_nonnatives_FacingN.jpg
-118.17152417222222 34.192150166666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Tailor
Company: ECORP
Date of Log: December 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	25 %
End of Day	14:15	81 °F	0-3 MPH	25 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation clearing
2. Hand tools
3. 3 (Ed, Tatiana & Linda from 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:
OATI WCSP NUWO BLPH CALT Parrot sp. CASJ LEGO SPTO AMCR BUSH GHOW HOFI SOSP YRWA ANHU RSHA BGGN BEWR ACWO EUCD NOFL
California ground squirrel Desert cottontail
Common side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630: arrived on site. Walked to work area with Ed. Starting at main trail (34.189903°N 118.177229°W) heading east into DG-4A.
0705: Ed began removing primarily poison hemlock. Blue crown passion fruit vines growing on trees in this area to the canopy. Notified Ed. Also, many new poison hemlock growth observed in wetter areas.
0900-0934: break
1055-1155: lunch
1330-1345: break
1400: final cleanup. Scouted location for work tomorrow. Identified large area with poison hemlock.
1415: left site

Additional Comments
N/A

Signature

Work_area_before_nonnative_removal.JPG
-118.17702777777778 34.18983055555555

Blue_crown_passionflower.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: December 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:24	39 °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. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: LEGO, BUSH, BEWR, COHA, WCSP, CORA, ACWO, SPTO, CALT, YRWA, RCKI, ANHU, AMCR, GBHE, CASJ, NUWO, BGGN, AMKE, RCAM, WREN, KILL, BLPH, HOFI, SOSP, WTSW, EUST, OATI, DEJU, HETH, OCWA, BTYW, SAPH, CAQU, TOWA, CEWA, MODO, CAKI, NOMO, RTHA, NOFL, TUVU, DUFL
Amphibians: side-blotched lizard
Reptiles: N/A
Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615: Arrive on site on the east side. Work will consist of weed removals along the east perimeter road (by DG-3 and DG-2).
0720: Several crew members hand water plants by the NE corner of Johnson Field.
0900: Crew takes a break.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in adjacent work areas.
1400: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Beginning_work_DG-3_facingN.jpg
-118.17263054166668 34.18807586944444

Hand_watering_JohnsonField_facingE.jpg
-118.17127895277778 34.19205206666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	53 °F	0-3 MPH	10 %
End of Day	11:00	68 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. irrigation
2. Hand tools
3. Nature's Image. Ed and Tatiana out sick. Linda working 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:
RCPA AMCR HOFI BUSH LEGO BLPH YRWA SPTO CALT ANHU BEWR SOSP WCSP OATI OCWA NUWO
Desert cottontail, California ground squirrel, side-blotched lizard, western fence lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0620 arrived on site.
0630 Linda is working on irrigation today (only crew member on site. Surveyed the southern half of the site for potential issues:
- 34.19, -118.174722: black mustard popping up on side slopes (flowering)
- 34.189722, -118.175277: Dry, dead perennial pepperweed and black mustard mixed in with mulefat
- 34.188888, -118.176111: Ragweed and cocklebur have taken over the southern side slopes
- 34.189444, -118.176388: Vegetative black mustard and poison hemlock, one poison hemlock flowering
- 34.188888, -118.176944: Vegetative poison hemlock
- 34.188888, -118.176666: Tall castor bean - invasive
- 34.188611, -118.176944: Patch of perennial pepperweed
- 34.188055, -118.1775: Fig saplings
- 34.186944, -118.176944: Patch of sprouting perennial pepperweed, basal leaves only. They look nibbled on, but this area could be an issue if the plants continue to grow.
- 34.186666, -118.176666: Flowering black mustard on this slope
- 34.186861, -118.176779: Flowering poison hemlock on this slope
- 34.186299, -118.177227: Sprouting black mustard, some flowering
1100 left site.

Plan for next week: continue in DG-4 and 4A, working north.

Additional Comments
N/A

Signature

20241220_black_mustard-on-slope_facingNE.JPG
-118.17487777777778 34.19014444444444

20241220_dry-perennial pepperweed_black_mustard_facingW.JPG
-118.17530277777779 34.18988611111111

20241220_sprouting_poision_hemlock_facingW.JPG
-118.1772138888889 34.18915555555555

20241220_castor-bean_facingS.JPG
-118.17683611111111 34.189027777777774

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: December 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	35 %
End of Day	14:10	71 °F	0-3 MPH	55 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native vegetation removal
2. Shovels, hoes
3. Nature's Image, four person crew (Ed foreman)

Did you observe any special-status species? ☐ Yes ☑ No

Were any least Bell's Vireo detected? ☐ Yes ☑ No

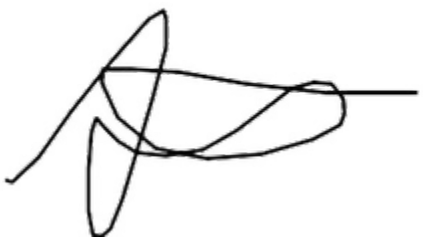
List of species observed while monitoring:
RCPA, AMCR, BGGN, cottontail, CASJ, ACWO, SPTO, ANHU, CALT, LEGO, YRWA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 arrived onsite. Ed (NI foreman) shows me work area to be cleared. Crew working approximately 34.190809 N, 118.175833 W.
0700 crew starts working. Two-person crew starts pulling mainly poison hemlock. Two person crew on irrigation duties.
0842 crew breaks
0915 crew returns
1050 crew breaks for lunch
1135 crew returns
1315 crew breaks
1330 crew returns
1400 crew starts cleaning the area for the day.
1412 left site

Additional Comments
N/A

Signature



StartOfDay_facingNE.jpg

Work_area_mid_day.jpg

Work_area_end_of_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: December 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	53 °F	0-3 MPH	100 %
End of Day	14:15	59 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Removing nonnative plants; irrigation
2. Hand tools
3. Nature's Image. Ed removing vegetation. Linda 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:
WCSP SPTO CALT CATH YRWA SOSP BEWR BUSH RCKI HOFI AMCR ACWO CASJ
California ground squirrel, desert cottontail, side-blotched lizard

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 arrived on site.
0630 Ed showed me to the work area in DG-4 (34.191052, -118.175797). Checked the area for wildlife.
0700 Ed returned to the work area and started removing nonnative plants. Monitored wildlife activity.
0845-0915 crew's morning break
1045-1145 lunch
1330-1345 afternoon break
1415 Ed started cleaning up for the day. Headed back to the parking lot. Left site.

Plan for next week: continue work in this area on Monday.

Additional Comments
N/A

Signature

20241224_start-of-day1_facingNE.JPG
-118.17583888888889 34.190886111111105

20241224_start-of-day2_facingS.JPG
-118.17580277777778 34.19105555555555

20241224_end_of_day1_facingE.JPG
-118.17584444444445 34.19083333333333

20241224_end_of_day2_facingS.JPG
-118.17579722222223 34.19105277777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: December 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	47 °F	0-3 MPH	90 %
End of Day	15:00	66 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan 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: AMCR, CALT, BGGN, RCKI, LEGO, ANHU, WCSP, CATH, RCAM, BLPH, BEWR, YRWA, SPTO, COHA, KILL, MODO, DEJU, CASJ, ACWO, EUST, OATI, CORA, OCWA, BUSH, RTHA, SOSP, NUWO, NOFL
Amphibians: side-blotched lizard
Reptiles: N/A
Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700: Arrive on site on the east side. Work will consist of weed removals throughout Johnson Field.
1000: Several crew members hand water plants along the east perimeter trail slope (DG-3 plantings).
0900: Crew takes a break.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in adjacent work areas but primarily near Johnson Field still.
1455: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Weeding_JohnsonField_facingE.jpg
-118.17142056944445 34.19208217777778

Watered_plantings_DG-3_facingW.jpg
-118.17331867777779 34.18630860833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	100 %
End of Day	13:42	58 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Manuel 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: AMKE, YRWA, CORA, CASJ, AMCR, NOFL, WCSP, SOSP, ACWO, CATH, ANHU, RCPA, CALT, RCKI, COHA, BEWR, NUWO, HOFI, ALHU, BGGN, NOMO, WREN, BUSH, RTHA, HUVI, TUVU
Mammals: California ground squirrel, desert cottontail
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee, cottony cushion scale, Argentine ant

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0700 Crew heads to Johnson Field on east side of Arroyo Seco working north along the east public trail.
0900 Crew takes break.
0915 Crew continues vegetation removal in Johnson Field.
0950 Observed cottony cushion scale bug foraging on mulefat.
1100 Crew hand waters select smaller trees.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in Johnson Field.
1330 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

JohnsonField_vegetation_removed_facingW.jpg
-118.17113151944444 34.19128819444444

JohnsonField_vegetation_removal_facingS.jpg
-118.1713386 34.19091947222222

Cottony_cushion_scale_foraging_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: December 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	47 °F	0-3 MPH	100 %
End of Day	14:55	66 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total)

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, YRWA, HOFI, LEGO, BLPH, RCAM, BGGN, SOSP, ANHU, CALT, WREN, BUSH, CASJ, AMCR, WCSP, SPTO, CATH, RCKI, KILL, NOFL, CORA, CAQU, ECDO, EUST, ACWO, OATI, BEWR, DEJU, CANG, ALHU, AMKE, RSHA, DUFL, SAPH
Amphibians: side-blotched lizard
Reptiles: N/A
Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0700: Arrive on site on the east side. Work will consist of weed removals throughout Johnson Field and will continue northward into DG-1 throughout the week.
0900: Crew takes a break.
1200: Gothic crew takes lunch break.
1230: Resumes weed removal in adjacent work areas but primarily near Johnson Field still. Focuses on thatch and dodder removal in thickets.
1455: Gothic crew finishes work for the day and demobilizes.

Additional Comments
N/A

Signature

Beginning_weeding_JohnsonField_facingS.jpg
-118.17106008333334 34.19106425

After_weeding_JohnsonField_facingSW.jpg
-118.17145347777779 34.19199251111111

After_weeding_JohnsonField_facingSE.jpg
-118.17148450555555 34.191977638888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: December 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:20	65 °F	0-3 MPH	1 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (1 shovel, 1 hoe, 1 rake)
3. Nature's Image: Crew of two. Ed supervising

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 fence lizard, western honeybee, yellow jacket
CAKI CASJ RCPA ACWO CALT BLPH BEWR YRWA HOFI RCKI ANHU CANG COHA LEGO BGGN KILL AMCR EUST SOSP RSHA RTHA

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0615 Arrived on site
0650 Spoke with Ed. Crew will work on the basin-side of side slopes at far southern end of DG-4 (34.186292°N 118.176755°W) working in a generally northward direction
0700 Arrived at southern end of DG-4. Began pre-clearance sweep; woodrat middens observed.
0710 Crew began clearing non-native brush: perennial pepperweed, mustard, curly dock.
0845-0930 Crew on break
0930 Crew returned to same work area for more brush clearing
1040-1150 Crew on lunch
1150 Crew returned to work area. Began cutting down a eucalyptus tree in the area
1315-1350 Crew on break
1350 Crew returned to finish final brush clearing and work area clean up
1415 Crew left work area to dispose of tarps and finish clean up

Additional Comments
N/A

Signature

DG-4_southern_side_slope_before.jpg

DG-4_southern_side_slope_after.jpg

DG-4_southern_side_slope_eucalyptus_before.jpg

DG-4_southern_side_slope_eucalyptus_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin Stuart
Company: ECORP
Date of Log: December 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	49 °F	0-3 MPH	80 %
End of Day	14:13	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation clearing
2. Hand tools (1 shovel, 1 hoe, 1 rake)
3. Nature's Image: Crew of two. Ed supervising

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, California ground squirrel
BUSH CALT CAKI BLPH EUST AMCR ACWO BEWR KILL HOFI YRWA ANHU OATI SOSP PEFA LEGO COHA MODO CASJ

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0622 Arrived on site
0700 Followed Ed in vehicle to work area
0705 Arrived at work area: basin-side of side slopes at far southern end of DG-4 (34.186296, -118.176757) working in a generally northward direction. Began pre-clearance sweep of work area: woodrat middens
0715 Crew began clearing non-native brush: mustard, perennial pepperweed
0845-0925 Crew on break
0925 Crew returned to same work area for more brush clearing
1050-1145 Crew on lunch
1145 Crew returned to work area
1325-1350 Crew on break
1350 Crew returned to work area for final brush clearing and clean up
1410 Crew left work area to dispose of tarps and finish clean up

Additional Comments
N/A

Signature

DG4_southern_side_slope_before.jpg

DG4_southern_side_slope_after.jpg

DG-4_southern_side_slope_by_eucalyptus_before.jpg

DG-4_southern_side_slope_by_eucalyptus_after.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: December 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	40 %
End of Day	14:35	61 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?
Restoration Monitoring

Construction Activity:
1. Vegetation removal.
2. Tarps, hand tools, hand pulling, and buckets.
3. Gothic Landscape crew of 10 plus Manuel 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: AMKE, AMCR, BEWR, COHA, CASJ, CALT, YRWA, ANHU, WCSP, ACWO, CAQU, RCKI, SPTO, SOSP, NOFL, BTPI, HOFI, RCPA, NUWO, NOMO, RTHA, CORA, GREG, WREN, BLPH
Mammals: coyote, California ground squirrel, desert cottontail
Reptiles: NA
Amphibians: NA
Invertebrates: honeybee

Did You Observe any Non-Compliance Issues? ☐ Yes ☑ No

Log Entry
0630 Crew on site.
0650 Crew begins work on east side of Arroyo Seco in DG-8, DG east trail 4, & hand watered supplemental plants.
0900 Crew takes break.
0915 Crew continues vegetation removal in DG-1.
1100 Crew hand waters select smaller trees.
1200 Crew takes lunch.
1230 Crew continues vegetation removal in DG-1.
1300 Observed California buckwheat with flat stems.
1425 Crew wraps up work for the day and takes removed vegetation to dumpster.

Additional Comments
N/A

Signature

DG8_vegetation_removal_facingSW.jpg
-118.1715155388889 34.19271808333333

DG1_vegetation_removed_facingW2.jpg
-118.17079001944445 34.193923972222215

DG1_CA_buckwheat_flat_stems_facingE.jpg
-118.16990456944445 34.19489686111111

DGeast_trail4_vegetation_removed_facingE.jpg
-118.17139847222222 34.192228099999994

APPENDIX B

Devils Gate Phase 3 As-Built Report

Phase 3 Mitigation Site As-Built Report

Devil's Gate Reservoir Restoration Project

City of Pasadena
Los Angeles County, California

Prepared for:

Los Angeles County 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 Adams

June 5, 2024

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

CONTENTS

1.0 INTRODUCTION 1
1.1 Project Location 1
2.0 MITIGATION REQUIREMENTS 5
3.0 SUMMARY OF HABITAT RESTORATION IMPLEMENTATION 5
3.1 Weed Abatement 6
3.2 Grading and Recontouring 8
3.3 Seeding 8
3.4 Container Plant Installation 11
4.0 COMPLIANCE WITH HABITAT RESTORATION PLAN 12
4.1 Photo Documentation 12
5.0 IMPLEMENtATION ACCEPTANCE 13
6.0 REFERENCES 14

LIST OF TABLES

Table 1. Summary of Seeding 8
Table 2. Summary of Container and Stake Planting 12
Table 3. Summary of Phase 3 Mitigation Areas 13

LIST OF FIGURES

Figure 1. Project Vicinity 3
Figure 2. Project Location 4
Figure 3. As-Built Habitat Mitigation Areas 7

LIST OF APPENDICES

Appendix A – Streambed Alteration Agreement No. 1600-2015-0263-R5
Appendix B – Photo Documentation

LIST OF ACRONYMS AND ABBREVIATIONS

CDFW	California Department of Fish and Wildlife
CESA	California Endangered Species Act
cy	Cubic Yards
ESA	Federal Endangered Species Act
HRP	Final Habitat Restoration Plan
PW	Los Angeles County Public Works
Lbs.	Pounds
LSAA	Lake and Streambed Alteration Agreement
msl	Mean Sea Level
N/A	Not Applicable
PLS	Pure Live Seed
PMA	Permanent Maintenance Area
Project	Devil's Gate Reservoir Restoration Project
RE	Restoration Ecologist
USGS	United States Geological Survey

1.0 INTRODUCTION

The Los Angeles County Public Works (PW) completed Phase 3 of habitat restoration implementation for the Devil's Gate Reservoir Restoration Project (Project) on January 5, 2024. Habitat restoration is being implemented 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). Two amendments to the LSAA were issued by the CDFW in response to modifications to the boundaries of the Project (dated July 17, 2018) and to address the proposed offsite mitigation component (dated July 16, 2018). PW is currently working on an amendment to the LSAA with the CDFW that will reflect the changes in the Project resulting from the legal settlement. The changes resulting from the legal settlement primarily include fewer permanent impacts associated with a change in the Project boundary and modifications to the area around Altadena Drain. Slight changes to the acreages of restoration in Phase 1, Phase 2, and Phase 3 as-builts may result but those will be updated following the completion of the permit amendments.

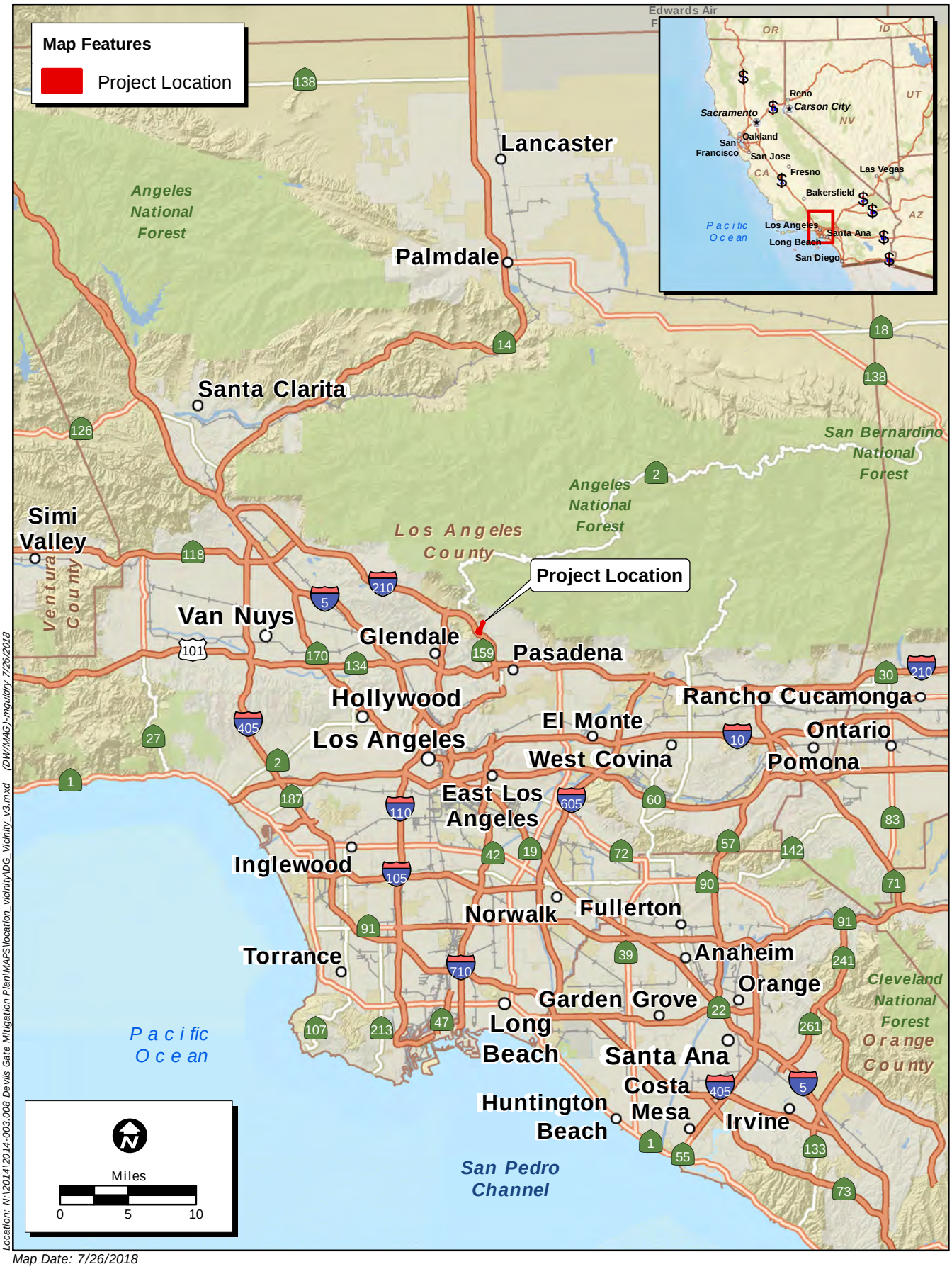
Implementation of habitat mitigation for Phase 3 was conducted in mitigation areas DG-4 WOUS, DG-4 WOUS Connections, DG-4A, Tire Wash, Flint Wash, and Side Slopes (including the unpermitted impact areas at the top of the Side Slopes). Implementation of habitat mitigation was conducted according to the 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). Per Condition 4.5 of the LSAA (Appendix A), a Mitigation Site As-Built Report shall be submitted to CDFW within 60 days of completing the initial restoration activities. This *Post-Implementation Mitigation Site As-Built Report* only addresses the Phase 3 restoration areas. A separate as-built report will be prepared when future phases of the restoration for the Project have been completed.

The Project included an initial removal of 1.7 million cubic yards (cy) of sediment to establish a Permanent Maintenance Area (PMA), restore flood capacity, and establish a reservoir management system to maintain the flood control capacity of the reservoir. Subsequently, annual maintenance and episodic maintenance are being conducted in the established PMA to remove accumulated sediment and to ensure continued flood control capacity. Removal of sediment will not occur outside of the boundaries of the PMA.

1.1 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-feet 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_Vicinity_v3.mxd (DW/MAG)-mguidry 7/26/2018

Map Date: 7/26/2018

Service Layer Credits: Sources: Esri, USGS, NOAA

Figure 1. Project Vicinity

ECORP Consulting, Inc.
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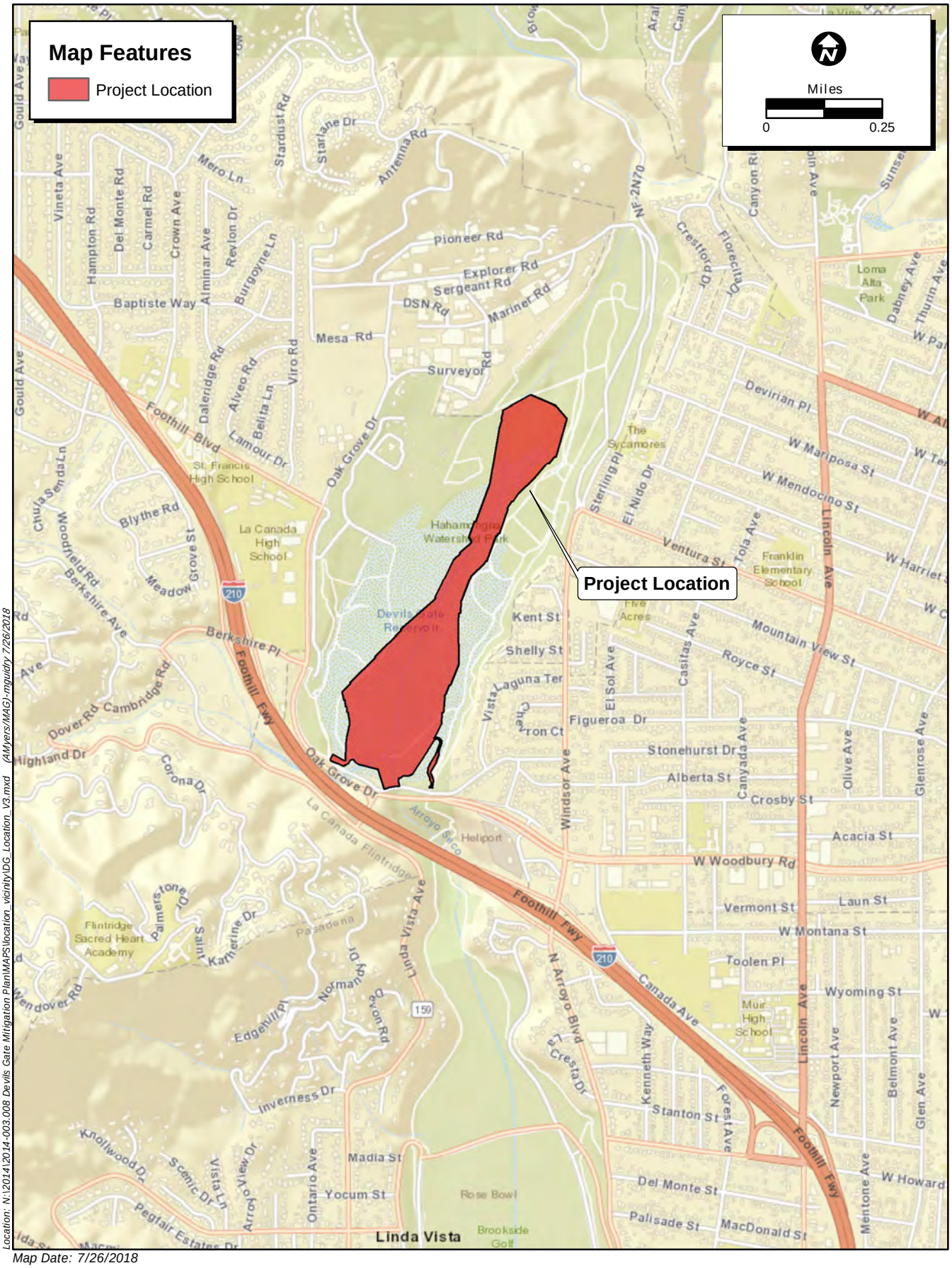
2014-003.008 Devil's Gate Sediment Removal Project



Map Date: 7/26/2018
Source: ESRI

Figure 2. Project Location

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

2014-003.013 Devil's Gate Sediment Removal Project

2.0 MITIGATION REQUIREMENTS

The LSAA issued by the CDFW for the Project on March 21, 2017 provided a breakdown of the required onsite and offsite compensatory mitigation for permanent impacts (Condition 3.1) as well as the mitigation required for the temporary impacts of the Project (Condition 3.2). The LSAA amendment issued on July 17, 2018 provided a revision to the Project impacts that were based on a revised Project boundary and also revised Condition 3.1 to reflect modifications to the required onsite mitigation. PW is currently in the process of preparing an LSAA amendment application that will account for changes to the permitted Project boundary. The changes are a result of clearing that occurred outside of the permitted project boundary, changes resulting from the legal settlement, and potentially some changes to the mitigation requirements, which will all be addressed in future as-built reports.

The original design of the onsite mitigation for the Project, which is what this as-built report is based upon, included the creation, restoration, and enhancement of 69.94 acres subject to CDFW jurisdiction located outside of the PMA. It should be noted that the mitigation acreage for the Project may change following the approval of the LSAA amendment that is currently in process. The 69.94 acres of mitigation is required to compensate for permanent impacts to 41.98 acres of CDFW jurisdiction. The LSAA also requires mitigation for temporary impacts to 16.17 acres by delaying the impacts to these areas until the third year of sediment removal and replanting them within 24 months of the impacts. In addition, the Episodic Maintenance Area, or Side Slopes of the PMA, which encompasses 7.34 acres according to the original design, was required to be replanted with native vegetation, including shrub and annual species associated with riparian scrub and alluvial scrub vegetation communities. Allowing the Side Slopes of the Annual Maintenance Area to support native vegetation will provide additional compensatory mitigation by creating a riparian scrub buffer habitat between the areas that are actively managed in the Annual Maintenance Area and the compensatory mitigation areas. The Side Slopes may be periodically affected by re-contouring if large sediment deposits bury portions of the Side slopes. In this case, the sediment will be removed, and the Side Slopes will be re-contoured and allowed to naturally revegetate. Onsite compensatory mitigation will include invasive and nonnative weed abatement, planting with native container stock, planting pole cuttings for specific species, seeding with native seed material, and maintaining and monitoring each mitigation area for a period of five years for riparian areas and ten years for upland areas, or until all success criteria have been met.

3.0 SUMMARY OF HABITAT RESTORATION IMPLEMENTATION

Habitat restoration implementation for Phase 3 was conducted by Nature's Image and Gothic (weed abatement only), with oversight by Stillwater Sciences (Stillwater), ICF International (ICF), and ECORP Consulting, Inc. (ECORP). Oversight was primarily provided by Michael Walsh (Biologist, Stillwater), Wendy Katagi (Senior Manager, Watershed and Ecosystem Restoration Services, Stillwater), Tony DeJulio (Vice President, ICF), Dick Rol (Principal, Landscape Architecture/Ecosystem Restoration, ICF), Carley (Lancaster) Adams (Restoration Ecologist, ECORP), Josh Corona-Bennett (Senior Restoration Ecologist, ECORP) and Mari Quillman (Biological Resources Program Manager, ECORP). Nature's Image is a subcontractor to ECORP and Gothic and Stillwater are subcontractors to ICF. ICF and ECORP are the prime contractors to PW. Implementation of habitat restoration for Phase 3 was conducted in mitigation areas DG-4 WOUS,

DG-4 WOUS Connections, DG-4A, Tire Wash, Flint Wash, and Side Slopes. Several of the Phase 3 mitigation areas required surface grading and recontouring prior to planting and seeding. A total of four vegetation communities were included in the Phase 3 habitat restoration effort including Mulefat Thickets (*Baccharis salicifolia* Shrubland Alliance), Black Willow Thickets (*Salix gooddingii* Woodland Alliance), California Sagebrush – California Buckwheat Scrub (*Artemisia californica – Eriogonum fasciculatum* Shrubland Alliance), and Scale Broom Scrub (*Lepidospartum squamatum* Shrubland Alliance). Habitat restoration implementation commenced on December 14, 2020 and included nonnative and invasive plant removal and follow-up weed abatement efforts. Implementation for Phase 3 was completed on January 5, 2024. A description of the habitat restoration implementation is provided in the following sections. Figure 3 shows the locations where the various habitat restoration activities took place.

3.1 Weed Abatement

Initial weed abatement activities commenced on December 14, 2020. Following the completion of the initial weed abatement activities, follow-up weed abatement efforts commenced and are ongoing for all the Phase 3 areas. Pre-planting nonnative and invasive plant removal was conducted using a combination of hand-pulling, weed whips, and hula hoes. During the pre-planting weed removal efforts, all nonnative and invasive plant species that had gone to flower or seed were removed by hand or by using hand tools, placed on tarps, and disposed of in an onsite dumpster. Onsite dumpsters were picked up regularly and the nonnative and invasive plant materials were disposed of at an appropriate facility located outside of the Project site. After planting and seeding, nonnative and invasive plant control has been ongoing using hand-pulling, weed whips, and hula hoes. In March 2019, the Los Angeles County Board of Supervisors placed a moratorium on use of glyphosate at all County facilities until further notice. It should be noted that the moratorium was updated to allow for the use of certain approved herbicides; however, the ban on glyphosate is currently still in place. Keeping the nonnative and invasive plants under control using only hand methods is extremely difficult. The primary species targeted during nonnative and invasive plant removal included black mustard (*Brassica nigra*), red brome (*Bromus. rubens*), poison hemlock (*Conium maculatum*), red-stemmed filaree (*Erodium cicutarium*), foxtail barely (*Hordeum murinum*), perennial pepperweed (*Lepidium latifolium*), and horehound (*Marrubium vulgare*).

Devil's Gate Mitigation Area
Planting Area Phasing

Map Features

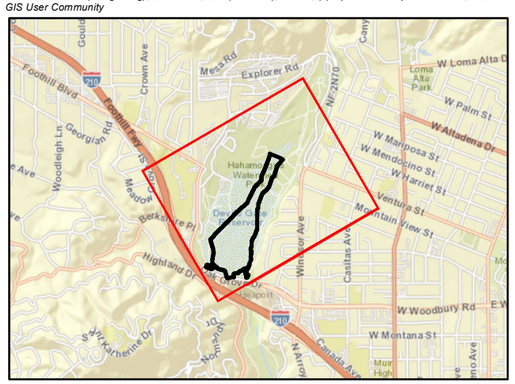
- Final Design Boundary
- Sediment Removal Excavation Contours [1]

Phasing (2024 update)

- Phase 1
- Phase 2
- Phase 3
- Future Restoration Areas

DG-W-2 Mining Pit
DG-4C
DG-7
DG-4 WOUS Connections
DG-4B
DG-W-2 (Mining Pit Outlet)
DG-4 Drainage
DG-4A
DG-4 Sheetflow
DG-SF-1
DG-5
DG-4
DG-1 WOUS
DG-1
DG-4 WOUS
DG-3
DG-4 Drainage
DG-4 Sheetflow
DG-4A
DG-4A
DG-4A
DG-4 WOUS
DG-4 Drainage
DG-4A
DG-SF-2
DG-2
DG-East Trail 4
DG-East Trail 3
DG-W-1 (Johnson Field)
Tire Wash
DG-2 New Channels
DG-2 WOUS
DG-2A
DG-East Trail 2
DG-2B
DG-3B
DG-3A
DG-East Trail 1

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



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2018-047 Devil's Gate Sediment Removal Project

Scale in Feet
0 450

Photo Source: ECORP 2023, NAIP 2022
[1] LADPW

Map Date: 5/24/2024

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\restoration\analysis\2020-09-15 Restoration_Grading\DG_Restoration_Phasing_20240523.mxd (MAG)-mguidry 6/4/2024

3.2 Grading and Recontouring

Minor grading and recontouring for Phase 3 were conducted in the DG-4 WOUS and DG-4 WOUS Connections mitigation areas. The activities were conducted according to the Final Design Plans for the Project (Design Plans) dated September 29, 2020 (ECORP 2020). The purpose of the grading and recontouring was to create new low flowing channels and topography to support the hydrology needed to sustain riparian habitats. In addition, repairs were made to the Side Slopes in areas where erosion was present. Equipment used during grading, recontouring, and erosion repairs included excavators, backhoes, bulldozers, water trucks, and various hand tools. Biological monitors were present during all grading and recontouring activities to ensure the Design Plans were followed and to minimize disturbance to biological resources.

3.3 Seeding

Upon completion of the initial weed abatement effort, the initial seeding process, which consisted of broadcast seeding and hydroseeding, commenced on March 31, 2022. Due to timing and access constraints, all of the Phase 3 mitigation areas could not be seeded during the initial effort. Follow-up seeding for the Phase 3 areas commenced on November 21, 2023. Seed materials used for the Project were procured from S&S Seeds Inc. and only seed materials collected within the acceptable geographic regions described in Section 4.9 of the HRP was used. Broadcast seeding was completed using hand-crank spreaders or simply by-hand. Seed was applied evenly throughout each mitigation area and incorporated into the soil to a depth of approximately 0.5 inches using metal hand rakes. Hydroseeding consisted of a one-step hydraulic application of a slurry mixture containing water, organic soil stabilizer, cellulose wood fiber, and seed. Per the HRP, fertilizer was not added to the hydroseed mix. To the extent possible, seed was applied during the fall, winter, or other periods when sufficient rainfall was expected to occur. It should be noted that additional species were added to the seed mix for increased erosion control and/or to replace species not available at the time of seeding.

Table 1. Summary of Seeding

Scientific Name	Common Name	PLS Lbs./Acre per HRP[1]	PLS Lbs./Acre Applied
Ambrosia psilostachya	western ragweed	4	4
Artemisia douglasiana	mugwort	4	4
Elymus triticoides	beardless wild rye	4	4
Urtica dioica ssp. *holosericea*	hoary nettle	4	4
Achillea millefolium	yarrow	1	1
Artemisia dracunculus	tarragon	1	1
Bromus carinatus	California brome	1	1
Calystegia macrostegia ssp. *intermedia*	south coast morning glory	0.5	0.5
Cirsium occidentale	western thistle	1	1

Table 1. Summary of Seeding

Scientific Name	Common Name	PLS Lbs./Acre per HRP[1]	PLS Lbs./Acre Applied
Elymus condensatus	giant wild rye	1	1
Epilobium canum	California fuchsia	0.5	Not Available[2]
Epilobium ciliatum	slender willow herb	N/A	Not Available[2]
Eriodictyon parryi	poodle-dog bush	0.5	Not Available[2]
Eriodictyon crassifolium	thickleaf yerba santa	N/A	Not Available[2]
Eschscholzia californica	California poppy	0.5	0.5
Galium aparine	Cleavers	0.5	Not Available[2]
Gutierrezia californica	matchweed	0.5	0.5
Lupinus bicolor	bicolored lupine	0.5	0.5
Lupinus truncata	blunt-leaved lupine	0.5	Not Available[2]
Monardella breweri ssp. *lanceolata*	mustang mint	0.5	Not Available[2]
Phacelia cicutaria	caterpillar phacelia	0.5	0.5
Phacelia distans	common phacelia	0.5	0.5
Phacelia minor	wild Canterbury bells	0.5	0.5
Phacelia parryi	Parry's phacelia	0.5	0.5
Marah macrocarpa	chilicothe	0.5	0.5
Pseudognaphalium californicum	California everlasting	0.5	0.5
Rumex hymenosepalus	wild rhubarb	0.5	Not Available[2]
Vitis girdiana	Southern wild grape	1	Not Available[2]
Mulefat Thickets Seed Mix Total		**30.0**	**26.0**
Anemopsis californica	yerba mansa	3	3
Artemisia douglasiana	mugwort	5	5
Cyperus eragrostis	tall flatsedge	3	3
Elymus triticoides	beardless wild rye	2	2
Urtica dioica ssp. *holosericea*	hoary nettle	3	3
Achillea millefolium	yarrow	1	1
Artemisia dracunculus	tarragon	1	1
Baccharis pilularis[3]	Coyote brush	N/A	1
Bromus carinatus	California brome	1	1
Calystegia macrostegia ssp. *intermedia*	south coast morning glory	0.5	0.5
Cirsium occidentale	western thistle	1	1

Table 1. Summary of Seeding

Scientific Name	Common Name	PLS Lbs./Acre per HRP[1]	PLS Lbs./Acre Applied
Elymus condensatus	giant wild rye	1	1
Epilobium canum	California fuchsia	0.5	Not Available[2]
Eriodictyon parryi	poodle-dog bush	0.5	Not Available[2]
Eschscholzia californica	California poppy	0.5	0.5
Galium aparine	Cleavers	0.5	Not Available[2]
Gutierrezia californica	matchweed	0.5	0.5
Lupinus bicolor	bicolored lupine	0.5	0.5
Lupinus truncata	blunt-leaved lupine	0.5	Not Available[2]
Monardella breweri ssp. *lanceolata*	mustang mint	0.5	Not Available[2]
Phacelia cicutaria	caterpillar phacelia	0.5	0.5
Phacelia distans	common phacelia	0.5	0.5
Phacelia minor	wild Canterbury bells	0.5	0.5
Phacelia parryi	Parry's phacelia	0.5	0.5
Marah macrocarpa	chilicothe	0.5	0.5
Pseudognaphalium californicum	California everlasting	0.5	0.5
Rumex hymenosepalus	wild rhubarb	0.5	Not Available[2]
Vitis girdiana	Southern wild grape	1	Not Available[2]
Black Willow Thickets Seed Mix Total		**30.0**	**26.5**
Achillea millefolium[3]	yarrow	N/A	2
Acmispon glaber	deerweed	2	2
Artemisia californica	California sagebrush	2	2
Baccharis pilularis[3]	coyote brush	N/A	1
Baccharis salicifolia	Mulefat	2	2
Croton californicus	California croton	2	2
Elymus triticoides[3]	beardless wild rye	N/A	3
Eriodictyon trichocalyx	hairy yerba santa	2	Not Available[2]
Eriogonum fasciculatum	California buckwheat	4	4
Eriogonum gracile	slender buckwheat	5	5
Gutterrizia microcephala	threadleaf snakeweed	3	Not Available[2]
Lepidospartum squamatum	scalebroom	3	3
Salvia mellifera	black sage	3	3

Table 1. Summary of Seeding			
Scientific Name	**Common Name**	**PLS Lbs./Acre per HRP[1]**	**PLS Lbs./Acre Applied**
Senecio flaccidus	threadleaf ragwort	2	2
Scale Broom Scrub/Mulefat Scrub Seed Mix Totals		**30.0**	**31.0**
Acmispon glaber	deerweed	8	8
Artemisia californica	California sagebrush	3	3
Eriogonum gracile	slender buckwheat	5	5
Gutterrizia microcephala	threadleaf snakeweed	2	Not Available[2]
Elymus condensatus	giant wild rye	6	Not Available[2]
Lupinus bicolor	miniature lupine	4	4
Stipa lepida	foothill needlegrass	3	3
California Sagebrush Scrub/California Buckwheat Scrub Seed Mix Totals		**31.0**	**23.0**

[1]HRP – Habitat Restoration Plan
[2]Not Available – Was not available for purchase from seed vendor.
[3]Species added to seed mix for erosion control or as substitute.
PLS – Pure Live Seed
Lbs. – Pounds
N/A – Not Applicable

3.4 Container Plant Installation

The container plant installation process commenced on August 10, 2022 and was completed on April 28, 2023. Container plants used for the Project were procured from California Botanic Garden; stakes and cuttings were collected in the vicinity of the Project area along the Arroyo Seco. Only container plants grown from seed collected within the acceptable geographic regions described in Section 4.9 of the HRP were used. Prior to installation, all plant material was inspected by the Restoration Ecologist (RE) to ensure that container stock was healthy and did not show signs of having pests or disease. Container stock determined to be in poor condition was rejected by the RE.

Container plant installation followed the methods described in Section 4.11 of the HRP. Container plants were planted using standard horticultural practices. Planting holes for all container plants were dug to a width twice the size of the root ball and to a depth slightly deeper than the depth of root ball so that the root crown was one inch below grade following installation. Prior to installation, all plants were thoroughly watered in their containers and the soil in each of the planting holes was wetted with a minimum of one gallon of water. Planting holes were backfilled with native soil and irrigation basins were formed around the base of each planting. Basins were constructed to be a minimum of two feet wide and with a ridge no less than four inches. Rocks greater than two inches in diameter were removed to the extent possible from the backfill soil. Fertilizer was not added to the backfill. Soil was tamped-in by hand to collapse air pockets in the backfill. All container plants were irrigated with a minimum of one gallon of water immediately following installation and basin creation. Container plants were planted in ecologically

appropriate locations throughout the site and as directed by the RE. Table 2 provides a summary of the species and numbers of container plants installed during Phase 3.

Table 2. Summary of Container and Stake Planting

Scientific Name	Common Name	DG-4 WOUS	DG-4 WOUS Connections	DG-4A	Tire Wash	Total
Artemisia douglasiana	Mugwort	192	21	537	0	750
Baccharis pilularis	Coyote bush	192	21	537	0	750
Baccharis salicifolia	Mulefat (stakes)	506	55	1,414	0	1,975
Populus fremontii	Fremont's cottonwood	192	21	537	0	750
Rosa californica	California rose	192	21	537	0	750
Rubus ursinus	California blackberry	192	21	537	0	750
Salix gooddingii	Black willow (stakes)	383	42	1,071	0	1,496
Salix lasiolepis	Arroyo willow (stakes)	383	42	1,071	0	1,496
Sambucus mexicana	Mexican elderberry	96	10	268	0	374
Acmispon glaber	Deerweed	0	0	0	9	9
Artemisia californica	California sagebrush	0	0	0	24	24
Encelia californica	California brittlebush	0	0	0	10	10
Eriogonum fasciculatum	California buckwheat	0	0	0	24	24
Isocoma menziesii	Menzie's goldenbush	0	0	0	5	5
Salvia mellifera	Black sage	0	0	0	9	9
	Total	**2,328**	**254**	**6,509**	**81**	**9,172**

4.0 COMPLIANCE WITH HABITAT RESTORATION PLAN

4.1 Photo Documentation

Digital photographs were taken during key steps of the implementation process. Relevant photos are provided in Appendix B.

During the implementation process, few deviations from the HRP were required. Minor deviations, including species substitutions to the seed mix and planting and seeding outside of the fall and winter seasons did occur. All substitutions to the seed mix were approved by the RE prior to being used for the restoration effort and seeding outside of the fall and winter months only occurred when sufficient rainfall was forecasted or when supplemental irrigation could be applied. Certain species were not available when

the seed order was placed; however, the HRP discusses the fact that not all of the species may be available at the time of implementation. It should also be noted that minor deviations to the mitigation area acreages occurred. Table 3 provides a summary of the Phase 3 mitigation areas, associated acreages, and associated vegetation communities. The table includes both the acres of the mitigation areas without the easements and the total acres in each of the mitigation areas including the easements.

Table 3. Summary of Phase 3 Mitigation Areas

Site	Target Vegetation Type	Mitigation Method	Acreage Included in Phase 3	Total Acreage
DG-4 WOUS	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Woodland Alliance	Restoration	1.735	1.735
DG-4 WOUS Connections	*Salix gooddingii* Woodland Alliance	Creation	0.170	0.170
DG-4A	*Salix gooddingii* Woodland Alliance *Baccharis salicifolia* Woodland Alliance	Creation	5.334	5.334
Tire Wash	*Artemisia californica* Shrubland Alliance/*Eriogonum fasciculatum* Shrubland Alliance	Restoration	0.155	0.155
Flint Wash	*Baccharis salicifolia Shrubland Alliance*	Enhancement	1.322	1.322
Side Slopes	*Lepidospartum squamatum Shrubland Alliance/Baccharis salicifolia Shrubland Alliance*	Enhancement	6.274	7.843[1]
		TOTAL	**14.990**	**16.559**

[1]Portions of the Side Slopes not included in Phase 3 of restoration will be included during future phases.

5.0 IMPLEMENTATION ACCEPTANCE

The Phase 3 mitigation sites will be maintained and monitored for a period of five years, or until the performance standards outlined in the HRP are achieved and CDFW determines the site is successful. Habitat restoration implementation for Phase 3 of the Project was completed on January 5, 2024; therefore, the five-year maintenance and monitoring period for Phase 3 commenced on January 5, 2024 and the assumed end dates will be January 5, 2029. Per the HRP, a total of 14.98 acres of onsite mitigation has been installed (easements were planted and seeded but do not count towards mitigation) and will be monitored until the areas meet the performance standards to achieve the mitigation requirement for the Phase 3 restoration areas. It should be noted that the acreage of the mitigation areas may be updated following the approval of the LSAA amendment that is currently in progress.

6.0 REFERENCES

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. 2020. *Devil's Gate Reservoir Restoration Project Final Design Plans*.

ECORP Consulting, Inc. 2018. *Devil's Gate Sediment Removal and Management Project Final Habitat Restoration Plan*.

LIST OF APPENDICES

Appendix A – Streambed Alteration Agreement No. 1600-2015-0263-R5

Appendix B – Photo Documentation

APPENDIX A

Streambed Alteration Agreement No. 1600-2015-0263-R5

California Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
South Coast Region
3883 Ruffin Road
San Diego, CA 92123
(858) 636-3160
www.wildlife.ca.gov

EDMUND G. BROWN, Jr., Governor
CHARLTON H. BONHAM, Director

March 21, 2017

Christopher Stone
Los Angeles County Flood Control District
900 S. Freemont Ave.
Alhambra, CA 90803
cstone@dpw.lacounty.ca.gov

Dear Mr. Stone:

Final Lake or Streambed Alteration Agreement, Notification No. 1600-2015-0263-R5, Devil's Gate Dam Sediment Removal and Management Project

Enclosed is the final Lake and Streambed Alteration Agreement (Agreement) for the Devil's Gate Dam Sediment Removal and Management Project (Project). Before the California Department of Fish and Wildlife (CDFW) may issue an Agreement, it must comply with the California Environmental Quality Act (CEQA). In this case, CDFW acting as a responsible agency filed a Notice of Determination (NOD) within five working days of signing the Agreement. The NOD was based on information contained in the Final Environmental Impact Report, dated October 2014, prepared by the lead agency.

Under CEQA, the filing of an NOD triggers a 30-day statute of limitations period during which an interested party may challenge the filing agency's approval of the Project. You may begin the Project before the statute of limitations expires if you have obtained all necessary local, state, and federal permits or other authorizations. However, if you elect to do so, it will be at your own risk.

If you have any questions regarding this letter, please contact Mr. Matt Chirdon, Senior Environmental Scientist at (805) 640-1165 or by email at matthew.chirdon@wildlife.ca.gov.

Sincerely,

Betty J Courtney

Betty Courtney
Environmental Program Manager

Cc: Grace Yu, LACFCD mailto:gyu@dpw.lacounty.ca.gov

CALIFORNIA DEPARTMENT OF FISH AND WILDLIFE
SOUTH COAST REGION 5
3883 RUFFIN ROAD
SAN DIEGO, CALIFORNIA 92123

LAKE and STREAMBED ALTERATION AGREEMENT
NOTIFICATION NO. 1600-2015-0263-R5
Arroyo Seco Tributary to Los Angeles River

LOS ANGELES COUNTY FLOOD CONTROL DISTRICT
DEVIL'S GATE DAM AND RESERVOIR SEDIMENT REMOVAL PROJECT

This Lake and Streambed Alteration Agreement (Agreement) is entered into between the California Department of Fish and Wildlife (CDFW) and Los Angeles County Flood Control District (Permittee) as represented by Christopher Stone.

RECITALS

WHEREAS, pursuant to Fish and Game Code (FGC) section 1602, Permittee notified CDFW on December 11, 2015, that Permittee intends to complete the project described herein.

WHEREAS, pursuant to FGC section 1603, CDFW has determined that the project could substantially adversely affect existing fish or wildlife resources and has included measures in the Agreement necessary to protect those resources.

WHEREAS, Permittee has reviewed the Agreement and accepts its terms and conditions, including the measures to protect fish and wildlife resources.

NOW THEREFORE, Permittee agrees to complete the project in accordance with the Agreement.

PROJECT LOCATION

The project is located within Devil's Gate Dam and on the Arroyo Seco, the Permittee's flood control reservoir, a tributary to the Los Angeles River, in the County of Los Angeles, State of California; Latitude 34.185747, Longitude 118.175487. The Project is located in the City of Pasadena, northwest of the intersection of Oak Grove Dr. and Windsor Avenue (Thomas Guide Page 535, E6: Pasadena. U.S. Geological Survey (USGS) map [Pasadena], base and meridian San Bernardino; Assessor's Parcel Number(s) (5823004900, 5823003909, 5823003907, 5823003910, 5823015902, and 582301490).

PROJECT DESCRIPTION

Definitions. The following definitions shall govern this Agreement.

Non-native vegetation. Generally treated in this Agreement as semi-natural stands as described in the Manual of California Vegetation 2nd edition(MCV)[1], but some assemblages of non-native plants present within project area may not be presently defined in the MCV. These semi-natural stands can occur across a variety of environmental settings and are characterized by dominate cover of non-native, invasive, noxious, and/or nuisance plant species. The amount of non-native vegetation observed as part of relative cover will vary depending on whether observed vegetation is a woodland, shrubland, or grassland stand, but for purposes of this Agreement native vegetation will not contribute greater than 20 percent relative cover to the stand.

Perennial Woody Vegetation. Defined as an above ground stem consisting of hardened, thickened, vascular tissue (xylem) under the bark (tough tissue (including phloem)) covering the wood (hardened xylem) of subshrubs, shrubs, or trees. The stem typically has buds that survive the dormant season (winter) completing life cycle (germination through death) in more than two years or growing seasons.

Adjacent. Within 500 feet.

Ground Disturbance. Activities associated with staging, access, excavation, sediment removal, grading, or disking that disturb surface of soil.

Protected Species. A species Fully Protected under State law; a species listed under the California Endangered Species Act (Fish & G. Code § 2050 et seq.) and/or Endangered Species Act (16 U.S.C. § 1531 et seq.); a species identified by CDFW as a Species of Special Concern; or any other species for which take is prohibited under State or federal law.

Suitable Habitat. Habitat where there is at least low potential that an identified Protected Species or group of Protected Species may occur.

Suitable Nesting Habitat. Habitat where there is at least low potential that nesting birds may utilize the vegetation or structures for nesting.

Initial Vegetation Removal. The first instance of removal of vegetation, native or non-native, during Initial Sediment Removal Program.

Vegetation Management. Includes subsequent removal of vegetation either during the Initial Sediment Removal Program, Routine Annual Maintenance, Episodic Maintenance, or Habitat Restoration. Activities may involve use of hand tools, mechanically operated hand tools, or heavy equipment with mowing or grapple attachments. This may include use of motor operated winches for removal of large debris.

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[1] Sawyer, J.O., T. Keeler-Wolf, and J.M. Evens.2009. *A Manual of California Vegetation.* California Native Plant Society. Sacramento, CA.

Project Start. The Project start date associated with the Sediment Removal Program where Permittee starts Initial Vegetation Removal or Ground Disturbance activities whichever occurs first.

Project Initiation. The Project start date each year where Permittee starts vegetation or ground disturbing activities whichever occurs first.

Excavation. The removal of sediment and debris from the Initial Sediment Removal Area and during Routine Annual or Episodic Maintenance using excavators or other heavy equipment to remove large volumes of sediment and debris from designated areas before graders and scrapers conduct final grading.

Days. This Agreement computes the time periods in Days in accordance with Code of Civil Procedure section 12. That section provides:" The time in which any act provided by law is to be done is computed by excluding the first day, and including the last, unless the last day is a holiday, and then it is also excluded." Saturdays and Sundays are holidays (See Code of Civ. Proc., §§ 10, 135).

Initial Sediment Removal Area. The 68.63 acre area where the initial excavation of sediment and debris will occur.

Permanent Maintenance Area. The 51.78 acre area to be maintained for flood capacity. This includes the Routine Annual Maintenance Area and the Episodic Maintenance Area.

Routine Annual Maintenance Area. The 40.80 acre area where annual maintenance of the facility will occur (see Exhibit B).

Episodic Maintenance Area. The 10.98 acre area side slope proposed at 3:1(V:H) grade (see Exhibit B). where occasional maintenance will occur. This area is within the Permanent Maintenance Area, abuts Routine Annual Maintenance Area and forms transitional habitat with Habitat Restoration Area.

Habitat Restoration Area. The 77.01 acre area in the reservoir subject to minor land alteration, vegetation management, and planting of native plants. This area is outside the Permanent Maintenance Area (See Exhibit E).

Sediment Removal Program

This phase of project is limited to the restoration of a public facility, through excavation within the 68.63 acre Initial Sediment Removal Area (see Exhibit B, Work Plan Map) and transition to long term Permanent Maintenance Area, composed of a total of 51.78 acres that consists of 40.80 acres for Routine Annual Maintenance, and 10.98 acres for Episodic Maintenance Areas for the term of this Agreement. Sediment removal will not involve expansion of use beyond that of the designed facility. The proposed initial excavation is to mechanically remove 2.4 Million Cubic Yards (MCY) of post-fire debris from the Initial Sediment Removal Area within Devil's Gate Reservoir. The location of the Initial Sediment Removal Area was selected to maximize the efficient removal of post-fire debris while at

the same time, avoid and minimize sensitive habitats and sensitive species impacts. Sediment levels behind Devil's Gate Dam will be brought down to 986 feet above mean sea level (msl) to eliminate the threat to the dam outlet works and comply with standards as set by the State Water Resources Division of Safety of Dams (DSOD). The Initial Sediment Removal Area will then slope upwards to 995 feet above msl where the basin will constrict and increase in elevation to 1,040 feet above msl, and widen again to meet final elevation of 1,060 feet above msl approximately 4,700 linear feet upstream from the dam. Devil's Gate Reservoir is routinely drained after every storm; therefore, it will not be necessary to drain the facility for non-routine activities.

The Initial Sediment Removal Area will be accessed via a new maintenance road to the east of the reservoir. Trucks will access this maintenance road directly from Oak Grove Drive. The access road will have a total width of 16 feet and paved with asphalt or concrete for 250 linear feet. Once the access road reaches the reservoir bottom the access road will end and construction vehicles may access areas necessary for vegetation and sediment removal before exiting by western leg of access road constructed from the reservoir inlet to (see Exhibit A) an existing dirt access road to the west of the dam off of Oak Grove Drive that will be widened for its entire length to a width of 16 feet. In addition, this western access road will be paved with asphalt or concrete for 250 linear feet south of the West Rim Trail to Oak Grove Drive to accommodate construction vehicles.

The reservoir will be drained of water prior to the start of Initial Sediment Removal Area activities. Excavation[2] and off-site removal of sediment will only occur during dry period of the year Monday through Friday from April 15 until December 31 barring storm events. If surface water inflows are present during period of excavation a Surface Water Diversion Plan will be provided to CDFW (see Condition 2.27).

The 2.4 MCY of sediment and debris in the 68.63 acres Initial Sediment Removal Area includes established native and non-native vegetation that will be removed. Vegetation and organic debris will be separated from the sediment and hauled to Scholl Canyon Landfill in the City of Glendale. Project Start is estimated to take place in the Fall of 2017. In subsequent years of sediment removal vegetation and organic debris will be hauled to Scholl Canyon Landfill.

Construction equipment will include, but not limited to, mechanical equipment such as front loaders with four-yard buckets, bulldozers, excavator, grader, water truck, and tender trucks. Vehicles expected to be used for sediment removal are double dump trucks with 18 cubic yard (CY) capacity or equivalent.

Permanent Maintenance Program
Once excavation is complete for this project, annual maintenance of the facility will occur within the 40.80 acre Routine Annual Maintenance Area (see Exhibit B). Vegetation management and sediment removal within the 40.80 acre Routine Annual Maintenance Area will occur for the life of this Agreement. Excavation over the lifetime of the project within the 40.80 acre Routine Annual Maintenance Area will be hauled to disposal sites previously authorized by Permittee (see Figures

[2] Excavation involving no off site hauling of vegetation and sediment will be confined to April 15 to December 31 Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time.

2.5-2,-3-4 from Final Environmental Impact Report). Trucks hauling sediment will access the reservoir from an existing maintenance road east of Devil's Gate Dam and exit via a proposed upgraded access road on the western edge of Devil's Gate Dam that will exit on to Oak Grove Drive (see Exhibit A). Vegetation within the Routine Annual Maintenance Area will be mowed or grubbed annually over a 2 to 12 week period in late summer or early fall.

Episodic Maintenance within the 10.98 acre (horizontal projection) Episodic Maintenance Area will initially include planting with appropriate native plants and thereafter annual undesirable plant control (using herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches). In the event of a large debris flow or hyper concentrated flood[3] Episodic Maintenance would involve the need for sediment excavation/trucking off site. The types of equipment involved in excavation may include those similar to the initial sediment removal phase including, but not limited to, front loaders with four-yard buckets, bulldozers, excavator, grader, water truck, and tender trucks. Vehicles expected to be used for sediment hauling include double dump trucks with an 18 cubic yard (CY) capacity or equivalent.

After Episodic Maintenance the side slopes would be returned to the proposed 3:1(V:H) grade, and the 10.98 acre area will be subject to the continuing annual undesirable plant control. Because this area is restricted from a general right of public access, and will be subject to undesirable plant control, it is anticipated to be revegetated naturally after periodic large debris flow or hyper concentrated floods.

The 77.01 acres of habitat in the reservoir, referred to as the Habitat Restoration Area will not be impacted for Permanent Maintenance Program activities, but would be subject to on-going restoration as identified in approved Habitat Restoration and Management Plans (see Conditions 3.9 and 3.10) for the site. Activities proposed include minor surface alteration of the land, vegetation management, and application of herbicides.

Restoration Activities
Pursuant to the annual Interim Measures Project (Agreement Number 1600-2006-0204-R5) the Permittee has been maintaining the access road and removing up to 25,000 CY of sediment from the upstream dam face annually and stockpiling the sediment at Johnson Field. Sediment stockpiled at Johnson Field from the Interim Measures Project activities will be removed and hauled offsite. After the removal of sediment, Johnson Field will be restored to support riparian habitat as part of a Habitat Restoration Plan (see Exhibit E and Condition 3.9).

The 77.01 acres of habitat in the reservoir, referred to as the Habitat Restoration Area (see above), will be subject to minor surface alteration of the land, vegetation management, and application of herbicides to be approved in Habitat Restoration and Management Plans (see Conditions 3.9 and 3.10 for the site).

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[3] **Debris flow:** A mix of water and debris, which may include particles ranging in size from clay to boulders and may contain woody debris and other materials, that flows down a stream channel or steep slope, sometimes at great velocity, and contains more than 60 percent debris (less than 40 percent water) by volume.
Hyper-concentrated flood: A moving mixture of sediment and water containing between 20 and 60 percent sediment by volume.

PROJECT IMPACTS

Existing fish or wildlife resources the project could substantially adversely affect include:

Amphibians. western toad (*Bufo boreas*), California treefrog (*Hyla cadaverina*), Sierra Madre yellow-legged frog (*Rana muscosa*);

Reptiles: Common side-blotch lizard (*Uta stansburiana*), western fence lizard (*Sceloporus occidentalis*), two- striped garter snake (*Thamnophis hammondii*), coast range newt (*Taricha tarosa tarosa*), western pond turtle (*Actinemys marmorata*), coastal western whiptail (*Aspidoscelis tigris stejnegeri*); coast patch-nosed snake (*Salvodora* hexalepis);

Birds: burrowing owl (*Athene cunicularia*), southwestern willow flycatcher (*Empidonax traillii extimus*), California quail (*Callipepla californica*), snowy egret (*Egretta thula*), Cooper's hawk (*Accipiter cooperii*), red-shouldered hawk (*Buteo lineatus*), red-tailed hawk (*Buteo jamaicensis*), killdeer (*Charadrius vociferous*),rock pigeon (*Columba livia*), mourning dove (*Zenaida macroura*), white-throated swift (*Aeronautes saxatilis*), yellow warbler (*Dendroica petechia*), yellow-breasted chat (*Icteria virens)*, loggerhead shrike (*Lanius ludovicianus*) least Bell's vireo (*Vireo bellii pusillus*), belted kingfisher (*Megaceryle alcyon)* American kestrel (*Falco sparverius*), Bewick's wren (*Thryomanes bewickii*), swallows (*Hirundinidae*), sparrows (*Emberizidae*), finches (*Fringillidae*), wood warblers (*Parulidae*) and numerous other bird species;

Mammals: pallid bat (*Antrozous pallidus*), western mastiff bat (*Eumops perotis californicus*), western yellow bat (*Lasiurus xanthinus*), southern grasshopper mouse (*Onchomys torridus ramona*), American badger (*Taxidea taxus*), coyote (*Canis latrans*), bobcat (*Lynx rufus*), desert cottontail (*Sylvilagus audubonii*), striped skunk (*Mephitis mephitis*), western gray squirrel (*Sciurus griseus*), California ground squirrel (*Spermophilus beecheyi*), grey fox (*Urocyon cinereoargenteus*); and,

Native Plants: Nevin's barberry (*Berberis nevinii*), Plummer's mariposa lily (*Calochortus plummerae*), Greata's aster (*Symphyotrichum gretae*), Parry's spineflower (*Chorizanthe parryi var. parryi*), slender-horned spineflower (*Dodecahema leptoceras*), mesa horkelia (*Horkelia cuneata ssp. puberula*), white rabbit-tobacco (*Pseudognaphalium leucocephalum*), Parish's gooseberry (*Ribes divaricatum var. parishii*), black willow thickets, mulefat thickets, riparian herbaceous, coast live oak woodland, scale broom scrub, and all other aquatic and wildlife resources in the area, including the riparian vegetation which provides habitat for such species in the area. These resources are further detailed and more particularly described in the document(s): "Devil's Gate Reservoir Sediment Removal and Management Project Final Environmental Impact Report " dated October 2014, prepared for Los Angeles County of Department of Public Works by Chambers Group; "Lake and Streambed Alteration Notification Package – Devil's Gate Dam and Reservoir Sediment Removal Project" dated December 11, 2015, prepared for CDFW by Permittee complete with all attachments and exhibits, Revised vegetation mapping and impact analysis for Devil's Gate Dam and Sediment Removal Project dated May 19, 2016 by ECORP Consulting, Inc., revised assessment of temporary impact areas and incorporation of Episodic Maintenance area dated May 5, 2016.

Project Impacts
The adverse effects the project could have on the fish or wildlife resources identified above include a total of 68.63 acres subject to Department jurisdiction to implement the Initial Sediment Removal. After Initial Sediment Removal 51.78 acres will be maintained for flood capacity through Routine Annual Maintenance and Episodic Maintenance (see above). Additionally, in order to implement compensatory mitigation for the project, 77.01 acres subject to the Department's jurisdiction outside the Permanent Maintenance Area, will be subject to minor surface alteration of the land, vegetation management, and application of herbicides. The following impacts would occur to vegetation communities within the 68.63 acres necessary for Initial Sediment Removal.

Total Permanent Project Impacts
Permanent impacts to 40.80 acres of vegetation communities and land cover classifications from initial sediment removal include the removal of 16.27 acres of *Salix gooddingii* Alliance (black willow thickets), 1.82 acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), 8.03 acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), 9.88 acre *Lepidium latifolium-Conium maculatum* herbaceous semi-natural stand, 2.45 acre *Conium maculatum* herbaceous semi-natural stand, 2.33 acres non-native or disturbed (including 1.0 acre *Xanthium strumarium* herbaceous stand, 1.33 acres disturbed (trails/barren/IMP Area), 0.02 acre *Artemisia californica-Eriogonum fasciculatum* California sagebrush-California buckwheat scrub. Additionally, there are expected permanent impacts to individual California live oak trees (*Quercus agrifolia*) that vary from direct impacts, resulting in complete removal to a limited number of individual trees, and indirect impacts to individual oaks that are currently undetermined. The number of oaks subject to complete removal and indirect impact are undetermined at this time because the area's hilly topography may not result in any significant effect or project disturbance may be avoided all together based on project design modifications made from incorporating avoidance of oak trees identified in project tree monitoring report required prior to Project Start.

Total Temporary Project Impacts
Temporary impacts to 27.83 acres subject to Department jurisdiction consisting of vegetation communities and land cover classifications will occur from Initial Sediment Removal, worksite access, and installation of side-slopes in Episodic Maintenance Area. These areas contain 12.70 acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), 5.89 acres of *Salix gooddingii* Alliance (black willow thickets), 3.41acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), 1.97 acres disturbed (trails/barren/IMP Area), 1.24 acre *Lepidium latifolium-Conium maculatum* herbaceous semi-natural stand, 1.70 acres *Conium maculatum* herbaceous semi-natural stand, 0.50 acre *Xanthium strumarium* herbaceous stand, 0.27 acre *Quercus agrifolia* coast live oak (trees), 0.07 acre *Eucalyptus (globulus, camaldulensis)* Semi-natural stand, 0.08 acre *Artemisia californica-Eriogonum fasciculatum* California sagebrush-California buckwheat scrub.

MEASURES TO PROTECT FISH AND WILDLIFE RESOURCES

1. Administrative Measures
Permittee shall meet each administrative requirement described below.

1.1 Documentation at Project Site. Permittee shall make the Agreement, any extensions and amendments to the Agreement, and all related notification materials and California Environmental Quality Act (CEQA) documents, readily available at the project site at all times and shall be presented to CDFW personnel, or personnel from another state, federal, or local agency upon request.

1.2 Providing Agreement to Persons at Project Site. Permittee shall provide copies of the Agreement and any extensions and amendments to the Agreement to all persons who will be working on the Project at the project site on behalf of Permittee, including but not limited to contractors, subcontractors, inspectors, and monitors.

1.3 Notification of Conflicting Provisions. Permittee shall notify CDFW if Permittee determines or learns that a provision in the Agreement might conflict with a provision imposed on the project by another local, state, or federal agency. In that event, CDFW shall contact Permittee to resolve any conflict.

1.4 Project Site Entry. Permittee agrees that CDFW personnel may enter the project site at any time to verify compliance with the Agreement.

1.5 Payment of Outstanding Fees.

a. California Code of Regulations, Title 14, section 699.5, establishes fees for each maintenance project. Fees applicable to activities undertaken pursuant to this Agreement will be those currently in effect at the time of the activity. The 2015 paid fees include a $2,947.50 base fee for a long term routine maintenance agreement and $ 4,912.25 for separate Sediment Removal Program (defined in Project Description).

b. The annual per project fee for each routine maintenance year (July 1 to June 30) shall be paid by August 1 of the following routine maintenance year for work performed the previous routine maintenance year. For example, the annual per project fee for maintenance year July 1, 2017 to June 30, 2018 will be paid by August 1, 2018.

1.6 Project Initiation and Completion. The Permittee shall notify CDFW, by e-mail at R5LSAcompliance@wildlife.ca.gov, at least five (5) days prior to Project Initiation (see Definitions) and at least five (5) days prior to completion of construction (project) activities, each time project activities occur. Notification shall be sent to CDFW's South Coast Office at the address above, ATTN: Streambed Alteration Program – SAA # 1600-2015-0263-R5 or to R5LSACompliance@wildlife.ca.gov.

1.7 Implement as Proposed Unless Directed Differently by Agreement. The agreed work includes activities associated with the Project Location and Project Description that is provided above. Specific work areas and mitigation measures are described on/in the plans and documents submitted by the Permittee with the Notification Package, including, and shall be implemented as proposed unless directed differently by this Agreement.

1.8 Designated Biologist(s). The Permittee shall submit to CDFW for its review and approval a list of biological monitors (Designated Biologists) including their names, qualifications, business address, contact information, and the proposed disciplines/species for which they are proposed to provide monitoring. CDFW will respond in written format with concurrence as to the disciplines the Designated Biologists are approved to handle (birds, construction monitoring, fish, plants, mammals). The Designated Biologist shall be knowledgeable and experienced in the biology and natural history of local fish and wildlife resources present at the project site. The Designated Biologist shall be responsible for monitoring at specifically designated locations and conducting other project activities, including, but not limited to, preconstruction surveys.

1.9 Designated Biologist Authority. The Designated Biologist shall have the responsibility to concurrently notify the Permittee and CDFW of any activity that is not in compliance with this Agreement, and/or to recommend to Permittee any reasonable measure to avoid or minimize impacts to fish and wildlife resources. Neither the Designated Biologist nor CDFW shall be liable for any costs incurred as a result of compliance with this measure. This includes cease-work orders issued by CDFW.

1.10 Permitting and Safeguards. Permittee's notification for this Agreement indicated permits/certification were applied for from the Army Corps of Engineers and the Regional Water Quality Control Board, for this project, should such permits/certification be required, a copy shall be submitted to CDFW.

2. Avoidance and Minimization Measures

To avoid or minimize adverse impacts to fish and wildlife resources identified above, Permittee shall implement each measure listed below.

2.1 Work Period. Initial Vegetation Removal work within the Initial Sediment Removal Area shall be confined to the period starting September 15 to February 1, in the year(s) of 2017 to 2019, unless otherwise requested by Permittee and approved by CDFW in writing. Excavation shall be confined to April 15 to December 31 Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time. Routine Annual Maintenance or Episodic Maintenance work involving vegetation management and/or excavation is specifically addressed in Conditions 2.40 to 2.72 below.

2.2 Conditional Work during Rainfall Event. No Excavation work shall occur during an anticipated rainfall event. For purposes of this Agreement, "rainfall event" means events producing more than ¼ inch per 24 hour period. No Excavation work shall occur during a dry-out period of 24 hours after a rainfall event. Permittee shall monitor the National Weather Service (NWS) 72-hr forecast for the project area. All erosion control measures shall be initiated prior to all rainfall events.

2.3 General Preconstruction Survey. Prior to Project Start a Designated Biologist shall conduct a preconstruction survey no more than three (3) days and no less than one (1) day before proposed activities for the presence of fish, wildlife, or plants within the Initial Sediment Removal

Area and adjacent areas with accessible Suitable Habitat and establish protective measures in accordance with other conditions of the Agreement hereunder.

2.4 Leave Wildlife Unharmed. If any Protected Species (see Condition 2.8) are encountered and do not passively relocate, the Permittee shall contact CDFW immediately or proceed as described in Incidental Take Permits or Protected Species Plan that may authorize impacts or relocation (see Conditions 2.9 and 2.10). To greatest extent practicable, if any non-protected wildlife is encountered during the course of project (as defined in Project Description), said wildlife shall be allowed to leave the construction area unharmed including relocation by a Designated Biologist.

2.5 Movement of Terrestrial Species. To the greatest extent practical, any newly constructed structure including but not limited to temporary and permanent fencing, shall be designed, constructed and maintained such that it does not constitute a barrier to movement of wildlife unless intended to be wildlife exclusionary fencing. This includes but is not limited to the ingress and egress of wildlife across, under, over, and around structures. If any aspect of the proposed project results in a long term reduction of wildlife movement, the Permittee shall be responsible for all future activities and expenditures necessary, as determined by CDFW, to secure passage of wildlife across, under, over, and around the structure.

2.6 Bypass Flow Required. When conducting activities authorized by this Agreement, the Permittee shall allow sufficient water at all times to bypass dam to downstream reaches to maintain aquatic life below the Dam.. This bypass requirement shall not apply during periods when Dam operation is necessary to regulate flows to prevent downstream flooding. If Permittee desires a change in the operation of the Dam from the abovementioned operation, then Permittee shall request and receive an approved amendment to this Agreement.

2.7 Limitations on Authorization for Water Use. This agreement does not authorize any diversion or use of water. All facilities that the Permittee owns, operates, or controls shall be operated and maintained in accordance with current law and applicable water rights.

Biological Resources

2.8 Protected Species Defined. This Agreement does not authorize take, incidental or otherwise, of any protected species. For the purpose of this Agreement, "protected species" means the following: a species fully protected under state law; a species listed under the California Endangered Species Act (Fish & G. Code § 2050 et seq.) and/or Endangered Species Act (16 U.S.C. § 1531 et seq.); a species identified by CDFW as a species of special concern; or any other species for which take is prohibited under state or federal law.

2.9 CESA Listed Species Exception. This Agreement does not authorize take for least Bell's vireo, southwestern willow flycatcher, or other species listed under CESA. Prior to removing, trimming, brushing, or damaging vegetation in the stream zone in areas containing habitat suitable for CESA-listed species, the Permittee shall consult with CDFW in accordance with the procedures described in CESA (Fish & G. Code § 2080 *et seq.*). Minimization measures pertaining to least

Bell's vireo and Southwestern willow flycatcher are addressed in CESA Incidental Take Permit number 2081-2016-031-05.

2.10 Protected Species Avoidance and Minimization Measures. 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. The survey technique shall be approved by CDFW in writing. CDFW will provide written response within no more than 18 days of Permittee submittal. The biologist shall have all required permits.

a. Protected Species Plan. The Permittee shall submit to CDFW for its review and approval a Protected Species Plan for the species listed in Table 1.0 below. Permittee shall receive written approval (email, letter, or fax) prior to Project Initiation. 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.

Table 1.0: List of Protected Species to be addressed in Protected Species Plan.

Common name	Scientific name
slender-horned spineflower	(*Dodecahema leptoceras*)
two- striped garter snake	(*Thamnophis hammondii*)
coast range newt	(*Taricha tarosa tarosa*)
southwestern pond turtle	(*Actinemys marmorata*)
burrowing owl	(*Athene cunicularia)*
yellow warbler	(*Dendroica petechia*)
pallid bat	(*Antrozous pallidus*)
western mastiff bat	(*Eumops perotis californicus*)
western yellow bat	(*Lasiurus xanthinus*)
Coast patch-nosed snake	(*Salvadora hexalepis)*
southwestern willow flycatcher	*(Empidonax traillii extimus)*
Least Bell's vireo	*(Vireo bellii pusillus)*
Yellow-breasted chat	*(Icteria virens*)
Loggerhead shrike	(*Lanius ludovicianus*)

b. Dead or Injured Protected Species. Any dead or injured protected species found along roads or in project areas shall be reported to CDFW within 48 hours. The biologist shall report the location, cause of death, species found, and any other relevant information.

c. Seasonal and Other Restrictions. The Permittee shall not conduct any vegetation removal or ground disturbance within 1000 linear feet of least Bell's vireo or southwestern willow flycatcher habitat (see Exhibit C, LBVI suitable habitat) from March 1 through September 15 until consultation under Condition 2.9 above, is complete, and any take authorization is issued pursuant to FGC Section 2080 *et. seq*. Permittee may conduct project activities, unless

otherwise prohibited elsewhere in this Agreement, greater than 1000 linear feet of occupied or suitable least Bell's vireo or southwestern willow flycatcher species habitat from March 1 to September 15 until avoidance, minimization, and compensatory mitigation measures are authorized and distances prescribed in this Agreement are superseded. After any take authorization is issued all requirements of this Condition, 2.10 (c), shall be superseded by CESA Incidental Take Permit number 2081-2016-031-R5

d. Notification to the California Natural Diversity Database. If any Protected Species are observed in project surveys, the Designated Biologist shall have responsibility to submit a California Native Species Field Survey Form and survey map to be submitted to the Natural Diversity Database within 5 working days of the sightings. The form is available online at http://www.dfg.ca.gov/biogeodata/cnddb/. Instructions for completing and submitting the form are available at http://www.dfg.ca.gov/biogeodata/cnddb/submitting_data_to_cnddb.asp .

2.11 Inventory of Native Oak Trees. Within 90 days prior to Project Start the Permittee shall submit to the CDFW a complete inventory of native oak trees, by species and Diameter at Breast Height (DBH) that will be directly removed or have root protective zone impacted (see Condition 2.11a) by the project. The removal of oak trees that are approved by CDFW shall be conducted to be in compliance with other Conditions of this Agreement and any other federal, state, or local laws or ordinances protecting trees. Nothing in this Agreement authorizes Permittee to conduct removals in violation of existing federal, state, or local laws or ordinances protecting trees and shall be responsible for maintaining compliance with federal, state, or local laws or ordinances protecting trees. The Permittee shall replace trees that cannot be directly avoided, deemed to be in fair health, and not designated as seedling or sapling (less than 3" DBH). CDFW shall determine final replacement amounts for native oak trees based on inventory, and it shall be no less than 1:1 by acreage or greater than 1:1 if mitigated by individual tree. CDFW will review the Inventory of Trees and provide written direction on what native oak trees identified within in undeveloped areas subject to Oak Tree Root zone avoidance and monitoring (if any).

a. Oak Tree Root Avoidance. Heavy equipment shall not encroach on the root protection zone, nor shall equipment or soil be staged/stockpiled in the root protection zone. For purposes of this Agreement, the root protection zone shall be identified by a certified arborist. In cases where a certified arborist has not identified the root protection zone, the root protection zone shall extend from the dripline outward no less than 1.5 times the distance from the drip line to the trunk within undeveloped areas. Permittee shall flag root protection zones as off-limits where identified above, prior to starting work. If the oak tree is not directly removed, but the root protective zone is encroached the Permittee shall monitor pursuant to sub-measure (b) below.

b. Oak Tree Monitoring. All oak trees that have root protection zone encroached shall be monitored for survival annually for 5 years with subsequent reports in years 7 and 10. Any tree that does not survive by year 10 shall be replaced in method determined by CDFW. Replacement trees/plants shall be monitored for survival and growth requirements for 10 years after planting. Oak tree planting shall be achieved through small-sized container stock (1-to 5 gallon or liner) and/or caged acorns (3 acorns/site). Replacement oaks shall be caged for the first 5 years or until the main trunk reaches height of 10 feet.

2.12 Initial Vegetation Removal Seasonal Restrictions. The Permittee shall not conduct Initial Vegetation Removal within areas regulated by this Agreement from February 1st to September 15th to avoid impacts to bird nesting season. Pursuant to Condition 4.9, Permittee may conduct ground disturbing activities including Excavation and on-site habitat restoration between February 1st to September 15th.

2.13 Nesting Bird Avoidance and Impact Minimization. The Permittee shall not take or destroy nests (or eggs) of birds that are designated under Federal and California State laws, MBTA and FGC Section 3503, 3503.5, 3505, 3513. The Permittee in consultation with Designated Biologist shall employ bird exclusionary devices prior to February 1st and maintain through September 15th. If Excavation, on- site habitat restoration, or other ground disturbing activities must occur from February 1st through September 15th, the Designated Biologist shall begin bird nesting surveys 30 days prior to the direct or indirect disturbance of Suitable Nesting Habitat and continue the surveys on a weekly basis, with the last survey being conducted no more than three (3) days prior to the proposed ground disturbance. If Excavation, on-site habitat restoration, or other ground disturbing activities must occur from February 1st to September 15th Permittee shall implement a Nesting Bird Management Plan (see condition 4.9) to facilitate avoidance and minimization of impacts to nesting birds. The Nesting Bird Management Plan shall be submitted to CDFW for review and comment no less than 30 days before the start of Excavation, on-site habitat restoration, or other ground disturbing activities within the breeding season.

2.14 Bat Roost Avoidance and Impact Minimization. To avoid the direct loss of bats that could result from removal of trees and/or structures that may provide day or night roost habitat (e.g., in cavities or under loose bark), the Permittee shall implement the following measures for all Initial Vegetation Removal and structure removal authorized under this Agreement:

a. Permittee should avoid suitable bat roosting tree/structure removal from March 1st to September 30th to avoid impacts to bat maternity season. Trees and/or structures determined to be maternity roosts shall be left in place until the end of maternity season or until Designated Biologist verifies no pregnant females and young in non-volant stage are present. Where suitable bat roosting tree and vegetation removal is restricted elsewhere in this Agreement the more restrictive condition shall apply.

b. To minimize disturbance to night roosts the Permittee shall not allow tree removal activities or conduct work activities within 100 feet of bridges between 0700 hours and 1800 hours Standard Time (1900 hours during Daylight Savings Time) at any time of the year work is conducted.

c. Bird exclusion netting shall not be used on underside of bridges, unless agreed to in writing (email, letter, fax) by CDFW.

d. Lights shall not be used under bridges.

e. Combustion equipment, such as generators, pumps, and vehicles, shall not be parked

or operated under bridges.

f. Personnel shall not be present under bridges from ½ hour before sunset to ½ hour after sunrise.

g. No less than 30 days before scheduled Initial Vegetation Removal and structure removal Permittee shall have a the Designated Biologist approved by CDFW, specifically for bats, conduct a pre-construction reconnaissance survey to identify those trees and/or structures proposed for disturbance that could provide hibernacula, roosting, or nursery colony habitat for bats.

h. Trees that are observed to have bat roosts shall not be sawed up or mulched immediately. A period of at least 24 hours, and preferably 48 hours at discretion of Designated Biologist and/or CDFW, shall elapse prior to such operations to allow bats to escape.

i. If bats are not detected, but the Designated Biologist determines that roosting bats may be present at any time of year, it is preferable to slowly push any tree/structure down under operator's control using heavy machinery rather than felling it with a chainsaw. In order to ensure the optimum warning for any roosting bats that may still be present, the tree should be pushed lightly two to three times, with a pause of approximately 30 seconds between each nudge to allow bats to become active. The tree should then be pushed to the ground slowly and should remain in place until it is inspected by the Designated Biologist and submeasure h above is implemented. Bats should be allowed to escape prior to demolition of structures. This may be accomplished by placing one way exclusionary devices into areas where bats are entering a building that allow bats to exit but not enter the structure.

j. The Designated bat biologist shall document all pre-construction reconnaissance survey activities, and prepare a summary report including a map of confirmed locations of bat roosts to CDFW upon completion of pre-construction reconnaissance survey.

2.15 Educational Program. Permittee shall conduct an Education Program for all persons employed or otherwise working on the Initial Sediment Removal prior to performing any work on site. The program shall consist of a presentation from a Designated Biologist that includes a discussion of the biology of the habitats and species identified in this Agreement, including invasive species see Condition 2.15a, and present at this site. The Designated Biologist shall also include as part of the education program information about the distribution and habitat needs of any Protected Species that may be present, legal protections for those species, penalties for violations and project-specific protective measures included in this Agreement. Interpretation shall be provided for non-English speaking workers, and the same instruction shall be provided for any new workers prior to their performing work on site. The Permittee shall prepare and distribute wallet-sized cards or a fact sheet that contains this information for workers to carry on site. Upon completion of the education program, employees shall sign a form stating they attended the program and understand all protection measures. These forms shall be filed at the worksite offices and be available to CDFW upon request. The Education Program shall be repeated

annually for part of the project extending more than one (1) year. Copies of program materials shall be maintained at the project site for workers to reference as needed.

a. Invasive Species Education Program. Permittee shall include invasive species in Education Program for all persons working on the Initial Sediment Removal prior to the performing any work on site. The program shall consist of a presentation from a Designated Biologist that includes a discussion of the invasive species currently present within the project site as well as those that may pose a threat to or have the potential to invade the project site. The discussion shall include a physical description of each species and information regarding their habitat preferences, local and statewide distribution, modes of dispersal, and impacts. The program shall also include a discussion of BMPs to be implemented at the project site to avoid the introduction and spread of invasive species into and out of the project site.

2.16 Project Lighting. Permittee's work activities shall be limited to daylight hours. If lighting is required to complete project activities or to illuminate equipment storage/staging areas at night the lighting shall not illuminate adjacent Suitable Habitat. Light fixtures near streams shall incorporate shields to direct light away from Suitable Habitat.

2.17 Disturbance or Removal. Disturbance or removal of vegetation shall not exceed the limits approved by this Agreement. Any disturbed portions of any stream channel or reservoir margin outside of the project limits shall be restored to their original condition under the direction of CDFW.

2.18 Disturbance or Removal for Access Areas. Disturbance, removal, or trimming of vegetation for equipment access and construction shall not exceed the limits approved by this Agreement.

2.19 Temporary Disturbance. The Permittee shall restore all areas within the reservoir temporarily impacted by construction, such as staging areas and temporary access areas. Temporary impact areas altered during the project and identified for restoration designated as DG-7-9, and DG-3B (see Exhibit E, Habitat Restoration Areas) shall be returned to natural contours without creating a possible future bank erosion problem.

2.20 Stockpiled Vegetation. Vegetation removed from the Initial Sediment Removal Area shall not be stockpiled in the low flow channel of the lake/stream. Any materials placed in seasonally dry portions of the lake/stream that may be washed downstream shall be removed from these areas prior to inundation by high flows. The sites selected on which to push this material out of the stream should be selected in compliance with the other provisions of this Agreement. Where possible, brush piles shall be left outside the channel in upland areas to provide wildlife habitat, except where rodent populations may be deemed a nuisance (e.g. near residential properties). Brush piles shall not be placed in areas that may impact sensitive floral resources or dormant seeds.

2.21 Demarcate Work Area Boundary. In consultation with the Designated Biologist, the Permittee or assignee shall demarcate the outer perimeter of the work area to prevent damage to adjacent habitat, and to provide visual orientation to its limits. Marking shall be in place during all periods

of operation. All persons employed or otherwise working on the project site shall be instructed about the restrictions that the marking represents.

2.22 Non-native Vegetation. Permittee shall remove non-native vegetation from the work area and shall dispose of it in a legal manner; in all cases it shall be placed in a manner which prevents its reestablishment in the Waters of the State, and in such a manner so that it does not negatively affect other sensitive native habitat communities.

2.23 Staging and Storage Areas. Staging/storage areas for equipment and materials shall be located outside of the low flow channel of the stream/lake. Any materials placed in seasonally dry portions of a stream or lake that could be washed downstream or could be deleterious to aquatic life shall be removed from the project site prior to inundation by high flows.

2.24 Work Site Access. Access to the work site for Initial Sediment Removal shall be limited to two sites. One site is a new maintenance road to the east of the Reservoir accessed directly from Oak Grove Drive. The access road will allow for one-way traffic into the Reservoir. The second site is from the west via existing dirt access road from Oak Grove Drive which shall be modified to allow easy and safe access on and off site (see Exhibit A).

2.25 Fill and Spoil. Fill length, width, and height dimensions shall not exceed those of the original design/installation or the original naturally occurring topography, contour, and elevation. Fill shall be limited to the minimal amount necessary to accomplish the agreed activities. Except as otherwise specified in this Agreement, fill construction materials other than on-site alluvium, shall consist of clean silt-free gravel or river rock.

2.26 Cover Trenches and Other Hazards. All steep-walled trenches or excavations used during the project shall be covered at all times except when being actively used, to prevent entrapment of wildlife (e.g., reptiles and small mammals). If trenches cannot be covered, exclusion fencing shall be installed around the trench or excavation. Open trenches, or other excavations, shall be inspected by the Designated Biologist daily and immediately before backfilling.

2.27 Surface Water Diversion. In the event vehicles/equipment are to be driven/operated within the reservoir/stream when surface water inflow is present, the entire surface water flow shall be diverted around the work area. The Permittee shall notify CDFW of its intent to access the reservoir/stream and submit to CDFW for its review and approval a Surface Water Diversion Plan prior to diversion activities. This plan shall address, at a minimum, the location of upstream and downstream diversion points, access point to the reservoir/ stream, and method and duration of diversion. Construction of the barrier and/or the new channel shall normally begin in the downstream area and continue in an upstream direction, and the flow shall be diverted only when construction of the diversion is completed. Channel bank or barrier construction shall be adequate to prevent seepage into or from the work area. The enclosure and the supportive material shall be removed when the work is completed and removal shall normally proceed from downstream in an upstream direction.

a. Continuous Flow. Surface Water Diversions shall be done in a manner that shall prevent pollution and/or siltation from Initial Sediment Removal Area and shall provide flows to downstream reaches. Flows to downstream reaches shall be provided during all times that the natural flow would have supported aquatic life. Said flows shall be sufficient quality and quantity, and of appropriate temperature to support fish and other aquatic life both above and below the diversion. Normal flows shall be restored to the affected stream immediately upon completion of work at that location.

b. Temporary Dam. Any temporary dam or other artificial obstruction for Surface Water Diversion shall be built pursuant to FGC Section 5937, and only from materials such as clean gravel which will cause little or no siltation, and shall be approved by the CDFW prior to construction.

Pollution, Sedimentation, and Litter

2.28 Pollution and Litter Laws. The Permittee shall comply with all litter and pollution laws. All contractors, subcontractors and employees shall also obey these laws and it shall be the responsibility of the Permittee to insure compliance.

2.29 Trash Receptacles. Permittee shall install and use fully covered trash receptacles with secure lids (wildlife proof) to contain all food, food scrapes, food wrappers, beverage and other miscellaneous trash. Trash containers shall be emptied daily and removed from the project site when construction is complete.

2.30 Emergency Spill Response Plan Required. Permittee shall submit to CDFW an Emergency Spill Response Plan prior to the start of ground disturbance. The plan shall identify the actions that shall be taken in the event of a spill of petroleum products, or other material harmful to aquatic or plant life, and the identification and uses of emergency response materials.

2.31 Spill Containment. All activities performed in or near a stream shall have absorbent materials designated for spill containment and cleanup activities on-site for use in an accidental spill. If a spill occurs the Permittee shall immediately notify the California Emergency Management Agency at 1-800-852-7550 and immediately initiate the cleanup activities. CDFW shall also be notified by the Permittee and consulted regarding clean-up procedures.

2.32 Equipment and Vehicles. Any equipment or vehicles driven and/or operated within or adjacent to the stream/lake shall be checked and maintained daily, to prevent leaks of materials that if introduced to water could be deleterious to aquatic life.

2.33 Stationary Equipment. Stationary equipment such as motors, pumps, generators, and welders, located within or adjacent to the stream/lake shall be positioned over drip pans. Stationary heavy equipment shall have suitable containment to handle a catastrophic spill/leak. Clean up equipment such as extra boom, absorbent pads, skimmers, shall be on site prior to the start of construction.

2.34 Equipment Maintenance. No equipment maintenance shall be done within or near any stream channel or lake margin where petroleum products or other pollutants from the equipment may enter these areas under any flow.

2.35 Cement and Concrete. Cement and concrete shall not be poured within 150 feet of a stream during the rainy season. The Permittee shall monitor the 7-day forecast; cement or concrete materials may be poured only if a 7-day clear window is predicted. Cement shall not be poured in or near a flowing stream, to reduce the potential for significant adverse impacts to the stream, water, or biota.

2.36 Turbidity and Siltation. All equipment that enters the streambed or habitat associated with the stream shall be clean and dry. Upon CDFW determination that turbidity/siltation levels resulting from project-related activities constitute a threat to aquatic life, activities associated with the turbidity/siltation, shall be halted until effective CDFW approved control devices are installed, or abatement procedures are initiated.

Invasive Species

2.37 Prohibited Plant Species. Permittee shall not plant, seed or otherwise introduce invasive exotic plant species. Prohibited exotic plant species include those identified in the California Exotic Pest Plant Council's database, which is accessible at: http://cal-ipc.org/paf/.

2.38 Unlawful to Possess Dreissenid Mussels. Pursuant to California Code of Regulations (CCR) Title 14 Section 681 and FGC Section 2301 it is unlawful for any person to possess, import, ship, or transport in the state live or dead dreissenid mussels except as authorized in a permit issued by the CDFW. A Restricted Species Permit pursuant to CCR Title 14 Section 671.1 is required for the collection, possession, and/or research of live dreissenid mussels.

2.39 Clean Equipment Prior to Entering Area Regulated by Agreement. All Equipment shall be free of materials deleterious to aquatic life including noxious and nuisance weeds, aquatic invasive species, oil, grease, hydraulic fluid, soil and other debris. The Permittee or their designee shall follow equipment washing guidelines (see sub-measures below) and complete the Certification of Clean Equipment (see Exhibit D). The Certification of Clean Equipment shall be completed by the Permittee for all Equipment prior to project equipment initially entering areas regulated by this Agreement.

a. Exemption for Haul Trucks. Permittee or designee shall ensure that all haul trucks (e.g. double-dump trucks with 18 cy capacity) comply with Condition 2.39 upon initial entry to areas regulated by this Agreement. Permittee shall ensure that all haul truck operators have received Education Program training (see Condition 2.15) and understand how to avoid contamination of haul truck and maintain truck free of materials deleterious to aquatic life including noxious and nuisance weeds, aquatic invasive species, oil, grease, hydraulic fluid, soil and other debris.

b. Other Project Equipment. Except for trucks used for hauling sediment (see Condition

2.39a above) Permittee or designee shall require operators of equipment to Re-certify equipment upon reentry to Areas Regulated by this Agreement. Permittee or designee shall require operators of equipment subject to recertification that are reentering after contact with water and/or wet soil from a stream or lake in areas outside those regulated under this Agreement to follow equipment washing guidelines (see sub-measures below). If requested by CDFW the Permittee shall submit copies of the Certification of Clean Equipment by email to R5LSACompliance@wildlife.ca.gov.

c. Inspection of Project Equipment. Permittee shall inspect all vehicles, tools, waders and boots, and other project-related equipment and remove all visible soil/mud, plant materials, and animal remnants prior to initially entering Areas regulated by this Agreement, and upon Equipment Operator recertification following Decontamination.

d. Decontamination of Project Equipment. Permittee shall decontaminate all tools, waders and boots, vehicles, trailers, and other equipment that will be used in Areas regulated by this Agreement and make contact with water or wetted soils prior to initially entering and upon reentering with verification that subsequent decontamination is required with the following specific guidance. Permittee shall decontaminate project gear and equipment utilizing one of three methods: drying, using a hot water soak, or freezing, as appropriate to the type of gear or equipment. For all methods, Permittee shall begin the decontamination process by thoroughly scrubbing equipment, paying close attention to hard to reach and clean areas with a stiff-bristled brush to remove all plant, seeds, soil, and other organisms. To decontaminate by drying, Permittee shall allow equipment to dry thoroughly (i.e., until there is a complete absence of water and all plant, seeds, and soil), preferably in the sun, for a minimum of 48 hours. To decontaminate using a hot water soak, Permittee shall immerse equipment in 140°F or hotter water and soak for a minimum of 5 minutes. To decontaminate by freezing, Permittee shall place equipment in a freezer 32°F or colder for a minimum of 8 hours. Repeat decontamination is required only if the equipment/clothing is removed from the site, used in contact with water or wet soil within a different watershed, and returned to the project site.

e. Decontamination of Vehicles and Equipment. Permittee shall decontaminate vehicles and other project-related equipment too large to immerse in a hot water bath by pressure washing with hot water a minimum of 140°F at the point of contact or 155°F at the nozzle. Additionally, Permittee shall flush watercraft engines and all areas that could contain standing water (e.g., storage compartments) for a minimum of 10 minutes. Following the hot water wash, Permittee shall dry all vehicles, watercraft, and other large equipment as thoroughly as possible. Repeat Decontamination is required only if vehicles and/or equipment is removed from the site used in contact with water or wet soil within a different watershed, and returned to the project site.

f. Decontamination Sites. Permittee shall perform decontamination of vehicles, watercraft, and other project gear and equipment in a designated location where runoff can be contained and not allowed to pass into CDFW jurisdictional areas and other sensitive habitat areas. Cleaning of equipment may occur at a location that contains and recycles resulting waste water.

g. Notification of Invasive Species. Permittee shall notify CDFW immediately if an invasive species not previously known to occur within the project site is discovered during project activities by submitting a completed Suspect Invasive Species Report (available online at: https://www.wildlife.ca.gov/Conservation/Invasives/Report) and photos to the Invasive Species Program by email at: invasives@wildlife.ca.gov. Notification may also be provided by calling (866) 440-9530. Upon receiving notification, CDFW will provide Permittee with guidance for further action as appropriate to the species.

ROUTINE ANNUAL AND EPISODIC MAINTENANCE PROGRAM CONDITIONS

2.40 All Administrative Conditions Applicable. Under Routine and Episodic Maintenance Program all Conditions in Section 1.0 of this Agreement shall be complied with by Permittee.

2.41 Routine Annual and Episodic Maintenance. Permittee shall implement Routine Annual and Episodic Maintenance in conformance with the Project Description and the following Conditions in this Agreement. The Permittee shall remove all human generated debris, such as cuttings, garbage and trash. The Permittee shall remove washed out culverts, and other construction materials, that the Permittee places within, or where they may enter the stream. Routine Annual Maintenance activities shall be limited to the inspection, routine maintenance (e.g., fence repair, minor maintenance of access roads, graffiti removal, trash removal, weed abatement, etc.) sediment removal, and vegetation management (annually) within the approved Routine Annual Maintenance Area (40.80 acres) footprint. Vegetation may be mowed annually and when necessary for capacity reasons the root zone may be grubbed. Sediment removal may be implemented by: 1) sediment excavation and hauling off site; and 2) Flow-Assisted Sediment Transport (FAST). Episodic Maintenance within the 10.98 acre (horizontal projection) side slope area may include annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (e.g., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood sediment excavation/trucking off site. If additional major maintenance/repair work is required a separate Agreement is required for said repairs.

2.42 Work Period. Vegetation Management work shall be confined to September 15 to February 1 starting approximately in 2023 until 2037. The general days and hours of the week that Permittee should conduct Routine Annual Maintenance is Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time..

Biological Resources

2.43 Protected Species Defined. This Agreement does not authorize take, incidental or otherwise, of any protected species. For the purpose of this Agreement, "protected species" means the following: a species fully protected under state law; a species listed under the California Endangered Species Act (Fish & G. Code § 2050 et seq.) and/or Endangered Species Act (16 U.S.C. § 1531 et seq.); a species identified by CDFW as a species of special concern; or any other species for which take is prohibited under state or federal law.

2.44 CESA Protected Species Exception. This Agreement does not authorize take for least Bell's vireo, southwestern willow flycatcher, or other species protected by CESA. Prior to removing, trimming, brushing, or damaging vegetation in the stream zone in areas containing habitat suitable for CESA-listed species, the Permittee shall consult with CDFW in accordance with the procedures described in CESA (Fish & G. Code § 2080 et seq.). Minimization measures pertaining to least Bell's vireo and Southwestern willow flycatcher are addressed in CESA Incidental Take Permit number 2081-2016-031-05.

2.45 Protected Species Avoidance and Minimization Measures. 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 Routine Annual and/or Episodic Maintenance. The survey technique shall be approved by CDFW in writing. CDFW will provide written response within no more than 18 days of Permittee submittal. The biologist shall have all required permits.

a. Protected Species Plan. The Permittee may utilize the previously approved Protected Species Plan (see Condition 2.10a) without subsequent approvals from CDFW. The Protected Species Plan may be updated at any time by CDFW or the Permittee with prior approval of CDFW. The Protected Species Plan shall be submitted to CDFW for its review and approval for the species listed in Table 1.0 below. Permittee shall receive written approval (email, letter, or fax) prior to Routine Annual Maintenance and/or Episodic Maintenance. 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.

Table 1.0: List of Protected Species to be addressed in Protected Species Plan.

Common name	Scientific name
slender-horned spineflower	(*Dodecahema leptoceras*)
two- striped garter snake	(*Thamnophis hammondii*)
coast range newt	(*Taricha tarosa tarosa*)
southwestern pond turtle	(*Actinemys marmorata*)
burrowing owl	(*Athene cunicularia*)
yellow warbler	(*Dendroica petechia*)
pallid bat	(*Antrozous pallidus*)
western mastiff bat	(*Eumops perotis californicus*)
western yellow bat	(*Lasiurus xanthinus*)
Coast patch-nosed snake	(*Salvadora hexalepis*)
southwestern willow flycatcher	(*Empidonax traillii extimus*)
Least Bell's vireo	(*Vireo bellii pusillus*)
Yellow-breasted chat	(*Icteria virens*)
Loggerhead shrike	(*Lanius ludovicianus*)

b. Dead or Injured Protected Species. Any dead or injured protected species found along roads or in project areas shall be reported to CDFW within 48 hours. The biologist shall report the location, cause of death, species found, and any other relevant information.

c. Seasonal and Other Restrictions. The Permittee shall not conduct any grading, excavation or other vegetation management activities within 1000 linear feet of least Bell's vireo or southwestern willow flycatcher habitat (see Exhibit C, LBVI suitable habitat) from March 1 through September 15th until consultation under Condition 2.44, is complete, and any take authorization is issued pursuant to FGC Section 2080 *et. seq*. Permittee may conduct project activities greater than 1000 linear feet of occupied or suitable protected species habitat from March1 through September 15 until avoidance, minimization, and compensatory mitigation measures are authorized and distances prescribed in this Agreement are superseded. After any take authorization is issued all requirements, of this Condition 2.45c, shall be superseded by CESA Incidental Take Permit number 2081-2016-031-R5.

2.46 Nesting Birds.

a. To avoid impacts to nesting birds no vegetation management shall occur during February 1st through September 15th, the "restricted work period". Other Routine Annual and Episodic Maintenance authorized activities should not take place within areas regulated by this Agreement within the "restricted work period".

b. If avoidance of the restricted work period is not feasible, vegetation management and other authorized activities may occur between February 1st through September 15th if a Designated Biologist, approved by CDFW pursuant to Condition 1.8 conducts focused surveys for active nests within seven (7) days of the proposed activity, the final survey no more than 48 hours prior to work in the area. The study area shall extend into Suitable Habitat adjacent to construction limits.

c. The results of the survey shall be retained by the Permittee prior to any project activities in the form of a written report and shall include the following information:

i. Dates of survey;
ii. Total field time of survey efforts;
iii. Map of survey routes, names of investigators; and,
iv. Location of any active nests that were found.

d. If the survey identifies an active nest, a buffer shall be established between the construction activities and the active nest so that nesting activities are not interrupted. The buffer shall be delineated by temporary fencing if site conditions allow and does not create additional disturbance, and shall be in effect throughout construction or until the nest is no longer active.

e. The buffer shall be a minimum of 300 feet (500 feet for raptors) of a non-CESA/ESA listed nesting migratory bird nest, and 500 feet of a CESA/ESA listed bird nest. Reductions in the nest buffer distance may be appropriate depending on the avian species involved, ambient

levels of human activity, screening vegetation, or possibly other factors.

f. Absent a 300/500 foot no impact buffer, the Permittee shall prepare and submit to CDFW a Nesting Bird Management Plan that includes survey results and establishes the necessary buffers to avoid take of nest as defined in FGC 3503 and 3503.5, see Condition 4.9.

g. The Nesting Bird Management Plan design shall be based upon site conditions, project activities, and species present or likely to be present during all construction activities. The buffer(s) shall be determined based upon the life history of the individual species, species sensitivity to noise, vibration, and general disturbance, current site conditions (screening vegetation, terrain, etc.), ambient levels of human activity, the various project-related activities necessary to construct the project, and other features.

h. Permittee, or any person acting on behalf of Permittee, is not relieved from complying with FGC sections 3503 (bird nests and eggs) and 3503.5 (birds of prey).

2.47 Notification to the California Natural Diversity Database. If any Protected Species are observed in project surveys, the Designated Biologist shall have responsibility to submit a California Native Species Field Survey Form and survey map to be submitted to the Natural Diversity Database within 5 working days of the sightings. The form and instructions for completing and submitting the form are available online at https://www.wildlife.ca.gov/Data/CNDDB/Submitting-Data.

2.48 Leave Wildlife Unharmed. If any Protected Species (see Condition 2.43) are encountered and do not passively relocate, the Permittee shall contact CDFW immediately or proceed as described in Incidental Take Permits or Protected Species Plan that may authorize impacts or relocation (see Condition 2.45a). To greatest extent practicable, if any non-protected wildlife is encountered during the course of project (as defined in Project Description), said wildlife shall be allowed to leave the construction area unharmed including relocation by a Designated Biologist.

a. Minimization of Stranding During Reservoir Draining. Once Permanent Maintenance Program is initiated (i.e. all Initial Sediment Removal is completed), and at the end of the storm season (October 1- April 15), any pool of surface water behind the dam should be released downstream at a rate such that the water elevation within the reservoir should be gradually reduced over a 30-45 day period, if feasible. This requirement shall not apply during periods when Dam operation is necessary to regulate flows to prevent downstream flooding.

2.49 Bypass Flow Required. When conducting activities authorized by this Agreement the Permittee shall allow sufficient water at all times to bypass dam to downstream reaches to maintain aquatic life below the Dam. This bypass requirement shall not apply during periods when Dam operation is necessary to regulate flows to prevent downstream flooding. If Permittee desires a change in the operation of the Dam from the abovementioned operation, then Permittee shall request and receive an approved amendment to this Agreement.

2.50 Limitations on Authorization for Water Use. This agreement does not authorize any diversion or use of water. All facilities that the Permittee owns, operates, or controls shall be operated and maintained in accordance with current law and applicable water rights.

2.51 Project Lighting. Lighting required for project activities shall not illuminate adjacent suitable vegetation. Light fixtures near streams shall incorporate shields to direct light away from Suitable Habitat.

Pollution, Sedimentation, and Litter

2.52 Conditional Work during Rainfall Event. No excavation work shall occur during an anticipated rainfall event. For purposes of this Agreement, "rainfall event" means events producing more than ¼ inch per 24 hour period. No excavation work shall occur during a dry-out period of 24 hours after a rainfall event. Permittee shall monitor the National Weather Service (NWS) 72-hr forecast for the project area. All erosion control measures shall be initiated prior to all rainfall events.

2.53 Spill Containment. All activities performed in or near a stream shall have absorbent materials designated for spill containment and cleanup activities on-site for use in an accidental spill. If a spill occurs the Permittee shall immediately notify the California Emergency Management Agency at 1-800-852-7550 and immediately initiate the cleanup activities. CDFW shall also be notified by the Permittee and consulted regarding clean-up procedures.

2.54 Pollution and Litter Laws. The Permittee shall comply with all litter and pollution laws. All contractors, subcontractors and employees shall also obey these laws and it shall be the responsibility of the Permittee to insure compliance.

2.55 Staging and Storage Areas. Staging/storage areas for equipment and materials shall be located outside of the low flow channel of the stream/lake. Any materials placed in seasonally dry portions of a stream or lake that could be washed downstream or could be deleterious to aquatic life shall be removed from the project site prior to inundation by high flows.

2.56 Discharge of Silty/Turbid Water Prohibited. To extent practicable, silty/turbid water resulting from maintenance activities shall not be discharged into the stream or into storm drains. Such water shall be sufficiently settled to avoid substantial adverse impacts to aquatic life prior to discharge below Dam into the stream channel. Upon CDFW determination that turbidity/siltation levels resulting from maintenance activities are in excess of existing conditions prior to maintenance at the time and constitute a threat to aquatic life, activities associated with the turbidity/siltation shall be halted until effective CDFW approved control devices are installed or abatement procedures are initiated.

2.57 Surface Water Diversion. In the event vehicles/equipment are to be driven/operated within the reservoir/stream when surface water inflow is present, the entire surface water flow shall be diverted around the work area. The Permittee shall notify CDFW of its intent to access the reservoir/stream and submit to CDFW for its review and approval a Surface Water Diversion

Plan prior to diversion activities. This plan shall address, at a minimum, the location of upstream and downstream diversion points, access point to the reservoir/ stream, and method and duration of diversion. Construction of the barrier and/or the new channel shall normally begin in the downstream area and continue in an upstream direction, and the flow shall be diverted only when construction of the diversion is completed. Channel bank or barrier construction shall be adequate to prevent seepage into or from the work area. The enclosure and the supportive material shall be removed when the work is completed and removal shall normally proceed from downstream in an upstream direction.

2.58 Maintenance of Access Roads. The Permittee may remove herbaceous vegetation, fallen trees, and branches from approved access roads. Permittee should conduct maintenance of access roads between September 15th and February 1st, and may conduct maintenance of access roads between July 1st and September 15th if Permittee implements measures in the Nesting Bird Management Plan (see Condition 4.9). Minor pruning of trees and brush interfering with vehicle access and/or growing into access roads is also acceptable.

2.59 Repair of Slopes within Permanent Maintenance Area. The Permittee may repair damage to slopes within Routine Annual Maintenance Area. Fills needed to repair slopes shall not extend beyond the dimensions that existed prior to needing repair. Fills shall consist of on-site alluvium containing clean sand and rock. Repair work shall be accomplished with minimum amount of disturbance to slope that existed prior to needing repair. New sites requiring bank protection, expansions in the size of protected sites, or changes in the materials to be used, are not covered by this Agreement. This Condition does not address repairs to Episodic Maintenance Area. Repairs to Episodic Maintenance Area slopes shall be in accordance with Project Description in response to a large debris flow or hyper concentrated flood. Repairs to slopes in Routine Annual Maintenance Area or Episodic Maintenance Area not specifically described in this Agreement shall be subject to a separate notification and Agreement.

2.60 Vegetation Management and Sediment Removal. Except as otherwise permitted in this Agreement, the removal of sediment, vegetation, and vegetative debris from the Permanent Maintenance Area is prohibited. The Permittee may remove all human generated debris, such as vegetative cuttings, garbage and trash.

2.61 On-going Maintenance of Mitigation Site. The on-site Habitat Restoration and Episodic Maintenance Areas shall be maintained by the Permittee for the benefit of wildlife throughout the life of the project. The Permittee shall not remove or trim native vegetation except to the extent required by Habitat Restoration and Management Plans (see Condition 4.1). Native vegetation within on-site Habitat Restoration or Episodic Maintenance Areas shall not be trimmed or removed for purposes of aesthetics or recreational access. Except as otherwise permitted in this Agreement, any trimming or removal of native vegetation shall be subject to the Permittee obtaining a separate Streambed Alteration Agreement.

2.62 Rodenticides. The Permittee or its assignee shall not apply rodenticides without CDFW approval to areas regulated by this Agreement. Permittee may propose an Integrated Pest Management Plan for the CDFW review and approval.

2.63 Herbicide Approved for Use Near Water. The Permittee shall only use an herbicide approved for use in an aquatic environment. Great care shall be taken to avoid contact with any native vegetation, and it shall only be applied on calm days (wind less than 5 miles per hour) to prevent airborne transfer of herbicide. No herbicides shall be used where Threatened or Endangered species would be directly exposed to liquid solution. Herbicide mixing sites shall only be located at existing road sites outside of the stream. All removed vegetation shall be disposed of properly, outside the flood plain. Spoil sites of Arundo or other exotic species shall not be located within a flowing stream or where it will cover aquatic or riparian vegetation.

a. Adjuvants. Only adjuvants and non-ionic surfactants registered for aquatic use shall be used. Non-ionic surfactants containing Nonylphenol (NP) and nonylphenol ethoxylates (NPEs) shall not be used.

b. Pre-emergent Herbicide. Permittee shall not use pre-emergent herbicide without prior written approval by CDFW. Permittee may propose method and species targeted for pre-emergent herbicide use within an Integrated Pest Management Plan (see also Condition 4.13) or if approved as part of Habitat Management Plan (see Condition 4.1) approved in writing by CDFW.

c. Herbicide Spray Dye. Permittee shall ensure all herbicide sprays utilized within and within 25 feet of CDFW jurisdictional waters and sensitive habitat areas contain a dye (registered for aquatic use by California Department of Pesticide Regulation (CDPR) to prevent overspray.

d. Pest Control Advisor Recommendation. CDFW recommends Permittee obtain a Pest Control Advisor's (PCA) recommendation and register it with the County Agricultural Commissioner where application will occur prior to applying herbicide in streambed areas. The Permittee may have additional requirements or recommendations necessary for application on municipal/government property and Permittee shall supply CDFW with written notifications or copies of paperwork required by other local, State, or Federal agencies related to pesticide use.

e. Herbicide Use in Conformance with Applicable Laws. Nothing in this Agreement represents a PCA recommendation that allows for an action that conflicts with herbicide use regulations. All herbicide use conditions for mixing, application and clean-up shall conform to all applicable Federal, State, and local regulations. Any application of herbicide shall be done by a licensed or certified applicator in accordance with all applicable, federal, state, and local laws.

f. Pesticide Use Bordering Anadromous Fish Supporting Waters. The Arroyo Seco is considered an anadromous fish supporting water according to current law.[4] The Permittee shall

[4] The 9th District Court Order for *Washington Toxics Coalition, et al v. EPA*, establishes pesticide buffer zones adjacent to anadromous fish supporting waters in Washing, Oregon, and California. For more info on this, see http://www.epa.gov/oppfead1/endanger/litstatus/final-4th-biop.pdf or http://www.cdpr.ca.gov/docs/endspec/espdfs/Buffers_Website_Info.pdf. The Permittee may confirm the locations of anadromous fish supporting waters, pesticide use limitations, and buffers zones via the internet at http://www2.epa.gov/endangered-species/salmon-mapper.

observe the no-spray buffer zones for pesticides with active ingredients listed below, subject to update, in Table 2.0 near anadromous fish supporting waters. The Permittee shall confirm the list of prohibited active ingredients and ensure that pesticide use conditions are consistent with the law. The no-spray buffers for ground application shall be no less than 20 yards and 100 yards for aerial application of the following pesticides, or as subsequently amended.

Table 2.0. *List of Prohibited Active Ingredients within buffer zones as of the date of execution of this Agreement.*

carbaryl	1,3-dichloropropene
chlorpyrifos	bromoxynil
diazinon	metolachlor
malathion	prometryn
methomyl	

INVASIVE SPECIES

2.64 Unlawful to Possess Dreissenid Mussels. Pursuant to California Code of Regulations (CCR) Title 14 Section 681 and FGC 2301 it is unlawful for any person to possess, import, ship, or transport in the state live or dead dreissenid mussels except as authorized in a permit issued by the CDFW. A Restricted Species Permit pursuant to CCR Title 14 Section 671.1 is required for the collection, possession, and/or research of live dreissenid mussels.

2.65 Invasive Species Education Program.

a. Permittee shall conduct an Invasive Species Education Program for all persons working within the project site prior to the commencement of any project maintenance activities. Additionally, this instruction shall be included for any new workers starting work after initial commencement of project maintenance activities prior to their performing any work within the project site.

b. The program shall consist of a presentation from a Designated Biologist, pursuant to noticing and review process in Condition 1.8 that includes a discussion of the invasive species currently present within the project site as well as those that may pose a threat to or have the potential to invade the project site. The discussion shall include a physical description of each species and information regarding their habitat preferences, local and statewide distribution, modes of dispersal, and impacts.

c. The program shall also include a discussion of BMPs to be implemented at the project site to avoid the introduction and spread of invasive species into and out of the project site. Permittee shall provide a translator for non-English speaking on-site workers, if necessary.

d. The program shall be repeated annually for projects extending more than one year. Copies of program materials shall be maintained at the project site for workers to reference as needed. For this requirement an electronic copy of the program materials shall suffice.

2.66 Invasive Aquatic Species. Permittee shall conduct project activities in a manner that prevents the introduction, transfer, and spread of invasive species, including plants, animals, and microbes (e.g., algae, fungi, parasites, bacteria, etc.), from one project site and/or watershed to another. Prevention BMPs and guidelines for invasive plants can be found on the California Invasive Plant Council's website at: http://www.cal-ipc.org/ip/prevention/index.php and for invasive mussels and aquatic species can be found at the Stop Aquatic Hitchhikers website: http://www.protectyourwaters.net/.

2.67 Inspection of Project Equipment. Permittee or Permittee's appointee shall inspect all vehicles, tools, waders and boots, and other project-related equipment and remove all visible soil/mud, plant materials, and animal remnants prior to entering and exiting areas regulated by this Agreement or upon initial entry into the Upper Los Angeles River Watershed (designated by boundaries as represented in the Watershed Boundary Dataset (WBD) included with the California-statewide National Hydrography Dataset (NHD) for Hydrologic Unit Codes 10 (HUC-10)) and pursuant to sub-conditions below:

a. Permittee may choose to implement a quarantine by watershed (designated by Upper Los Angeles River Watershed in Exhibit F) of all vehicles, tools, waders and boots, and other project-related equipment that move among stream/riparian areas where decontamination is not necessary, pursuant to Agreement Conditions and Exhibit F. All vehicles, tools, waders and boots, and other project-related equipment maintained in accordance to quarantine may be transported and used between Reaches designated as "low" risk, areas regulated by this Agreement, and within the same watershed without decontamination pursuant to this Agreement Conditions 2.68 through 2.70 between sites. Permittee would not be relieved from compliance with Agreement Condition 2.66 if implementing this Condition. The Permittee shall implement this condition through:

b. Permittee shall propose a quarantine plan for CDFW review and approval for documenting chain of custody. The purpose of quarantine plan is to document methods and materials for all vehicles, tools, waders and boots, and other project-related equipment proposed for temporary or permanent use in quarantine areas in accordance with Agreement Condition 2.67 *et seq.* AND;

c. Permittee shall perform initial decontamination and make written record of decontamination by methods in Conditions 2.68, 2.69, and 2.70 of all the vehicles, tools, waders and boots, and other project-related equipment. This documentation shall be made available to CDFW upon request AND;

d. Subsequent to initial decontamination, upon entry to watershed, all the vehicles, tools, waders and boots, and other project-related equipment used within wetted areas and wetted soils shall remain continuously within the same watershed (designated by Exhibit F) and in reaches designated as low risk (see Exhibit F Table 1.0). Exhibit F Table 1.0 designates risk under column "Aquatic Invasive Species Risk".

Permittee shall not implement Condition 2.67 *et. seq.* without prior approval by CDFW.

2.68 Decontamination of Project Equipment. Permittee shall decontaminate all tools, waders and boots, and other equipment that will enter the streambed and make contact with water or wetted soils prior to entering and when designated after exiting in areas regulated by this Agreement.

If equipment is operating to avoid contact with water or wetted soils, then it is otherwise permissible to conduct the work without specialized decontamination procedures for aquatic invasive animal species (Conditioned in this Agreement), but such activities would need to be in compliance with other Conditions of this Agreement and any other federal, state, or local laws or ordinances. For example, general conditions in the existing Agreement to make sure visible dirt, mud, and plant materials are removed from equipment prior to entering the stream, but don't require the specialized thermal, freezing, and/or drying methods developed for aquatic invasive animal species.

If decontamination for aquatic invasive animal species is applicable, Permittee shall decontaminate project gear and equipment, as appropriate to the type, utilizing one of the following four methods:

a. Drying. Permittee shall allow equipment to dry thoroughly and verify there is a complete absence of water on equipment and all sources of standing water in the equipment. Permittee shall dry all equipment for a minimum of either 48 hours, preferably in the sun, or minimum calculated dry time using "Dry Time Estimator" accessible at http://www.100thmeridian.org/Emersion.asp using whichever time period is greater. These guidelines provide a minimum quarantine time that Permittee may need to adjust upward if situation includes additional contributing factors (e.g., humidity, exposure, wind).

b. Hot Water Soak. Permittee shall immerse equipment in 140° F or hotter water and soak for a minimum of five (5) minutes;

c. Hot Water Wash. Decontaminate project-related tools and vehicles by pressure washing with hot water at a minimum of 140°F at the point of contact or 155°F at the nozzle; or,

d. Freezing. Permittee shall place equipment in a freezer 32°F or colder for a minimum of 8 hours.

For all methods, Permittee shall begin the decontamination process by thoroughly scrubbing equipment, paying close attention to small crevices such as boot laces, seams, net corners, etc., with a stiff-bristled brush to remove all organisms. Repeat decontamination is required only if the

equipment/clothing is removed from the site, used within a different watersheds, and returned to the project site.

2.69 Decontamination of Equipment. If decontamination for aquatic invasive animal species is applicable and Permittee finds it infeasible to use one of the methods identified above in Condition 2.68 Permittee shall:

a. Decontaminate vehicles and other project-related equipment too large to immerse in a hot water bath by pressure washing with hot water a minimum of 140°F at the point of contact or 155°F at the nozzle.

b. Permittee shall flush equipment engines and all areas that could contain standing water (e.g. storage compartments) for a minimum of ten (10) minutes.

c. Dry all vehicles, watercraft, and other large equipment as thoroughly as possible, following the hot water wash.

2.70 Decontamination of Vehicles. If decontamination for aquatic invasive animal species is applicable and Permittee finds it infeasible to use one of the methods identified above in Condition 2.68, Permittee shall:

a. Decontaminate vehicles by pressure washing with hot water at a minimum of 140°F at the point of contact or 155°F at the nozzle;

b. Flush all areas that could contain standing water (e.g. storage compartments) for a minimum of 10 minutes;

c. Vehicles decontaminated by pressure washing shall be dried as thoroughly as possible, following the hot water wash; or,

d. In lieu of 2.70 (a) or (b) the Permittee may take the vehicles to a car wash for washing and decontamination. Permittee shall dry all vehicles for a minimum of either 48 hours, preferably in the sun, or minimum calculated dry time using "Dry Time Estimator" accessible at www.100thmeridian.org/Emersion.asp using whichever time period is greater.

2.71 Decontamination Sites. If decontamination for aquatic invasive animal species is applicable, Permittee shall perform decontamination of vehicles, watercraft, and other project gear and equipment in a designated location where runoff can be contained and not allowed to pass into CDFW jurisdictional areas and other sensitive habitat areas.

2.72 Notification of Invasive Species. Permittee shall notify CDFW immediately if an invasive species not previously known to occur within the project site is discovered during project activities by one of the following methods:

a. Email the CDFW Invasive Species Program at invasives@wildlife.ca.gov including

photos and a completed Suspect Invasive Species Report (available online at: https://www.wildlife.ca.gov/Conservation/Invasives/Report);

b. Telephone by calling (866) 440-9530; or,

Upon receiving notification, CDFW will provide Permittee with guidance for further action as appropriate to the species.

3. Compensatory Measures

To compensate for adverse impacts to fish and wildlife resources identified above that cannot be avoided or minimized, Permittee shall implement each measure listed below.

3.1 Mitigation for Permanent Impacts. The Permittee shall mitigate the permanent impacts at a location and in a manner to be approved by CDFW. The Permittee has a total Compensatory Mitigation Requirement outlined in Table 3.0. The Permittee has proposed compensatory mitigation to partially mitigate the permanent impacts with restoration of habitats bordering the Permanent Maintenance Area and within Hahamonga Watershed Park. The Permittee shall propose an off site compensatory mitigation plan for an additional 25.6 acres of native habitats. The remaining 25.6 acres should consist of the creation of willow and mulefat thickets (composing approximately 50-93% of the site) and alluvial shrubland. Any remaining acres of compensatory mitigation may be in the form of restoration and may by composed of riparian herbaceous habitats associated with intermittently or seasonally flooded ponds, wetlands, seeps, swales, or margins of riparian areas. In lieu of the restoration, or creation CDFW may consider enhancement and/or preservation of habitat classifications for a larger area.

Table 3.0 *Compensatory Mitigation [Permanent] Requirements for Creation and Restoration*

IMPACTS TO VEGETATION COMMUNITIES	**COMPENSATORY MITIGATION REQUIREMENT**			
	PERMANENT IMPACTS	**Creation**	**Restoration**	**Total**
Salix gooddingii Woodland Alliance	16.27	16.27	22.31	38.58
Baccharis salicifolia Shrubland Alliance	8.03	8.03	4.83	12.86
Lepidospartum squamatum Shrubland Alliance	1.82	1.82	7.28	9.1
Artemisia californica –Eriogonum fasciculatum Shrubland Alliance	0.02	0.02	0.04	0.06
Conium maculatum Herbaceous Semi-Natural Alliance*	2.45	0.00	1.23	1.23
Lepidium latifolium – Conium maculatum Herbaceous Semi-Natural Alliance*	9.88	0.00	4.94	4.94
Xanthium strumarium Herbaceous Alliance (Unofficial Alliance)	1.00	0.00	1.50	1.50
Disturbed/Developed	1.33	0.00	0.00	0.00
TOTAL COMPENSATORY MITIGATION REQUIRED		26.14	42.13	68.27
TOTAL PERMANENT IMPACTS	**40.80**			

* *Conium maculatum* Herbaceous Semi-Natural Alliance and *Lepidium latifolium – Conium*

maculatum Herbaceous Semi-Natural Alliance are considered non-native plants and restoration designated in Table 3.0 (above) is proposed with California native plants.

3.2 Mitigation for Temporary Impacts. The total of 27.83 acres of temporary impacts, described in detail in the Project Description, shall be established and maintained pursuant to the following requirements:

a. The Permittee shall mitigate the temporary impacts to 16.85 acres of vegetation and habitat communities located in restoration areas designated (DG3B, DG 7, DG 8, DG 9, See Exhibit E) by delaying impacts to temporary impact areas until 3rd year of sediment removal project and implement restoration pursuant to Habitat Restoration Plan (see Condition 3.9, below) with 24 months of impacts (see Condition 3.5), and maintained pursuant to Habitat Management Plan (see Condition 3.10).

b. The 10.98 acre (horizontal projection, see Exhibit B) Episodic Maintenance Area will include initially planting with appropriate native plants and thereafter annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood Episodic Maintenance would involve the need for sediment excavation/trucking off site. After Episodic Maintenance the side slopes would be returned to proposed 3:1(V:H) grade, and the 10.98 acre area will be subject to the continuing annual undesirable plant control.

3.3 Conceptual Off-site Mitigation Package. The Permittee shall submit to CDFW for its review and approval a Conceptual Off-site Mitigation Package prior to Project Start. Prior to initiation of any vegetation or ground disturbing project activities a final mitigation package shall receive written approval by CDFW, and Permittee shall request an amendment of this Agreement to incorporate the specific location(s), amount of acreage, and existing and proposed vegetation communities to be restored from final mitigation package. The Conceptual Off-site Mitigation Package shall include adequate information for each proposed site for CDFW to evaluate it's suitability as compensatory mitigation for project impacts. The Permittee shall develop the mitigation proposal, including the entity (e.g., the Santa Monica Mountains Conservancy or The Nature Conservancy) to maintain the site in perpetuity and submit to CDFW for approval. The acquisition/restoration site(s) and acreages shall be within the Los Angeles River watershed and be approved by CDFW. The mitigation site shall be consistent with the stream and vegetation communities lost on the subject project site as a result of the Permittee's project-related activities.

3.4 Establish Permanent Cross-Section. Permittee shall establish single cross section, established by monument, at upstream limit of Permanent Maintenance Area to document condition and be comparable over time. The annual monitoring of cross section should be conducted immediately following the high flow season and include the physical measurements of the site, photos from a fixed photographic station, and if applicable results from interviews with local persons, Permittee, or Permittee's assignees that had important observations. The cross-section and photographic station shall be monitored and reported to CDFW according to the following sub-measures.

a. Initial Monitoring. Permittee shall monitor cross section annually for the first 5 years following Initial Sediment Removal, estimated at 2.4 mcy plus any additional annual deposits, and as soon as feasible after the first major high flow event. If major high flow event occurs in the first 5 years of monitoring then frequency of future monitoring will be adjusted by CDFW based on consultation with Permittee. Monitoring frequency adjustments shall be based on results of annual monitoring and high flow observations.

b. Long-term Monitoring. Permittee shall monitor cross section every once every 5 years and immediately after a major high flow event for the duration of this Agreement.

3.5 Restoration of temporary impacts. The Permittee shall restore temporary impacts specified in Condition 3.2 within 24 months of initial vegetation removal in temporary impact areas, and initiate restoration planting or seeding during appropriate seasonal time frame to maximize growth and survival. If after 24 months restoration has not occurred, and CDFW determines that the delay has a substantial adverse effect, CDFW shall require additional mitigation to address the extent, severity, and duration of new impacts to fish and wildlife resources.

3.6 Financial Security. Prior to Project Start the Permittee shall establish in favor of CDFW an Original Security, in an estimated principal sum sufficient to pay for the cost of the Permittee's mitigation obligations under this Agreement. Any revisions to the Original Security by the Permittee shall be conducted according to Condition 3.8. After CDFW approves the Original Security, then the Permittee shall prepare a draft Security and submit it to CDFW for its written approval. The Security shall allow CDFW to immediately draw on the Security if CDFW determines in its sole discretion that the Permittee has failed to meet its mitigation obligations.

3.7 Approval of Financial Security. After CDFW approves the draft Original Security, it will notify the Permittee, after which the Permittee may finalize and execute the Security. Upon receipt of the Original Security in the principal sum in the form approved by CDFW, CDFW shall notify the Permittee that it may begin the project, provided the Permittee has complied with any other pre-project requirements specified in this Agreement.

3.8 Renewal or Replacement of Security. If the Permittee has not met its mitigation obligations within 60 days prior to the Security's expiration date, the Permittee shall confirm with the institution holding the funds that the expiration date will be extended. If the bank elects not to extend the expiration date, the Permittee shall establish a new Security to replace the original in the same principal sum, unless CDFW agrees otherwise. The new Security shall be subject to CDFW's approval following the same procedure described above. The Permittee shall have in place a Security at all time until Permittee receives CDFW written approval it has met its mitigation obligation.

a. Upon CDFW's written request the Permittee shall revise the Original Security within 60 days. The Permittee may request revisions to Original Security to account for refined estimated costs from Final Conceptual Off-site Mitigation Package, Habitat Restoration Plan, and Habitat Management Plan, once approved by CDFW. Any revisions to the Original Security by the Permittee shall require a written request explaining the need for revision, a revised cost

estimate, and CDFW's written approval. After CDFW approves revisions to the Original Security, then the Permittee shall prepare a revised draft Security and submit it to CDFW for its written approval pursuant to Condition 3.6.

3.9 Habitat Restoration Plan. The Permittee shall submit to CDFW a Habitat Restoration Plan prior to Initial Vegetation Removal. Permittee shall not conduct Initial Vegetation Removal until Habitat Restoration Plan receives CDFW written approval. This plan shall address all temporarily impacted areas within the Initial Sediment Removal Area and on-site compensatory mitigation project areas. Restoration involves planting seed and/or container stock, and maintaining (i.e., weeding, replacement planting, supplemental watering, etc.) and monitoring the restored area for a period of five years (or less if the restoration meets all success criteria). The plan shall include, at a minimum: 1) recontouring the land; 2) measures to alleviate soil compaction; 3) pitting or imprinting the surface to allow small areas where seeds and rain water can be captured, hydroseeding, and hand-broadcasting seed (where appropriate); 4) the native plant species to be used, container sizes, and seeding rates; 5) collection, storage and replacement of the topsoil (if it was collected); 6) seed collection procedures and permits needed; 7) planting schedule; 8) a description of the irrigation methodology; 9) measures to control non-native or nuisance vegetation and non-native invasive animals on site; 10) specific success criteria; 11) a detailed monitoring program including Adaptive Management Program; 12) contingency measures should the success criteria not be met; and 13) identification of the party responsible for meeting the success criteria and providing for restoration.

3.10 Habitat Management Plan. The Permittee shall submit to CDFW for its review and approval a Habitat Management Plan. This plan shall address both on-site and off-site mitigation properties, that includes: 1) legal description of all parcels, a location map, and a plat map showing easements 2) management specifications, 3) baseline biological and hydrology data for all parcels, 4) designation of land management entity, 5) a Property Analysis Record, or equivalent, with assumptions specified, and 6) designation of responsible parties, and the entity or entities identified to hold and manage the land in perpetuity. The management specification shall provide: 1) information on public uses and facilities and operations found on the property; 2) CEQA documentation for any management practices or activities which are not exempt; 3) avoidance measures under CESA for any state-listed species found on the property; 4) a complete description of the management goals needed to protect, enhance, manage and conserve the habitat values for which the property was acquired which includes long-term as well as immediate management goals ; 5) Adaptive Management Program (e.g. include monitoring for non-native and invasive animals to determine when and what control measures should be implemented); 6) general operations and maintenance staffing and equipment and associated costs; 7) start-up or infrastructure costs; 8) management constraints (physical or political); 9) acceptable public uses; 10) anticipated public use or natural resource conflicts; and 11) document any additional agreements, memoranda of understanding, Department internal coordination for state listed species or Section 7 consultations under the federal Endangered Species Act, or cooperative management agreements.

4. Reporting Measures

Permittee shall meet each reporting requirement described below.

4.1 Habitat Restoration and Management Plans. The Permittee shall submit a draft Habitat Restoration and draft Habitat Management Plan, as described in Conditions 3.9 and 3.10 above, to CDFW for review and written approval prior to Initial Vegetation Removal. CDFW will provide written response within 20 days of Permittee submittal. The Permittee shall not proceed with Initial Vegetation Removal until receiving written approval of Final Habitat Restoration and Habitat Management Plans by CDFW.

4.2 Mitigation Monitoring Report. The Permittee shall provide a Mitigation Monitoring Report to CDFW every (4) four years in accordance with FGC section 1605(g), with the first (4) four-year period beginning on the effective date of this Agreement. Upon receipt of the Mitigation Monitoring Report, CDFW shall comply with the provisions of FGC §1605(g)(3). If the Permittee fails to provide timely Mitigation Monitoring Reports as required by this Agreement and FGC Section 1605(g), CDFW may suspend or revoke this Agreement. The Mitigation Monitoring Report shall be delivered to CDFW no later than 90 days prior to the end of each (4) four-year period, and shall include all of the following:

a. A copy of the original Agreement;

b. The status of the activities covered by this Agreement;

c. An evaluation of the success or failure of the measures in this Agreement to protect the fish and wildlife resources that the activities may substantially adversely affect; and,

d. A discussion of any factors that could increase the predicted adverse impacts on fish and wildlife resources, and a description of the resources that may be adversely affected;

4.3 Mitigation Proposal. The Permittee shall submit a Conceptual Mitigation Package as described in Condition 3.3 above to CDFW for review within 60 days of execution of this Agreement. CDFW will provide written response within 30 days of Permittee submittal. The final Mitigation Package shall receive written approval by CDFW prior to Project Start.

4.4 Initial Sediment Removal Area Site As-Built Report. The Permittee shall submit a report to CDFW within 60 days of completion of final site preparation and planting, acknowledging the completion of the installation phase and documenting the as-built status of the area subject to temporary impact and project restoration. The report shall include a plan or map diagram showing the restored area and the final as-built locations of structural improvement listed in Project Description. Photographs from representative vantage points shall also be included to document the final site conditions.

4.5 Mitigation Site As-Built Report. The Permittee shall submit a Mitigation Site As-Built Report to CDFW within 60 days of completion of the Habitat Restoration Plan installation phase. The report shall include a plan or map diagram showing the restored area and the final as-built

locations of structural improvement listed in Project Description. Photographs from representative vantage points shall also be included to document the final site conditions

4.6 List of Designated Biologists. The Permittee shall submit a proposed list of Designated Biologists to CDFW for review 60 days prior to Project Start (see Condition 1.8). CDFW will provide written response within 18 days of Permittee submittal, unless otherwise agreed to by CDFW in writing (email, letter, fax). The Permittee may utilize any of the Designated Biologists with the appropriate qualifications from the approved list without subsequent approvals from CDFW. The list may be updated at any time by CDFW or the Permittee with the prior approval of CDFW.

4.7 Inventory of Native Oaks. The Permittee shall submit an Inventory of Native Oak Trees to CDFW for review within 90 days prior to Project Start. CDFW will provide written response within 18 days of Permittee submittal, unless otherwise agreed to by CDFW in writing (email, letter, fax). The inventory shall identify oak trees by species with Diameter at Breast Height over 3" (DBH) that will be directly removed or have root protection zone impacted as described in Condition 2.11.

4.8 Oak Tree Reports. The Permittee shall submit an Oak Tree Report to CDFW annually for 5 years with an additional report at years 7 and 10 for native oaks after encroachment in root protective zone (see Condition 2.11 above) or restoration/planting. This report shall cover the monitoring of existing native oaks after encroachment and creation, enhancement, and the revegetation of native oaks, and shall include the survival, % cover, and height of both tree and shrub species. The number by species of plants replaced, an overview of the revegetation effort, and the method used to assess these parameters shall also be included. Photos from designated photo stations shall be included.

4.9 Nesting Bird Management Plan. If necessary, the Permittee shall submit a Nesting Bird Management Plan to CDFW for Project activities that may occur between February 1^{sl} through September 15th as described in Conditions 2.12, 2.13, and 2.46. The plan shall include survey results and establish the necessary buffers to avoid take of nests as defined in FGC Sections 3503 and 3503.5. The Nesting Bird Management Plan shall be submitted to CDFW prior to any work between February 15th through September 15th.

4.10 Protected Species Plan. The Permittee shall submit a Protected Species Plan as described in Condition 2.10a to CDFW for review 60 days prior to the proposed Project Start. CDFW will provide written response within 18 days of Permittee submittal. The final Protected Species Plan shall receive written approval by CDFW prior to ground disturbing activities.

4.11 Surface Water Diversion Plan. If necessary, the Permittee shall submit a Surface Water Diversion Plan to CDFW for review as described in Condition 2.27. The plan shall be consistent with the terms and conditions of this Agreement. CDFW will provide written response within 18 days of Permittee submittal. The final Surface Water Diversion Plan shall receive written approval by CDFW prior to diversion activities. Any changes in the original project description or approved Surface Water Diversion Plan shall be coordinated with the CDFW. Coordination shall include the negotiation of additional Agreement provisions.

4.12 Emergency Response Plan The Permittee shall submit an Emergency Response Plan to CDFW prior to start of ground disturbance as described in Condition 2.30. The plan shall identify the actions that shall be taken in the event of a spill of petroleum products, or other material harmful to aquatic or plant life, and the identification and uses of emergency response materials.

4.13 Integrated Pest Management Plan. If necessary, the Permittee shall submit an Integrated Pest Management Plan to CDFW for review as described in Condition 2.62. The plan shall be consistent with the terms and conditions of this Agreement. The final Integrated Management Plan shall receive written approval by CDFW prior to implementation.

4.14 Monitoring of Permanent Cross-Section. Pursuant to duration and frequency specified in Condition 3.4, the monitoring reports for initial monitoring shall be submitted to CDFW by July 1st of each year monitoring is required.

4.15 Written Release from Monitoring Obligation. The Permittee shall not be released from these maintenance and monitoring obligations until such time as the Permittee has requested and received written concurrence from CDFW that the success criteria have been met in the Habitat Restoration Plan.

CONTACT INFORMATION

Any communication that Permittee or CDFW submits to the other shall be in writing and any communication or documentation shall be delivered to the address below by U.S. mail, fax, or email, or to such other address as Permittee or CDFW specifies by written notice to the other.

To Permittee:

Los Angeles County Flood Control District
ATTN: Christopher Stone
900 S. Freemont Ave.
Alhambra, CA 91803
FAX (626) 979-5436
cstone@dpw.lacounty.gov

To CC:

Los Angeles County Flood Control District
ATTN: Ken Zimmer
900 S. Freemont Ave.
Alhambra, CA 91803
FAX (626) 979-5436
kzimmer@dpw.lacounty.gov

Los Angeles County Flood Control District

ATTN: Sree Kumar
900 S. Freemont Ave.
Alhambra, CA 91803
FAX (626) 458-4150
skumar@dpw.lacounty.gov

To CDFW:

Department of Fish and Wildlife
South Coast Region
3883 Ruffin Rd.
San Diego, CA 92123
Attn: Lake and Streambed Alteration Program
Notification #1600-2015-0263-R5
(858) 467-4299
R5LSACompliance@wildlife.ca.gov

LIABILITY

Permittee shall be solely liable for any violations of the Agreement, whether committed by Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents or contractors and subcontractors, to complete the project or any activity related to it that the Agreement authorizes.

This Agreement does not constitute CDFW's endorsement of, or require Permittee to proceed with the project. The decision to proceed with the project is Permittee's alone.

SUSPENSION AND REVOCATION

CDFW may suspend or revoke in its entirety the Agreement if it determines that Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, is not in compliance with the Agreement.

Before CDFW suspends or revokes the Agreement, it shall provide Permittee written notice by certified or registered mail that it intends to suspend or revoke. The notice shall state the reason(s) for the proposed suspension or revocation, provide Permittee an opportunity to correct any deficiency before CDFW suspends or revokes the Agreement, and include instructions to Permittee, if necessary, including but not limited to a directive to immediately cease the specific activity or activities that caused CDFW to issue the notice.

ENFORCEMENT

Nothing in the Agreement precludes CDFW from pursuing an enforcement action against Permittee instead of, or in addition to, suspending or revoking the Agreement.

Nothing in the Agreement limits or otherwise affects CDFW's enforcement authority or that of its enforcement personnel.

OTHER LEGAL OBLIGATIONS

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from obtaining any other permits or authorizations that might be required under other federal, state, or local laws or regulations before beginning the project or an activity related to it.

This Agreement does not relieve Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, from complying with other applicable statutes in the FGC including, but not limited to, FGC sections 2050 *et seq.* (threatened and endangered species), 3503 (bird nests and eggs), 3503.5 (birds of prey), 5650 (water pollution), 5652 (refuse disposal into water), 5901 (fish passage), 5937 (sufficient water for fish), and 5948 (obstruction of stream).

Nothing in the Agreement authorizes Permittee or any person acting on behalf of Permittee, including its officers, employees, representatives, agents, or contractors and subcontractors, to trespass.

AMENDMENT

CDFW may amend the Agreement at any time during its term if CDFW determines the amendment is necessary to protect an existing fish or wildlife resource.

Permittee may amend the Agreement at any time during its term, provided the amendment is mutually agreed to in writing by CDFW and Permittee. To request an amendment, Permittee shall submit to CDFW a completed CDFW "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the corresponding amendment fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

TRANSFER AND ASSIGNMENT

This Agreement may not be transferred or assigned to another entity, and any purported transfer or assignment of the Agreement to another entity shall not be valid or effective, unless the transfer or assignment is requested by Permittee in writing, as specified below, and thereafter CDFW approves the transfer or assignment in writing.

The transfer or assignment of the Agreement to another entity shall constitute a minor amendment, and therefore to request a transfer or assignment, Permittee shall submit to CDFW a completed CDFW "Request to Amend Lake or Streambed Alteration" form and include with the completed form payment of the minor amendment fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5).

EXTENSIONS

In accordance with FGC section 1605(b), Permittee may request the Agreement to be extended for one (1) 5 year extension, provided the request is made prior to the expiration of the Agreement's term. To request an extension, Permittee shall submit to CDFW a completed CDFW "Request to Extend Lake or Streambed Alteration" form and include with the completed form payment of the extension fee identified in CDFW's current fee schedule (see Cal. Code Regs., tit. 14, § 699.5). CDFW shall process the extension request in accordance with FGC 1605(b) through (e).

If Permittee fails to submit a request to extend the Agreement prior to its expiration, Permittee must submit a new notification and notification fee before beginning or continuing the project the Agreement covers (FGC section 1605(f)).

EFFECTIVE DATE

The Agreement becomes effective on the date of CDFW's signature, which shall be: 1) after Permittee's signature; 2) after CDFW complies with all applicable requirements under the California Environmental Quality Act (CEQA); and 3) after payment of the applicable FGC section 711.4 filing fee listed at https://www.wildlife.ca.gov/Conservation/CEQA/Fees.

TERM

This Agreement shall expire on March 31, 2037, unless it is terminated or extended before then. All provisions in the Agreement shall remain in force throughout its term. Permittee shall remain responsible for implementing any provisions specified herein to protect fish and wildlife resources after the Agreement expires or is terminated, as FGC section 1605(a)(2) requires.

EXHIBITS

The documents listed below are included as exhibits to the Agreement and incorporated herein by reference.

A. Exhibit A. [Access Road Detail]
B. Exhibit B [Work Plan Map]
C. Exhibit C [LBVI suitable habitat]
D. Exhibit D [Certification of Clean Equipment]
E. Exhibit E [Habitat Restoration Areas]
F. Exhibit F [Map of Upper Los Angeles River Watershed & Table 1]

AUTHORITY

If the person signing the Agreement (signatory) is doing so as a representative of Permittee, the signatory hereby acknowledges that he or she is doing so on Permittee's behalf and represents and warrants that he or she has the authority to legally bind Permittee to the provisions herein.

AUTHORIZATION

This Agreement authorizes only the project described herein. If Permittee begins or completes a project different from the project the Agreement authorizes, Permittee may be subject to civil or criminal prosecution for failing to notify CDFW in accordance with FGC section 1602.

CONCURRENCE

The undersigned accepts and agrees to comply with all provisions contained herein.

FOR LOS ANGELES COUNTY FLOOD CONTROL DISTRICT

Christopher Stone — March 01, 2017

Christopher Stone
Assistant Deputy Director

Date

FOR DEPARTMENT OF FISH AND WILDLIFE

Betty J Courtney — March 21, 2017

Betty Courtney
Environmental Program Manager

Date

Prepared by: Matthew Chirdon
Senior Environmental Scientist (Specialist)

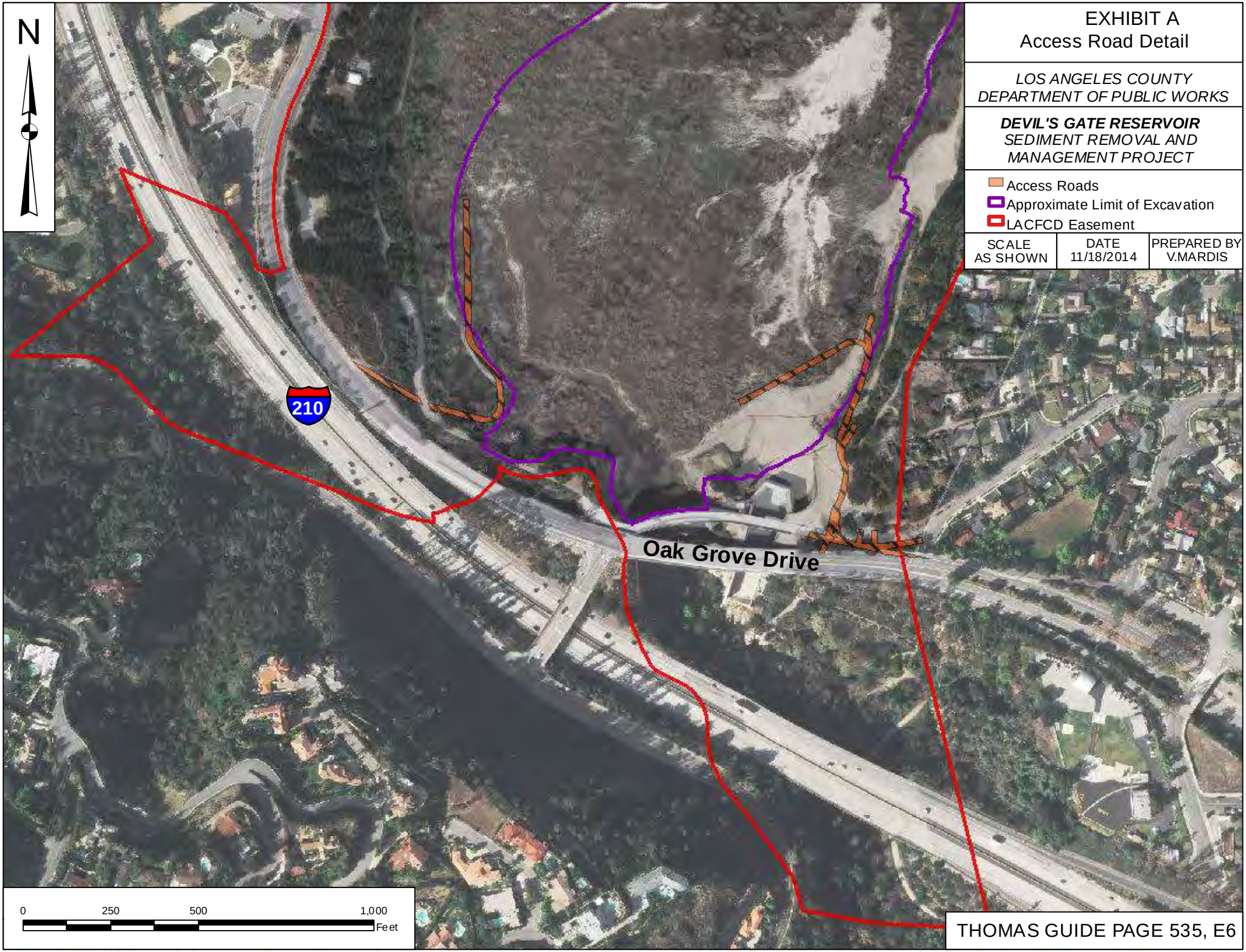
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EXHIBIT A
Access Road Detail
LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS
DEVIL'S GATE RESERVOIR
SEDIMENT REMOVAL AND
MANAGEMENT PROJECT
Access Roads
Approximate Limit of Excavation
LACFCD Easement
SCALE
AS SHOWN
DATE
11/18/2014
PREPARED BY
V.MARDIS
210
Oak Grove Drive
0
250
500
1,000
Feet
THOMAS GUIDE PAGE 535, E6

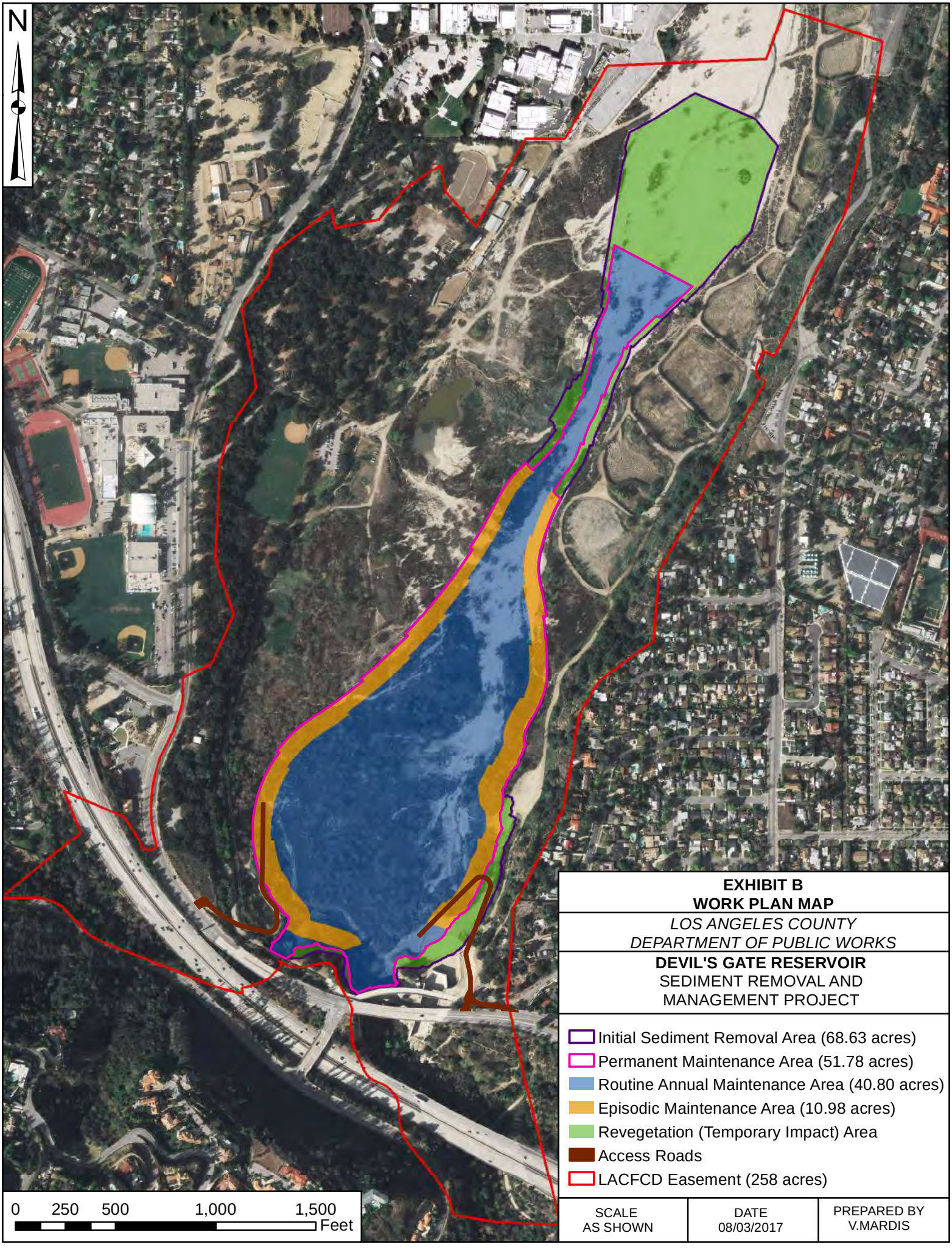

EXHIBIT B
WORK PLAN MAP

LOS ANGELES COUNTY
DEPARTMENT OF PUBLIC WORKS

DEVIL'S GATE RESERVOIR
SEDIMENT REMOVAL AND
MANAGEMENT PROJECT

- Initial Sediment Removal Area (68.63 acres)
- Permanent Maintenance Area (51.78 acres)
- Routine Annual Maintenance Area (40.80 acres)
- Episodic Maintenance Area (10.98 acres)
- Revegetation (Temporary Impact) Area
- Access Roads
- LACFCD Easement (258 acres)

SCALE	DATE	PREPARED BY
AS SHOWN	08/03/2017	V.MARDIS

Exhibit C

Vegetation Communities (2016)

Map Features

- Initial Project Footprint [1]
- Access Roads[1]
- Annual Maintenance Footprint [1]

Vegetation Name

- Artemisia californica - Eriogonum fasciculatum Shrubland Alliance
- Baccharis salicifolia Shrubland Alliance
- Brassica nigra and other mustards Herbaceous Semi-Natural Alliance
- Conium maculatum Herbaceous Semi-Natural Alliance 30% Lepidium latifolium
- Depression/Bare ground
- Disturbed
- Eucalyptus (globulus, camaldulensis) Woodland Semi-Natural Alliance
- Fraxinus velutina Forest Alliance
- Landscaped
- Lepidium latifolium Herbaceous Semi-Natural Alliance
- Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
- Lepidospartum squamatum Shrubland Alliance
- Lepidospartum squamatum Shrubland Alliance - Sparse
- Platanus racemosa Woodland Alliance Disturbed
- Quercus agrifolia Woodland Alliance
- Rumex crispus Herbaceous Semi-Natural Alliance
- Salix gooddingii Woodland Alliance
- Salix gooddingii Woodland Alliance - Sparse
- Xanthium strumarium Herbaceous Alliance

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\Vegetation\Vegetation\v1\DG_Vegetation_Ecorp2016.mxd (MAG)-mguidry 5/19/2016

2014-003.008 Devil's Gate Sediment Removal Project

DRAFT - FOR REVIEW ONLY

Scale in Feet
0 600

Photo Source: NAIP 2014
[1] LADPW

Map Date: 5/19/2016

CERTIFICATION OF CLEAN EQUIPMENT

Project Name:_____

Lake or Streambed Alteration Agreement Notification Number: 1600- - -R5

I certify that the following equipment is clean of soil, seeds, vegetative matter, other debris, or adult, juvenile, or eggs of aquatic invasive animals, and has been decontaminated. Cleaning and decontamination was performed outside of the bed, bank, or channel of a stream and the bed or shore of a lake. Rinse water was properly contained and disposed of according to applicable federal, state, and local laws and ordinances enacted and in force at the time.

Equipment Description	License Plate/Identification #		Cleaning Location	Date Cleaned	Comments * Repeat decontamination is required only if the equipment/clothing is removed from the site, exposed to contaminants listed in certification statement (above), and returned to the project site
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			
		IN			
		OUT			

_____ _____

Signature of Permittee or designee Date

Certification is needed any time equipment is moved into Project work area and prior to leaving the Project work area for this Project.

Exhibit E

Devil's Gate Mitigation Areas

Map Features

- Initial Project Footprint [1]
- Annual Maintenance Footprint [1]
- Side Slopes [1]
- Access Roads[1]

Waters of the U.S.[2]

- Non-wetland Waters of the U.S.
- Wetland Waters of the U.S.

Mitigation Areas

- DG-1 (5.90 acres)
- DG-2 (5.15 acres)
- DG-2A (0.10 acres)
- DG-2B (0.38 acres)
- DG-3A (1.13 acres)
- DG-3B (Alta Dena) (0.62 acres)
- DG-4 (30.59 acres)
- DG-4A (5.59 acres)
- DG-4B (0.54 acres)
- DG-4C (0.45 acres)
- DG-4D (2.32 acres)
- DG-5 (0.26 acres)
- DG-6 (1.46 acres)
- DG-7 (Temp Impacts) (1.41 acres)
- DG-8 (Temp Impacts) (0.87 acres)
- DG-9 (Temp Impacts) (14.12 acres)
- DG-Park-Drainage (0.03 acres)
- DG-SF-1 (0.06 acres)
- DG-SF-2 (0.03 acres)
- DG-W-1 (3.44 acres)
- DG-W-2 (2.13 acres)
- DG-W-2 (Outlet) (0.13 acres)

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ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

2014-003.008 Devils Gate Mitigation Plan

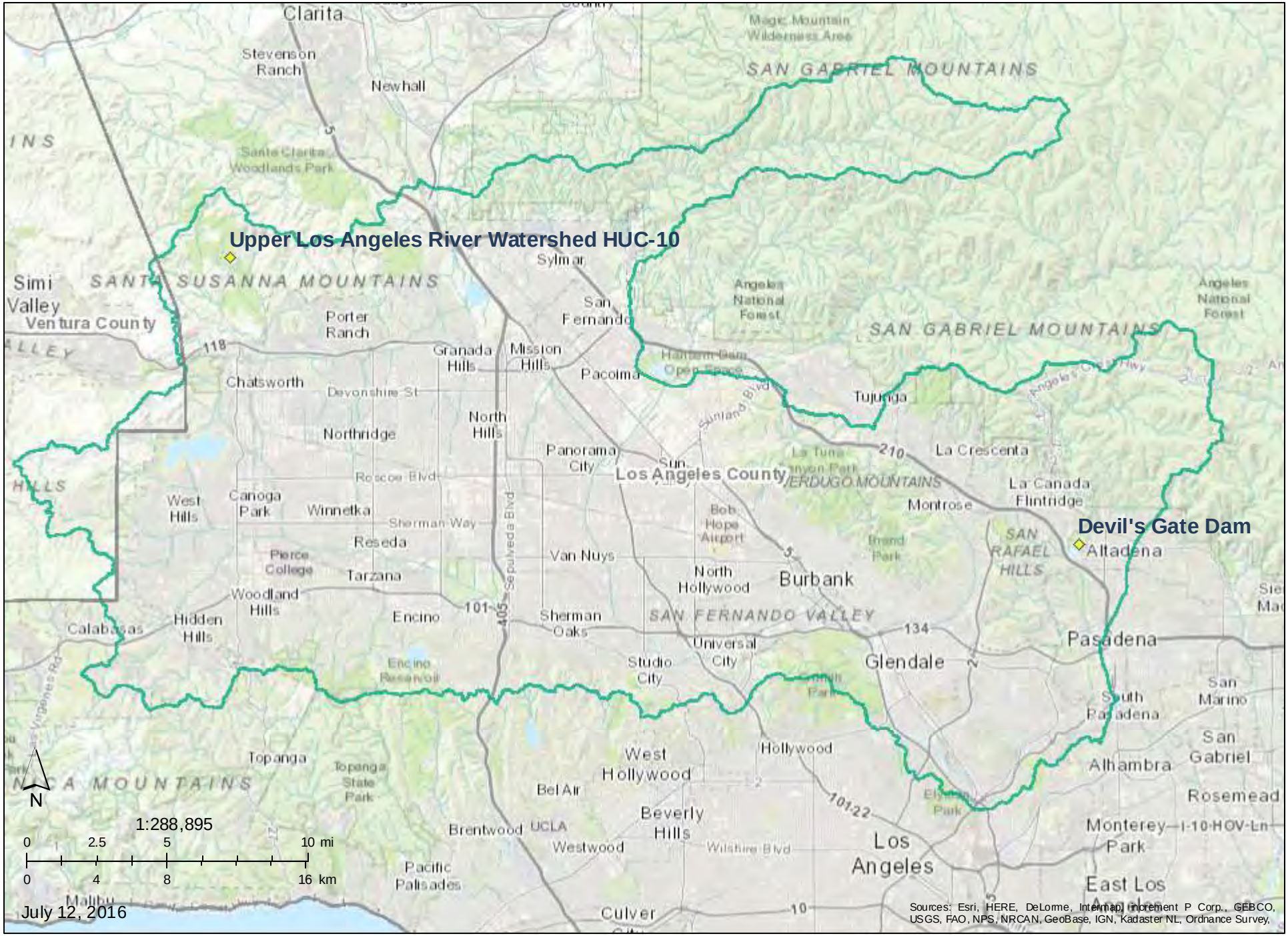
Scale in Feet
0 600

Photo Source: NAIP 2014
[1] LADPW
[2] ECORP and Chambers

Map Date: 7/7/2016

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\Mitigation_Plan\HMP\Devils_Gate_v1\DG_Mitigation_Areas_20160628.mxd (JDS/MAG)-mgulitry 7/7/2016

Exhibit F



Author: mchirdon

Printed from http://bios.dfg.ca.gov. See attached Table for sites that need decontamination

Exhibit F

Table 1
Reaches Requiring Decontamination for Streambed Alteration Agreement 1600-2015-0263-R5
Los Angeles County Flood Control District Soft-Bottomed Channels and Devil's Gate Dam Long-Term Agreement

Waters Name	Area (acres)	Length (feet)	Latitude	Longitude	Cross streets	Latitude	Longitude	Cross Streets	Aquatic Invasive Species Risk	Decon--taminate Prior	Decon-taminate After	Watershed HUC-10
1 - Bell Creek-MTD 963 M.C.I.	0.9	197	34.20267	-118.65899	962' u/s of Highlander Rd	34.20242	-118.65843	766' u/s of Highlander Rd	LOW	YES*	YES†	Upper Los Angeles
2 - Dry Canyon (Calabasas) PD T1845	1.24	1549	34.14711	-118.63044	676' u/s Park Ora	34.15177	-118.63181	870' d/s Park Ora	LOW	YES*	YES†	Upper Los Angeles River
3 - Santa Susana Ck M.C.I.	0.06	99	34.27091	-118.60975	5560' N of Devonshire St	34.27096	-118.60990	5635' N or Devonshire St	LOW	YES*	YES†	Upper Los Angeles River
4 - Browns Creek	3	1303	34.27161	-118.59078	1895' u/s of Rinaldi St	34.27502	-118.59174	556' u/s of Rinaldi St	LOW	YES*	YES†	Upper Los Angeles River
5 - Caballero Creek M.C.I. (West Fork)	1.3	654	34.14974	-118.53685	890' u/s of Reseda Blvd	34.15061	-118.53665	238' u/s of Reseda Blvd	LOW	YES*	YES†	Upper Los Angeles River
6 - Caballero Creek M.C.I. (East Fork)	0.35	164	34.14991	-118.53642	588' u/s of Reseda Blvd	34.15027	-118.53674	428' u/s of Reseda Blvd	LOW	YES*	YES†	Upper Los Angeles River
7 - Bull Creek M.C.O.	5.61	2704	34.17875	-118.4978	165' d/s of c/l of Victory Blvd	34.18617	-118.49778	Confluence w/ Los Angeles River	LOW	YES*	YES†	Upper Los Angeles River
8 - Hayvenhurst Drain - Project 470 Outlet	0.3	218	34.16421	-118.49153	Havenhurst	34.16472	-118.49105	Ventura Fwy	LOW	YES*	YES†	Upper Los Angeles River
9 - Project 106 Outlet	0.12	120	34.18557	-118.47502	400' d/s of Victory Blvd	34.18524	-118.47502	520' d/s of Victory Blvd	LOW	YES*	YES†	Upper Los Angeles
10 - Project No 469	7.12	4084	34.18843	-118.47365	751' d/s of Victory Blvd	34.18477	-118.48406	LA River (4945' d/s of Victory Blvd)	LOW	YES*	YES†	Upper Los Angeles River
14 - May Channel (M.C.O. into Pacoima Cyn)	0.63	588	34.31194	-118.41056	3038' d/s of Hubbard St	34.31058	-118.40975	3728' d/s of Hubbard St/Conf. W/ Pacoima Cyn	LOW	YES*	YES†	Upper Los Angeles River
15 - Pacoima Wash	5.25	4656	34.22734	-118.45947	159' d/s of Parthenia	34.21471	-118.45828	1187' d/s of Lanark St	LOW	YES*	YES†	Upper Los Angeles River

* If implementing Condition 2.63 *et. seq*. prior decontamination is required upon equipment entering from another watershed. After initial decontamination no additional Aquatic Invasive Species decontamination pursuant Conditions 2.64-2.66 is necessary if moving equipment within watershed and among reaches denoted by *

† If implementing Condition 2.63 *et. seq*. decontamination after work is completed is required upon equipment leaving for another watershed. After initial decontamination no additional Aquatic Invasive Species decontamination pursuant Condition 2.64-2.66 is necessary if moving equipment within watershed and among reaches denoted by †

Exhibit F

Table 1
Reaches Requiring Decontamination for Streambed Alteration Agreement 1600-2015-0263-R5
Los Angeles County Flood Control District Soft-Bottomed Channels and Devil's Gate Dam Long-Term Agreement

Waters Name	Area (acres)	Length (feet)	Latitude	Longitude	Cross streets	Latitude	Longitude	Cross Streets	Aquatic Invasive Species Risk	Decon--taminate Prior	Decon-taminate After	Watershed HUC-10
16 - Verdugo Wash-Las Barras Cyn (chnl inlet)	0.07	131	34.23318	-118.27123	157' u/s of conf. w/Las Barras Cyn Chnl	34.23310	-118.27142	27' u/s of conf. w/Las Barras Cyn Channel	LOW	YES*	YES†	Upper Los Angeles
18 - Engleheard Channel	1.1	744	34.20773	-118.24328	800' u/s of conf. w/ Verdugo Wash	34.20707	-118.24096	Conf. w/ Verdugo Wash	LOW	YES*	YES†	Upper Los Angeles River
19 - Pickens Canyon	3.42	2461	34.22852	-118.22765	Crib dam No.7	34.22224	-118.22892	Pickens Debris Basin	LOW	YES*	YES†	Upper Los Angeles River
20 - Webber Chnl (strm @ private bridge)	0.13	123	34.22804	-118.21786	861' u/s of Los Amigos St	34.22792	-118.21801	746' u/s of Los Amigos St	LOW	YES*	YES†	Upper Los Angeles River
21 - Webber Chnl (main chnl inlet d/s bridge)	0.03	25	34.22753	-118.21875	496' u/s of Los Amigos St	34.22750	-118.21879	471' u/s of Los Amigos St	LOW	YES*	YES†	Upper Los Angeles River
22 - Halls Canyon	2.63	2465	34.22228	-118.22217	1370' u/s of Jessen Dr	34.22315	-118.22090	Halls Cyn Debris Basin	LOW	YES*	YES†	Upper Los Angeles River
96 - PD 1591, Calabassas	0.92	532	34.14607	-118.63025	85' u/s of culvert under Vicasa Drive	34.14675	-118.63043	360' d/s of culvert under Vicasa Drive	LOW	YES*	YES†	Upper Los Angeles RIver
100 - Dry Canyon Calabasas Creek Inlet	0.05	114	34.1556	-118.6328	1835' u/s of Ave San Luis	34.15534	-118.63259	1775' u/s of Ave San Luis	LOW	YES*	YES†	Upper Los Angeles River

* If implementing Condition 2.63 *et. seq*. prior decontamination is required upon equipment entering from another watershed. After initial decontamination no additional Aquatic Invasive Species decontamination pursuant Conditions 2.64-2.66 is necessary if moving equipment within watershed and among reaches denoted by *

† If implementing Condition 2.63 *et. seq*. decontamination after work is completed is required upon equipment leaving for another watershed. After initial decontamination no additional Aquatic Invasive Species decontamination pursuant Condition 2.64-2.66 is necessary if moving equipment within watershed and among reaches denoted by †

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

MARK PESTRELLA, Director

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ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
http://dpw.lacounty.gov

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

July 17, 2018

IN REPLY PLEASE
REFER TO FILE: SWE-5

Mr. Ed Pert, Regional Manager
Streambed Alteration Program
California Department of Fish and Wildlife, Region 5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Attention Ms. Erinn Wilson

Dear Mr. Pert:

DEVIL'S GATE RESERVOIR SEDIMENT REMOVAL AND MANAGEMENT PROJECT
AMENDMENT OF STREAMBED ALTERATION AGREEMENT
NOTIFICATION NO. 1600-2015-0263-R5

Enclosed are two original signed copies of the Amendment of Lake or Streambed Alteration Agreement We appreciate your collaboration on this important project and look forward to continued work with you.

If you have any questions, please contact Mr. George De La O at (626) 458-7155 or gdelao@dpw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works

Christopher Stone

CHRISTOPHER STONE
Assistant Deputy Director
Stormwater Engineering Division

VM:vt
P:\wrd\SEDIMENT\PROJECTS\RESERVOIRS\DEVIL'S GATE\Permits\CDFW\DG CDFW SAA Amend 2 Letter 20180713.doc

Enc.

State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
South Coast Region
3883 Ruffin Road
San Diego, CA 92123
(858) 636-3160
www.wildlife.ca.gov

EDMUND G. BROWN, Jr., Governor
CHARLTON H. BONHAM, Director

July 17, 2018

Christopher Stone
Los Angeles County Flood Control District
900 S. Fremont Ave.
Alhambra, CA 91803
CSTONE@dpw.lacounty.gov

Dear Mr. Stone:

Amendment of Lake or Streambed Alteration, Notification No. 1600-2015-0263-R5, Devil's Gate Dam Sediment Removal and Management Project

On March 21, 2017 the California Department of Fish and Wildlife (CDFW) executed the Final Streambed Alteration Agreement 1600-2015-0263-R5 (Agreement) for the Devil's Gate Sediment Removal and Management Project (Project). On May 17, 2017 a Peremptory Writ of Mandate was issued by the California Superior Court (Los Angeles County) regarding the environmental impact report relied upon by the Los Angeles County Flood Control District (Lead Agency) under California Environmental Quality Act (CEQA, SCH 2011091084) and a Recirculated Final Environmental Impact Report (RFEIR) was required by the court. CDFW, as a CEQA responsible agency, relied on the Lead Agency's environmental impact report to issue the Agreement. The Recirculated portions of the RFEIR was circulated for public and agency review and comment from July 24, 2017 to September 18, 2017 and recertified by Lead Agency on November 7, 2017. The CDFW received notice on December 6, 2017 of the Order Discharging Peremptory Writ of Mandate (Discharged Writ) for the matters before the Los Angeles County Superior Court related to the RFEIR.

The Discharged Writ was issued because the Court found that the RFEIR disclosure, analysis, and revision of mitigation measures complied with the Peremptory Writ of Mandate that the Final EIR for the Project, for Alternative 3, Configuration D (Approved Project), and for Alternative 5 (Haul Route Alternative) related to: 1) the 1:1 mitigation ratios in Mitigation Measures BIO-6, -7, and -8; 2) the imposition of Mitigation Measures BIO-1 through 8 on the proposed Devil's Gate Water Conservation Project, should such a project go forward, to reduce potential cumulative impacts for this Project; and 3) the requirement, in Mitigation Measure AQ-1, that sediment removal dump trucks meet Environmental Protection Agency's emission standards for Model Year 2010 or later.

The CDFW under its sole discretion has decided to amend the Agreement (see page 39 "Amendment") to reflect changes to the environmental impact report that appear in the RFEIR. CDFW hereby amends the Agreement with addition and revision of the

following conditions (insertions in **bold underline**, deletions in ~~red strikeout~~ type face). All other conditions in the Agreement remain in effect unless otherwise noted herein

Page 3 of 49

Initial Sediment Removal Area. The ~~68.63~~ **65.56** acre area where the initial excavation of sediment and debris will occur.

Permanent Maintenance Area. The ~~51.78~~ **49.39** acre area to be maintained for flood capacity. This includes the Routine Annual Maintenance Area and the Episodic Maintenance Area.

Routine Annual Maintenance Area. The ~~40.80~~ **42.05** acre area where annual maintenance of the facility will occur (see Exhibit B).

Episodic Maintenance Area. The ~~10.98~~ **7 34** acre area side slope proposed at 3:1 (V:H) grade (see Exhibit B). where occasional maintenance will occur. This area is within the Permanent Maintenance Area, abuts Routine Annual Maintenance Area and forms transitional habitat with Habitat Restoration Area.

Habitat Restoration Area. The 77.01 acre area in the reservoir subject to minor land alteration, vegetation management, and planting of native plants. This area is outside the Permanent Maintenance Area (See Exhibit E).

Sediment Removal Program

This phase of project is limited to the restoration of a public facility, through excavation within the ~~68.63~~ **65.56**-acre Initial Sediment Removal Area (see Exhibit B, Work Plan Map) and transition to long term Permanent Maintenance Area, composed of a total of ~~51.78~~ **49.39** acres that consists of ~~40.8~~ **42.05** acres for Routine Annual Maintenance, and ~~10.98~~**7 34** acres for Episodic Maintenance Areas for the term of this Agreement. Sediment removal will not involve expansion of use beyond that of the designed facility. The proposed initial excavation is to mechanically remove ~~2.4~~**1 7** Million Cubic Yards (MCY) of post-fire debris from the Initial Sediment Removal Area within Devil's Gate Reservoir. The location of the Initial Sediment Removal Area was selected to maximize the efficient removal of post-fire debris while at the same time, avoid and minimize sensitive habitats and sensitive species impacts. Sediment levels behind Devil's Gate Dam will be brought down to 986 feet above mean sea level (msl) to eliminate the threat to the dam outlet works and comply with standards as set by the State Water Resources Division of Safety of Dams (DSOD). The Initial Sediment Removal Area will then slope upwards to ~~995~~**1,000** feet above msl where the basin will constrict and increase in elevation to 1,040 feet above msl, and widen again to meet final elevation of 1,060 feet above msl approximately ~~4,700~~4,**788** linear feet upstream from the dam. Devil's Gate Reservoir is routinely drained after every storm; therefore, it will not be

necessary to drain the facility for non-routine activities.

Page 4 of 49, 4th paragraph

The ~~2-4~~ **1 7** MCY of sediment and debris in the ~~68-63~~**65.56**-acres Initial Sediment Removal Area includes established native and non-native vegetation that will be removed. Vegetation and organic debris will be separated from the sediment and hauled to Scholl Canyon Landfill in the City of Glendale. Project Start is estimated to take place in the Fall of ~~2017~~**2018**. In subsequent years of sediment removal, vegetation and organic debris will be hauled to Scholl Canyon Landfill.

Page 4 of 49, 6th paragraph

Permanent Maintenance Program
Once excavation is complete for this project, annual maintenance of the facility will occur within the ~~40-80~~ **42.05** acre Routine Annual Maintenance Area (see Exhibit B). Vegetation management and sediment removal within the ~~40-80~~ **42.05** acre Routine Annual Maintenance Area will occur for the life of this Agreement. Excavation over the lifetime of the project within the ~~40-80~~ **42.05** acre Routine Annual Maintenance Area will be hauled to disposal sites previously authorized by Permittee (see Figures 2.5-2,-3-4 from Final Environmental Impact Report). Trucks hauling sediment will access the reservoir from an existing maintenance road east of Devil's Gate Dam and exit via a proposed upgraded access road on the western edge of Devil's Gate Dam that will exit on to Oak Grove Drive (see Exhibit A). Vegetation within the Routine Annual Maintenance Area will be mowed or grubbed annually over a 2 to 12 week period in late summer or early fall.

Page 5 of 49, 2nd paragraph

Episodic Maintenance within the ~~10-98~~ **7 34** acre (horizontal projection) Episodic Maintenance Area will initially include planting with appropriate native plants and thereafter annual undesirable plant control (using herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches). In the event of a large debris flow or hyper concentrated flood[3] Episodic Maintenance would involve the need for sediment excavation/trucking off site. The types of equipment involved in excavation may include those similar to the initial sediment removal phase including, but not limited to, front loaders with four-yard buckets, bulldozers, excavator, grader, water truck, and tender trucks. Vehicles expected to be used for sediment

[3] **Debris flow:** A mix of water and debris, which may include particles ranging in size from clay to boulders and may contain woody debris and other materials, that flows down a stream channel or steep slope, sometimes at great velocity, and contains more than 60 percent debris (less than 40 percent water) by volume. **Hyper-concentrated flood:** A moving mixture of sediment and water containing between 20 and 60 percent sediment by volume.

hauling include double dump trucks with an 18 cubic yard (CY) capacity or equivalent.

Page 5 of 49, 3rd paragraph

After Episodic Maintenance the side slopes would be returned to the proposed 3:1 (V:H) grade, and the ~~10 98~~ **7 34** acre area will be subject to the continuing annual undesirable plant control. Because this area is restricted from a general right of public access, and will be subject to undesirable plant control, it is anticipated to be revegetated naturally after periodic large debris flow or hyper concentrated floods.

Page 6 of 49, 6th paragraph

Native Plants: Nevin's barberry *(Berberis nevinii),* Plummer's mariposa lily *(Calochortus plummerae),* Greata's aster (*Symphyotrichum gretae),* Parry's spineflower (*Chorizanthe parryi var. parryi),* slenderhorned spineflower (*Dodecahema ieptoceras),* mesa horkelia (*Horkelia cuneata ssp. puberula),* white rabbit-tobacco (*Pseudognaphalium leucocephalum),* Parish's gooseberry (*Ribes divaricatum var. parishii),* black willow thickets, mulefat thickets, riparian herbaceous, coast live oak woodland, scale broom scrub, and all other aquatic and wildlife resources in the area, including the riparian vegetation which provides habitat for such species in the area. These resources are further detailed and more particularly described in the document(s): "Devil's Gate Reservoir Sediment Removal and Management Project Final Environmental Impact Report " dated October 2014, prepared for Los Angeles County of Department of Public Works by Chambers Group; ~~,~~ **Biological Technical Report (November 2010), Final Sediment Transport Capacity Analysis (January 2013), and the Noise and Traffic Reports (September & October 2013, respectively), Recirculated EIR for the Project and response to comments (July and October 2017, respectively), Revised Board Motion (November 7, 2017), Notice of Determination for Recirculated Final Environmental Impact Report, Order Discharging Peremptory Writ of Mandate (December 5, 2017),** " Lake and Streambed Alteration Notification Package - Devil's Gate Dam and Reservoir Sediment Removal Project" dated December 11, 2015, prepared for CDFW by Permittee complete with all attachments and exhibits, Revised vegetation mapping and impact analysis for Devil's Gate Dam and Sediment Removal Project dated May 19, 2016 by ECORP Consulting, Inc., revised assessment of temporary impact areas and incorporation of Episodic Maintenance area dated May 5, 2016.

Page 7 of 49, 1st paragraph

Project Impacts
The adverse effects the project could have on the fish or wildlife resources identified above include a total of ~~68 63~~ **65.56** acres subject to Department jurisdiction to implement the Initial Sediment Removal After Initial Sediment Removal ~~51 78~~ **49.39** acres will be maintained for flood capacity through Routine Annual Maintenance and Episodic Maintenance (see above). Additionally, in order to implement compensatory

mitigation for the project, 77.01 acres subject to the Department's jurisdiction outside the Permanent Maintenance Area, will be subject to minor surface alteration of the land, vegetation management, and application of herbicides. The following impacts would occur to vegetation communities within the ~~68.63~~ **65.56** acres necessary for Initial Sediment Removal.

Page 7 of 49, 2nd paragraph

Total Permanent Project Impacts
Permanent impacts to ~~40 80~~ **42.05** acres of vegetation communities and land cover classifications from initial sediment removal include the removal of ~~16 27~~**15.64** acres of *Salix gooddingii* Alliance (black willow thickets), ~~1.82~~**1 97** acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), ~~8.03~~**9 71** acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), ~~9.88~~**10.24** acre *Lepidium latifolium-Conium maculatum* herbaceous semi-natural stand, ~~2.45~~**2 61** acre *Conium maculatum* herbaceous semi-natural stand, ~~2.33~~**1 80** acres non-native or disturbed (including ~~1 0~~**0.67** acre *Xanthium strumarium* herbaceous stand, ~~1.33~~**1 13** acres disturbed (trails/barren/IMP Area)), ~~0.02~~**0 01** acre *Artemisia californica-Eriogonum fasciculatum* California sagebrush-California buckwheat scrub. Additionally, there are expected permanent impacts to individual California live oak trees (*Quercus agrifolia)* **in an area of approximately 0.06 acre. The impacts** ~~that~~vary from direct impacts, resulting in complete removal to a limited number of individual trees~~,~~ and indirect impacts to individual **trees that are located in close proximity to areas where direct impacts will occur. The** indirect impact**s** are undetermined at this time because the area's hilly topography may not result in any significant effect or project disturbance**s** may be avoided al~~l~~together based on project design modifications**.** ~~made from incorporating~~**Measures to** avoid~~ance~~ **impacts to**~~of~~ oak trees **will be** identified **following the completion of the** ~~in t~~tree ~~monitoring report~~**survey that is** required prior to **the start of the** Project~~start~~

Page 7 of 49, 3rd paragraph

Total Temporary Project Impacts
Temporary impacts to ~~27.83~~ **23.52** acres subject to Department jurisdiction consisting of vegetation communities and land cover classifications will occur from Initial Sediment Removal, worksite access, and installation of side-slopes in Episodic Maintenance Area. These areas contain ~~12 70~~ **13.16** acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), ~~5.89~~ **4 65** acres of *Salix gooddingii* Alliance (black willow thickets), ~~3.41~~ **2 11** acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), ~~1.97~~ **0.06** acres disturbed (trails/barren/IMP Area), ~~1.24~~ **0 72** acre *Lepidium latifolium-Conium maculatum* herbaceous semi-natural stand, ~~1.70~~ **1 19** acres *Conium maculatum* herbaceous semi-natural stand, 0.5~~0~~**7** acre *Xanthium strumarium* herbaceous stand, 0.**2**~~0~~**7** acre *Quercus agrifolia* coast live oak (trees), ~~0 07 acre *Eucalyptus (globulus, camaldulensis)* Semi-natural stand~~, 0 ~~0~~**812** acre *Artemisia californica- Eriogonum fasciculatum* California sagebrush-California buckwheat scrub.

The following Conditions have been added or amended:

1.11 The Permittee shall fully implement all mitigation measures identified in the Final Environmental Impact Report (FEIR) and as revised by Recirculated FEIR (RFEIR). All Conditions, Studies, and mitigation measures relating to biological resources identified in the FEIR and RFEIR shall be enforceable by CDFW as terms of this Agreement.

2.1 Work Period. Initial Vegetation Removal work within the Initial Sediment Removal Area shall be confined to the period starting September 15 to February 1, in the year(s) of ~~2017~~**2018** to ~~2019~~ **2020**, unless otherwise requested by Permittee and approved by CDFW in writing. Excavation shall be confined to April 15 to December 31 Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time. Routine Annual Maintenance or Episodic Maintenance work involving vegetation management and/or excavation is specifically addressed in Conditions 2.40 to 2.72 below.

2.41 Permittee shall implement Routine Annual and Episodic Maintenance in conformance with the Project Description and the following Conditions in this Agreement. The Permittee shall remove all human generated debris, such as cuttings, garbage and trash. The Permittee shall remove washed out culverts, and other construction materials, that the Permittee places within, or where they may enter the stream. Routine Annual Maintenance activities shall be limited to the inspection, routine maintenance (e.g., fence repair, minor maintenance of access roads, graffiti removal, trash removal, weed abatement, etc.) sediment removal, and vegetation management (annually) within the approved Routine Annual Maintenance Area (~~40.80~~ **42.05** acres) footprint. Vegetation may be mowed annually and when necessary for capacity reasons the root zone may be grubbed. Sediment removal may be implemented by: 1) sediment excavation and hauling off site; and 2) Flow-Assisted Sediment Transport (FAST). Episodic Maintenance within the ~~10.98~~ **7 34** acre (horizontal projection) side slope area may include annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (e.g., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood sediment excavation/trucking off site. If additional major maintenance/repair work is required a separate Agreement is required for said repairs.

2.42 Work Period. Vegetation Management work shall be confined to September 15 to February 1 starting approximately in ~~2023~~**2024** until ~~2037~~ **2038**. The general days and hours of the week that Permittee should conduct Routine Annual Maintenance is Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time.

Table 3.0 Compensatory Mitigation [Permanent] Requirements for Creation and Restoration

IMPACTS TO VEGETATION COMMUNITIES	COMPENSATORY MITIGATION REQUIREMENT			
	PERMANENT IMPACTS	Creation	Restoration	Total
Salix gooddingii Woodland Alliance	~~16.27~~15.64	~~16.27~~15.64	~~22.31~~21.44	~~38.58~~37.08
Baccharis saltifolia Shrubland Alliance	~~8.03~~9 71	~~8.03~~9 71	~~4.83~~5 84	~~12.86~~15.55
Lepidospartum squamatum Shrubland Alliance	~~1.82~~1 97	~~1.82~~1 97	~~7.28~~7 88	~~9.1~~9 85
Artemisia californica -Eriogonum fasciculatum Shrubland Alliance	~~0.02~~0 01	~~0.02~~0 01	~~0.04~~0.02	~~0.06~~0.03
Conium maculatum Herbaceous Semi-Natural Alliance*	~~2.45~~2.61	0.00	~~1.23~~1.31	~~1.23~~1.31
Lepidium latifolium - Conium maculatum Herbaceous Semi-Natural Alliance*	~~9.88~~10.24	0.00	~~4.94~~5 12	~~4.94~~5 12
Xanthium strumarium Herbaceous Alliance (Unofficial Alliance)	~~1.00~~0 67	0.00	~~1.50~~1.00	~~1.50~~1.00
Disturbed/Developed	~~1.33~~1 13	0.00	0.00	0.00
TOTAL COMPENSATORY MITIGATION REQUIRED		~~26.14~~27.33	~~42.13~~42.61	~~68.27~~69.94
TOTAL PERMANENT IMPACTS	~~40.80~~41.98			

3.2 Mitigation for Temporary Impacts. The total of ~~27 83~~ **23.52** acres of temporary impacts, described in detail in the Project Description, shall be established and maintained pursuant to the following requirements:

a. The Permittee shall mitigate the temporary impacts to 16.~~85~~**17** acres of vegetation and habitat communities located in restoration areas designated (DG3B, DG 7, DG 8, DG 9, See Exhibit E) by delaying impacts to temporary impact areas until 3rd year of sediment removal project and implement restoration pursuant to Habitat Restoration Plan (see Condition 3.9, below) with 24 months of impacts (see Condition 3.5), and maintained pursuant to Habitat Management Plan (see Condition 3.10).

b. The ~~10 98~~ **7 34** acre (horizontal projection, see Exhibit B) Episodic Maintenance Area will include initially planting with appropriate native plants and thereafter annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood Episodic Maintenance would involve the need for sediment excavation/trucking offsite. After Episodic Maintenance the side slopes would be returned to proposed 3:1 (V:H) grade, and the ~~10.98~~ **7 34** acre area will be subject to the continuing annual undesirable plant control.

3.4 Establish Permanent Cross-Section. Permittee shall establish single cross section, established by monument, at upstream limit of Permanent Maintenance Area to document condition and be comparable overtime. The annual monitoring of cross section should be conducted immediately following the high flow season

and include the physical measurements of the site, photos from a fixed photographic station, and if applicable results from interviews with local persons, Permittee, or Permittee's assignees that had important observations. The cross-section and photographic station shall be monitored and reported to CDFW according to the following sub-measures.

a. Initial Monitoring. Permittee shall monitor cross section annually for the first 5 years following Initial Sediment Removal, estimated at ~~2-4~~ **1 7** mcy plus any additional annual deposits, and as soon as feasible after the first major high flow event. If major high flow event occurs in the first 5 years of monitoring then frequency of future monitoring will be adjusted by CDFW based on consultation with Permittee. Monitoring frequency adjustments shall be based on results of annual monitoring and high flow observations.

b. Long-term Monitoring. Permittee shall monitor cross section every once every 5 years and immediately after a major high flow event for the duration of this Agreement.

Page 36 of 49

TERM

This Agreement shall expire on ~~March 31, 2037~~ **June 31, 2038**, unless it is terminated or extended before then. All provisions in the Agreement shall remain in force throughout its term. Permittee shall remain responsible for implementing any provisions specified herein to protect fish and wildlife resources after the Agreement expires or is terminated, as FGC section 1605(a)(2) requires.

Please sign and return two copies of this letter to acknowledge the amendment. The amendment becomes valid once the letter is signed by CDFW. Copies of the Agreement and this amendment must be readily available at project worksites and must be presented when requested by a CDFW representative or agency with inspection authority.

If you have any questions regarding this letter, please contact Steve Gibson, Senior Environmental Scientist (Specialist) at (562) 342-2106 or by email at steve.gibson@wildlife.ca.gov.

Sincerely,

Erinn Wilson, Environmental Program Manager

ec: Veronica Mardis, LACFCD vmardis@dpw.lacounty.gov

ACKNOWLEDGEMENT

I hereby agree to the above-referenced amendment.

Print Name: Christopher Stone Date: July 17, 2018

Signature: Christopher Stone

APPENDIX B

Photo Documentation

Photo 1: Phase 3, DG-4 WOUS during container plant installation.

Photo 2: Phase 3, DG-4 WOUS after container plant installation.

Photo 3: Phase 3, DG-4 WOUS connections before container plant installation.

Photo 4: Phase 3, DG-4 WOUS connections before container plant installation.

Photo 5: Phase 3, DG-4 WOUS connections after container plant installation.

Photo 6: Phase 3, DG-4 WOUS connections after container plant installation.

Photo 7: Phase 3, DG-4A before container plant installation.

Photo 8: Phase 3, DG-4A after container plant installation.

Photo 9. Phase 3, Side Slopes before hydroseeding.

Photo 10: Phase 3, Side Slopes during hydroseeding.

Photo 11. Phase 3, Side Slopes during hydroseeding.

Photo 12: Phase 3, Side Slopes after hydroseeding.

Photo 13: Phase 3, Flint Wash before hydroseeding.

Photo 14: Phase 3, Flint Wash during hydroseeding.

Photo 15: Phase 3, Flint Wash during hydroseeding.

Photo 16: Phase 3, Flint Wash after hydroseeding.

APPENDIX C

CNDDB 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
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information

Phenology:

_____ % vegetative _____ % flowering _____ % fruiting

Animal Information

1 # 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)

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1038

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone

DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○

Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information

Phenology:

_____ % vegetative _____ % flowering _____ % fruiting

Animal Information

1 # 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)

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1038

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone

DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○

Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no

Mail to:
California Natural Diversity Database
California Dept. of Fish & Wildlife
P.O. Box 944209
Sacramento, CA 94244-2090
CNDDB@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): 05/06/2024

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 NDDB occurrence? _____ Yes, Occ. # ☒ No ☐ Unk.

Collection? If yes: _____ Number _____ Museum / Herbarium

Reporter: Sam Harrison; Ecorp Consulting
Address: 2861 Pullman St.
Santa Ana, CA 92705
E-mail Address: Sharrison@ecorpconsulting.com
Phone: (562) 754-8428

Plant Information

Phenology:

_____ % vegetative _____ % flowering _____ % fruiting

Animal Information

1 # adults _____ # juveniles _____ # larvae _____ # egg masses _____ # unknown

☐ wintering ☐ breeding ☐ nesting ☐ rookery ☐ burrow site ☐ lek ☒ other

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County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1038

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ Source of Coordinates (GPS, topo. map & type): Field Maps

T___ R___ Sec___, ___¼ of ___ ¼, Meridian: H○ M○ S○ GPS Make & Model: iPhone

DATUM: **NAD27** ○ **NAD83** ○ **WGS84** ○ Horizontal Accuracy: _____ meters/feet

Coordinate System: UTM Zone 10 ○ UTM Zone 11 ○ ***OR*** Geographic (Latitude & Longitude) ○

Coordinates: 34.19047, -118.17495

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):*

Biologist monitoring restoration work heard LBVI male singing for approximately five minutes within mule fat thicket in onsite restoration work area at 0702. Individual was not detected the rest of the day or during a focused LBV survey conducted on 5/8/24. Possibly a migrant passing through.

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: none

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Comments:

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: vocalization

Photographs: *(check one or more)*

	Slide	Print	Digital
Plant / animal	☐	☐	☐
Habitat	☐	☐	☐
Diagnostic feature	☐	☐	☐

May we obtain duplicates at our expense? ○ yes ○ no