

# Devil's Gate Reservoir Restoration Project Third Quarter Compliance Report Activities Occurring Between July 2021 and September 2021

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## Submitted to:

Dr. David Lin  
California Dept. of Fish & Wildlife/R5  
4665 Lampson Avenue, Suite C  
Los Alamitos, CA 90720

## Prepared for:

Mr. Keith Hala  
Los Angeles County Public Works  
Stormwater Engineering Division  
900 S. Fremont Avenue  
Alhambra, CA 91803

## Prepared by:

ECORP Consulting, Inc.  
2861 Pullman Street  
Santa Ana, CA 92705

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**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 ..... 5  
3.0 SATISFACTION OF ITP CONDITIONS ..... 9  
4.0 MITIGATION MONITORING AND REPORTING PROGRAM ..... 9

**LIST OF TABLES**

Table 1. 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 ..... 10

**LIST OF FIGURES**

Figure 2-1. Proposed Trail Map ..... 6

**LIST OF APPENDICES**

- Appendix A: Least Bell's Vireo Breeding Season Survey Reports – July through September 2021
- Appendix B: CNDDDB Submission of Least Bell's Vireo Observations
- Appendix B: Construction Monitoring Logs
- Appendix C: Habitat Restoration Monitoring Logs

## **1.0 INTRODUCTION**

### **1.1 Purpose**

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the third quarter of 2021 (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 twelfth report (Quarterly Compliance Report Number 12) 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, 2021.

## **2.0 COVERED ACTIVITIES**

### **2.1 Breeding Season Surveys**

Per Condition 7.3.4 of the ITP, "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 "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."

Twice-weekly focused surveys continued during the third quarter 2021 reporting period through the end of the least Bell's vireo breeding season per the ITP (September 15). A total of 22 focused breeding season least Bell's vireo surveys were conducted by Designated Biologists approved by CDFW and USFWS during the third quarter of 2021. Table 1 shows the twice-weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

**Table 1. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.**

Date	Designated Biologist
07/02/2021	Shannan Shaffer
07/06/2021	Shannan Shaffer
07/09/2021	Shannan Shaffer
07/13/2021	Christine Tischer
07/16/2021	Shannan Shaffer
07/19/2021	Shannan Shaffer
07/23/2021	Shannan Shaffer
07/27/2021	Shannan Shaffer
07/30/2021	Shannan Shaffer
08/02/2021	Shannan Shaffer
08/06/2021	Shannan Shaffer
08/09/2021	Shannan Shaffer
08/13/2021	Shannan Shaffer
08/16/2021	Christine Tischer
08/20/2021	Shannan Shaffer
08/23/2021	Christine Tischer
08/27/2021	Shannan Shaffer
08/31/2021	Christine Tischer
09/03/2021	Shannan Shaffer
09/10/2021	Shannan Shaffer
09/15/2021	Christine Tischer

No least Bell's vireos were documented on the Project site during the focused breeding season surveys during the third quarter of 2021. The least Bell's vireo breeding season survey reports for July, August, September 2021 are included in Appendix A.

Reports of least Bell's vireo sightings on August 1 and 8, 2021, were received by ECORP from a local resident birder that frequents the site for recreation. Both observations were of vocalizing individuals. On August 16 and 19, 2021, individual least Bell's vireos were observed foraging within the on-site habitat restoration areas by Designated Biologists monitoring on-site habitat restoration activities. It is unknown if all the observations in August 2021 were of the same individual or different individuals. Given the timing of the observations, it is not likely that the individuals were engaged in breeding activities at the Project site. The observations of the least Bell's vireo individuals were submitted to the California Natural Diversity Database (CNDDDB) on August 23, 2021. Copies of the CNDDDB submissions are included as Appendix B in compliance with Condition 6.9 of the ITP.

No breeding least Bell's vireos were documented at the Project site during the 2021 season. Weekly focused breeding season surveys for least Bell's vireo will resume in March 2022 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."

Devil's Gate Reservoir Restoration Project  
Third Quarter 2021 Compliance Report

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."

Daily monitoring of construction activities by a Designated Biologist occurred when ground-disturbing activities were taking place at the Project site. Daily monitoring of restoration activities was ongoing during the third quarter. Table 2 shows Project working dates and the biological monitors that were present on each date.

<b>Date</b>	<b>Construction Monitors</b>	<b>Restoration Monitors</b>
07/01/2021	Verity Richardson	Michael Walsh
07/02/2021	No Work - Holiday	Michael Walsh
07/03/2021	No Work - Weekend	Margie Pfeffer
07/05/2021	No Work - Holiday	No Work - Holiday
07/06/2021	Carley Lancaster & Adam Schroeder	Michael Walsh
07/07/2021	Verity Richardson	Scott Werner
07/08/2021	Verity Richardson	Michael Walsh
07/09/2021	Verity Richardson	Michael Walsh
07/12/2021	Jill Coumoutso*	Michael Walsh
07/13/2021	Jill Coumoutso*	Michael Walsh
07/14/2021	Max Murray	Scott Werner
07/15/2021	Verity Richardson	Michael Walsh
07/16/2021	Verity Richardson	Michael Walsh
07/19/2021	Max Murray	Scott Werner
07/20/2021	Adam Schroeder	Amy Plesetz
07/21/2021	Max Murray	Amy Plesetz
07/22/2021	Verity Richardson	Michael Walsh
07/23/2021	Verity Richardson	Michael Walsh
07/26/2021	Adam Schroeder & Carley Lancaster	Michael Walsh
07/27/2021	Adam Schroeder & Taylor Dee*	Michael Walsh
07/28/2021	Adam Schroeder & Carter Warwick	Scott Werner
07/29/2021	Verity Richardson & Carter Warwick	Michael Walsh
07/30/2021	Verity Richardson	Michael Walsh
08/02/2021	Adam Schroeder & Carter Warwick	Michael Walsh
08/03/2021	Jill Coumoutso*	Michael Walsh
08/04/2021	Verity Richardson	Scott Werner
08/05/2021	Verity Richardson	Michael Walsh
08/06/2021	Verity Richardson	Michael Walsh
08/09/2021	Jill Coumoutso*	Michael Walsh
08/10/2021	Max Murray	Scott Werner
08/11/2021	Max Murray	Michael Walsh
08/12/2021	Lauren Simpson*	Michael Walsh
08/13/2021	Jill Coumoutso*	Michael Walsh
08/16/2021	Verity Richardson	Scott Werner
08/17/2021	Verity Richardson	Michael Walsh
08/18/2021	Taylor Dee*	Michael Walsh
08/19/2021	Lauren Simpson*	Michael Walsh
08/20/2021	Adam Schroeder	Michael Walsh
08/23/2021	Verity Richardson	Michael Walsh
08/24/2021	Verity Richardson	Michael Walsh
08/25/2021	Jill Coumoutso*	Scott Werner
08/26/2021	Verity Richardson	Michael Walsh

**Table 2. Monitors Onsite During Work Days.**

Date	Construction Monitors	Restoration Monitors
08/27/2021	Verity Richardson	Michael Walsh
08/30/2021	Adam Schroeder	Michael Walsh
08/31/2021	Jill Coumoutso*	Michael Walsh
09/01/2021	Jill Coumoutso*	Amy Plesetz
09/02/2021	Christine Tischer*	Michael Walsh
09/03/2021	Christine Tischer*	Michael Walsh
09/06/2021	No Work - Holiday	No Work - Holiday
09/07/2021	Shannan Shaffer*	Michael Walsh
09/08/2021	Shannan Shaffer*	Scott Werner
09/09/2021	Jill Coumoutso*	Michael Walsh
09/10/2021	Jill Coumoutso*	Michael Walsh
09/13/2021	Jill Coumoutso*	Michael Walsh
09/14/2021	Taylor Dee*	Michael Walsh
09/15/2021	Verity Richardson	Amy Plesetz
09/16/2021	Verity Richardson	Michael Walsh
09/17/2021	Verity Richardson	Michael Walsh
09/20/2021	No Work	Michael Walsh
09/21/2021	No Work	Michael Walsh
09/22/2021	No Work	Scott Werner
09/23/2021	No Work	Michael Walsh
09/24/2021	No Work	Michael Walsh
09/27/2021	No Work	Michael Walsh
09/28/2021	Verity Richardson	Michael Walsh
09/29/2021	Verity Richardson	Amy Plesetz
09/30/2021	Verity Richardson	Michael Walsh

\* = LBVI approved biologist

## 2.3 Project Construction Activities

The following Project construction activities were conducted onsite during this reporting period:

- Project construction activities continued from July 1, 2021 through September 30, 2021.
- Sediment removal hauling activities were completed for the Project on August 10, 2021.
- Project demobilization activities occurred from August 11 through September 30, 2021
- Sediment Removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators.
- Small areas of emergent vegetation were cleared using skip loaders, backhoes, and bulldozers in preparation for hauling activities and expansion of hauling routes within the site boundaries. 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.
- ESA fencing was removed and reinstalled along the west side of the Project boundary in areas where fencing had previously been adjusted to adhere to non-disturbance buffers around active bird nests. Small amounts of vegetation removal were conducted to place the ESA fence line in its intended location.

- Project demobilization activities included establishing side slopes around the Project boundaries, ESA fence removal, removal of construction and staging materials, removal of construction equipment, establishing permanent haul roads, removing the tire washes, removing scales and scale houses, removing project trailers, removing sound wall and fencing, and installing a permanent chain link fence.

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, 2021 through September 30, 2021.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), lamb's quarters (*Chenopodium album*), feathered geranium (*Dysphania botrys*), Jesuit's tea (*D. ambrosioides*), Tasmanian goosefoot (*D. pumilio*), common passion flower (*Passiflora caerulea*), pigweed (*Alternanthera philoxeroides*), wild radish (*Raphanus sativus*), jointed charlock (*R. raphanistrum*), poison hemlock (*Conium maculatum*), petty surge (*Euphorbia peplus*), prickly lettuce (*Lactuca serriola*), eucalyptus (*Eucalyptus sp.*) sprouts, short podded mustard (*Hirschfeldia incana*), sand plantain (*Plantago arenaria*), English plantain (*Plantago lanceolata*), mullein (*Verbascum sp.*), white horehound (*Marrubium vulgare*), tree tobacco (*Nicotiana glauca*), castor bean (*Ricinus communis*), tree of heaven (*Alianthus altissima*), sweetclover (*Melilotus albus*), fig (*Ficus carica*), tocalote (*Centaurea melitensis*), shamel ash (*Fraxinus uhdei*), Jerusalem thorn (*Parkinsonia aculeata*), tumbleweed (*Amaranthus albus*), tamarisk (*Tamarix sp.*), Peregrine saltbush (*Atriplex suberecta*), flax-leaved horseweed (*Erigeron bonariensis*), dog fennel (*Anthemis cotula*), and Italian thistle (*Carduus pycnocephalus*) were removed from DG-W-1, DG-W-2, DG-W-2 Mining Pit and Mining Pit Outlet DG-2, DG-2 New Channels, DG-2-WOUS, DG-2B, DG-3A, DG-3B, DG-4, DG-4-WOUS, DG-4A, DG-4C, DG-4 Drainage, DG-4 Sheetflow, DG-5, onsite restoration areas by hand pulling and using small hand tools. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Silt fencing was installed around DG-3A at Alta Dena drain to help prevent snake mortalities during use of the haul road.
- Wooden post barrier fencing was installed around the restoration areas using an auger attachment to a mini-excavator. ESA signage was installed onto the barrier posts at regular intervals around the restoration areas. The locations of the barrier fencing and ESA signage are depicted in Figure 2-1.

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

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\meeting\_maps\_and\_analysis\2017-04-13\_Trails\DC\_Approved\_Trails\_V8.mxd (MAG)mguidry 6/30/2021



**Figure 2-1  
Proposed Trail Map**

**Map Features**

- Final Design Boundary
  - Routine Annual Maintenance Area
  - Arroyo Seco Trail
  - Seasonal Trail
  - Bike Trail
  - Other Trail
  - Proposed Park Access Sign Location
  - Proposed ESA Sign Location
  - Quick Release Maintenance Vehicle Access
  - Proposed Site Protection Fencing (5,030 ft.)
- 
- Mitigation Areas**
- |                       |                            |
|-----------------------|----------------------------|
| DG-1                  | DG-4A                      |
| DG-1 WOUS             | DG-4B                      |
| DG-2                  | DG-4C                      |
| DG-2 New Channels     | DG-5                       |
| DG-2 WOUS             | DG-7 (Temp Impacts)        |
| DG-2A                 | DG-8 (Temp Impacts)        |
| DG-2B                 | DG-East Trail 1            |
| DG-3A                 | DG-East Trail 2            |
| DG-3B                 | DG-East Trail 3            |
| DG-4                  | DG-East Trail 4            |
| DG-4 Drainage         | DG-SF-1                    |
| DG-4 Sheetflow        | DG-SF-2                    |
| DG-4 WOUS             | DG-W-1 (Johnson Field)     |
| DG-4 WOUS Connections | DG-W-2 (Mining Pit)        |
|                       | DG-W-2 (Mining Pit Outlet) |



Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\meeting\_maps\_and\_analysis\2017-04-13\_Trails\DG\_Approved\_Trails\_V8.mxd (MAG-registry 6/30/2021)



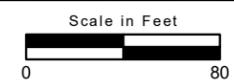
### Figure 2-1 Proposed Trail Map

#### Map Features

- Final Design Boundary
- Routine Annual Maintenance Area
- Arroyo Seco Trail
- Other Trail
- Proposed ESA Sign Location
- Quick Release Maintenance Vehicle Access
- Proposed Site Protection Fencing (5,030 ft.)

#### Mitigation Areas

- DG-4C
- DG-4
- DG-4A
- DG-W-2 (Mining Pit)
- DG-7 (Temp Impacts)



Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\meeting\_maps\_and\_analysis\2017-04-13\_Trails\DG\_Approved\_Trails\_V8.mxd (MAG) mxd 6/30/2021



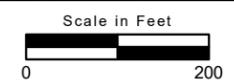
### Figure 2-1 Proposed Trail Map

#### Map Features

- Final Design Boundary
- Routine Annual Maintenance Area
- Arroyo Seco Trail
- Bike Trail
- Other Trail
- Proposed ESA Sign Location
- Quick Release Maintenance Vehicle Access
- Proposed Site Protection Fencing (5,030 ft.)

#### Mitigation Areas

- DG-1
- DG-2
- 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 4
- DG-SF-1
- DG-SF-2
- DG-W-1 (Johnson Field)
- DG-W-2 (Mining Pit)
- DG-W-2 (Mining Pit Outlet)



### **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 to December 31, 2021.

### **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
<b>BIOLOGICAL RESOURCES</b>							
<b>MM BIO – 1:</b> 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 2021 third quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2021 third quarter reporting period. See Table 2 for details.
<b>MM BIO – 2:</b> 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	Due to the COVID-19 pandemic, the initial 2021 worker education training was provided for project personnel to view electronically prior to the start of Project activities on April 19, 2021. Personnel were required to certify under penalty of perjury that they had viewed and understood the training materials in their entirety. Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2021 third quarter reporting period.
<b>MM BIO – 3:</b> Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 – 5/19/20, 3/17/21-3/29/21	Preconstruction surveys for sensitive species were conducted by qualified biologists on March 17, 24, 25, 26, and 29, 2021. Preconstruction least Bell's vireo surveys were completed during the second quarter of 2021 and a preconstruction breeding season least Bell's vireo survey report was submitted to LACPW and included as an appendix to the second quarter compliance report for 2021. No preconstruction surveys took place during the third quarter of 2021.
<b>MM BIO – 4:</b> 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	Final Plans and Specifications; Pre-	Pre-Sediment Removal; Sediment Removal;	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20,	Preconstruction surveys for nesting birds were completed

**Table 3. Devil's Gate Mitigation Monitoring and Reporting Program**

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>boundaries of the project.</p> <p>Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal.</p> <p>If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</p>	<p>Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Reservoir Management</p>				<p>3/1/21 – 4/16/21</p>	<p>during the second quarter of 2021. Active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored Project and restoration activities daily during the nesting season during the third quarter 2021 reporting period.</p>
<p><b>MM BIO – 5:</b> Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> <li>• To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28.</li> <li>• 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.</li> <li>• 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.</li> <li>• Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30).</li> <li>• If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> <li>○ Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw.</li> <li>○ 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.</li> <li>○ 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.</li> </ul> </li> </ul> <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	<p>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/2018 – 11/08/2018</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2021 third quarter reporting period.</p>
<p><b>MM BIO – 6:</b> Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will</li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>• Prepare Habitat Restoration Plan</li> <li>• Identify/Map Mitigation Sites</li> <li>• Install Plant Materials</li> <li>• Monitor Installation</li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>• Identify Reference Sites</li> <li>• Conduct Qualitative and Quantitative Monitoring</li> <li>• Conduct Maintenance</li> <li>• Implement Adaptive Management Measures, if</li> </ul>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2021 third quarter reporting period.</p>

**Table 3. Devil's Gate Mitigation Monitoring and Reporting Program**

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed.</p> <ul style="list-style-type: none"> <li>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).</li> <li>Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> <li>Site-specific container plant (if applicable) and seed palettes,</li> <li>Irrigation plan,</li> <li>Nonnative and invasive plant species removal,</li> <li>Maintenance and monitoring schedule,</li> <li>Qualitative and quantitative monitoring methodologies,</li> <li>Selection criteria of reference sites,</li> <li>Performance standards of the mitigation sites,</li> <li>Monitoring reports and annual reports schedule,</li> <li>Mitigation long-term management plan, and</li> <li>Funding description for implementation and long-term management.</li> </ul> </li> <li>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.</li> <li>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.</li> </ul> <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> <li>Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,</li> <li>Add soil amendments if problem soils may be inhibiting plant growth,</li> <li>Replant if plant survival is low or to increase plant species cover or diversity,</li> <li>Install different plant species for plant species that are not surviving, and</li> <li>Close trails or install barriers if human-caused impacts are damaging the mitigation sites.</li> </ul> <ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>Install Irrigation, if Necessary</li> <li>Prepare As-Built Report</li> <li>Conduct Maintenance</li> <li>Prepare Monitoring Reports</li> </ul>	<p>Necessary</p> <ul style="list-style-type: none"> <li>Prepare Monitoring Reports</li> <li>Prepare Annual Reports</li> <li>Achieve Mitigation Site Sign- Off</li> </ul>					
<p><b>MM BIO – 7:</b> 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</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> <li>Conduct Tree Survey</li> </ul>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> <li>Identify Reference Sites</li> </ul>	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

**Table 3. Devil's Gate Mitigation Monitoring and Reporting Program**

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<ul style="list-style-type: none"> <li>Identify and Protect Oak Tree Root Zones</li> <li>Identify/Map Mitigation Sites</li> <li>Prepare Habitat Restoration Plan</li> <li>Install Plant Materials</li> <li>Monitor Installation</li> <li>Install Irrigation, if Necessary</li> <li>Prepare As-Built Report</li> <li>Conduct Maintenance</li> <li>Prepare Monitoring Reports</li> </ul>	<ul style="list-style-type: none"> <li>Conduct Qualitative and Quantitative Monitoring</li> <li>Conduct Maintenance</li> <li>Implement Adaptive Management Measures, if Necessary</li> <li>Prepare Monitoring Reports</li> <li>Prepare Annual Reports</li> <li>Achieve Mitigation Site Sign-Off</li> </ul>					<p>measure were required during the 2021 third quarter reporting period. Restoration activities were continued during the 2021 third quarter reporting period.</p>
<p><b>MM BIO – 8:</b> A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> <li>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).</li> <li>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.</li> <li>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.</li> <li>Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> <li>Site-specific container plant and seed palettes,</li> <li>Irrigation plan,</li> <li>Nonnative and invasive plant species removal,</li> <li>Maintenance and monitoring schedule,</li> <li>Qualitative and quantitative monitoring methodologies,</li> <li>Selection criteria of reference sites,</li> <li>Performance standards of the mitigation sites,</li> <li>Monitoring reports and annual reports schedule,</li> <li>Mitigation long-term management plan, and</li> <li>Funding description for implementation and long-term management.</li> </ul> </li> <li>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</li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>Prepare Habitat Restoration Plan</li> <li>Identify/Map Mitigation Sites</li> <li>Install Plant Materials</li> <li>Monitor Installation</li> <li>Install Irrigation, if Necessary</li> <li>Prepare As-Built Report</li> <li>Conduct Maintenance</li> <li>Prepare Monitoring Reports</li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>Identify Reference Sites</li> <li>Conduct Qualitative and Quantitative Monitoring</li> <li>Conduct Maintenance</li> <li>Implement Adaptive Management Measures, if Necessary</li> <li>Prepare Monitoring Reports</li> <li>Prepare Annual Reports</li> <li>Achieve Mitigation Site Sign- Off</li> </ul>	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	<p>Restoration activities were continued during the 2021 third quarter reporting period.</p>

**Table 3. Devil's Gate Mitigation Monitoring and Reporting Program**

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved.</p> <ul style="list-style-type: none"> <li>• 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.</li> <li>• Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> <li>○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,</li> <li>○ Add soil amendments if problem soils may be inhibiting plant growth,</li> <li>○ Replant if plant survival is low or to increase plant species cover or diversity,</li> <li>○ Install different plant species for plant species that are not surviving, and</li> <li>○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites.</li> </ul> </li> <li>• 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.</li> <li>• 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.</li> <li>• 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.</li> </ul>							

\*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**

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Appendix A: Least Bell's Vireo Breeding Season Survey Reports – July through September 2021

Appendix B: Weekly Least Bell's Vireo Survey and Monitoring Memos

Appendix C: Construction Monitoring Logs

Appendix D: Habitat Restoration Monitoring Logs

Least Bell's Vireo Breeding Season Survey Reports – July through September 2021

August 23, 2021  
(2018-047.026/004)

Mr. Mark Gim  
County of Los Angeles Department of Public Works  
Stormwater Engineering Division  
Via Email: [Tgim@dpw.lacounty.gov](mailto:Tgim@dpw.lacounty.gov)

**Subject: July 2021 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. Gim,

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 2021 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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."

Twice-weekly least Bell's vireo surveys per Section 7 began on April 20, 2021 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Sediment removal activities were ongoing in July 2021.

## **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 August 31). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> 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.<sup>2</sup>

## **RESULTS**

Nine focused breeding season surveys for least Bell's vireo were conducted during July 2021. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
07/02/21	SS	0550	1049	65	74	5	35	1-3	3-5
07/06/21	SS	0600	1100	63	76	30	0	1-3	3-5
07/09/21	SS	0602	1100	69	84	0	10	1-3	3-5
07/13/21	CT	0615	0915	70	82	85	85	0-1	0-1
07/16/21	SS	0601	1100	65	78	100	10	1-3	3-5
07/19/21	SS	0610	1100	72	80	0	10	0-1	3-5
0723/21	SS	0555	1100	68	80	90	20	1-3	4-7
07/27/21	SS	0610	1100	64	76	75	0	1-3	3-5
07/30/21	SS	0610	1100	67	81	40	20	1-3	3-5

CT = Christine Tischer, SS = Shannan Shaffer,

No least Bell's vireos were detected during the July 2021 breeding season surveys.

Brown-headed cowbirds were not observed during the July 2021 breeding season surveys.

## **DISCUSSION**

Nine focused breeding season surveys for least Bell's vireo conducted in July 2021 did not detect least Bell's vireo in or within 500 feet of the Project site. Twice-weekly focused breeding

<sup>1</sup> 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.

<sup>2</sup> 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.

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](mailto:lsimpson@ecorpconsulting.com).

SIGNED: 

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

DATE: August 23, 2021

**Attachments:**

Attachment A: Survey Datasheets

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**ATTACHMENT A**

Survey Datasheets

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 2, 2021, 10:50:20 AM

Survey Date

**Jul 2, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**05:50**

Start Temperature

**65**

Start Wind Speed

**1-3**

Start Cloud Cover

**5**

End Time

**10:49**

End Temperature

**74**

End Wind Speed

**3-5**

End Cloud Cover

**35**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CORA, CALT, BUSH, NUWO, coyote, WREN, ANHU, COYE, BGGN, parrots, RTHA, CAQU, LEGO, HOFI, ACWO, NOMO, CASJ, AMCR, western fence lizard, common side-blotched lizard, AMRO, MALL, CATH, WTSW, KILL, C OHA, TUVU**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 6, 2021, 11:57:02 AM

Survey Date

**Jul 6, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:00**

Start Temperature

**63**

Start Wind Speed

**1-3**

Start Cloud Cover

**30**

End Time

**11:00**

End Temperature

**76**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ACWO, CAQU, CORA, HOFI, CALT, BUSH, LEGO, NUWO, parrots, CASJ, HOOR, SPTO, EUST, MODO, SOSP, COHA, coyote, CAKI, AMCR, ANHU, RTHA, BLPH, BEWR, PSFL, CATH, NOMO, NRWS, WTSW, western fence lizard, ALHU, desert cottontail, TUVU**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 9, 2021, 11:07:08 AM

Survey Date

**Jul 9, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:02**

Start Temperature

**69**

Start Wind Speed

**1-3**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**84**

End Wind Speed

**3-5**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT, ACWO, parrot, CORA, HOFI, LEGO, BUSH, AMRO, ANHU, coyote, BLPH, CAQU, MODO, desert cottontail, SPTO, NOMO, COHA, TUVU, RTHA, MALL, CASJ, CATH, AMCR, WTSW, SOSP, WREN, NUWO, western fence lizard, common side-blotched lizard**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 4, 2021, 3:07:36 PM

Survey Date

**Jul 13, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:15**

Start Temperature

**70**

Start Wind Speed

**0-1**

Start Cloud Cover

**85**

End Time

**09:15**

End Temperature

**82**

End Wind Speed

**0-1**

End Cloud Cover

**85**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**BUSH, HOFI, CALT, LEGO, ACWO, parrots, YWAR, coyote, COHA (at least 2 fledglings), OATI, PSFL, SPTO, WT SW, CA ground squirrel, SOSP, BEWR, CATH, ATFL, COYE, desert cottontail, ALHU, CORA, cabbage white, MO DO, WREN, BASW, BHGR, ANHU, NUWO, BTPI, BGGN, CAQU, CASJ, common white, western fence lizard, NO MO, carpenter bee, western tiger swallowtail, and side-blatched lizard (lots newly hatched),**

Additional Notes

**Humid!!! Low bird activity.**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 16, 2021, 11:49:45 AM

Survey Date

**Jul 16, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:01**

Start Temperature

**65**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**11:00**

End Temperature

**78**

End Wind Speed

**3-5**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT, CORA, HOFI, BUSH, ACWO, NUWO, ANHU, coyote, LEGO, BLPH, CAQU, CASJ, NOMO, MODO, SOSP, WREN, AMCR, TUVU, RTHA, western fence lizard, SPTO**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 19, 2021, 1:08:22 PM

Survey Date

**Jul 19, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:10**

Start Temperature

**72**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**80**

End Wind Speed

**3-5**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT, parrot, desert cottontail, HOFI, WREN, SPTO, COYE, LEGO, CAQU, CASJ, NOMO, BUSH, SOSP, COHA, T UVU, western fence lizard, BLPH, NRWS, WTSW, ANHU, MODO, ACWO, eastern fox squirrel**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 23, 2021, 1:15:25 PM

Survey Date

**Jul 23, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**05:55**

Start Temperature

**68**

Start Wind Speed

**1-3**

Start Cloud Cover

**90**

End Time

**11:00**

End Temperature

**80**

End Wind Speed

**4-7**

End Cloud Cover

**20**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**SOSO, CALT, BEWR, ANHU, AMCR, NOMO, CAQU, EUST, WREN, ROPI, HOFI, BUSH, ACWI, LEGO, BLPH, coyote, NRWS, MODO, WTSW, ANHU, CORA, PSFL, BUOR, SPTO, COYE, PHAI, SOSP, NUWO**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 27, 2021, 12:03:55 PM

Survey Date

**Jul 27, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:10**

Start Temperature

**64**

Start Wind Speed

**1-3**

Start Cloud Cover

**75**

End Time

**11:00**

End Temperature

**76**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ANHU, ACWO, CALT, CORA, AMCR, NOMO, HOFI, LEGO, BUSH, BLPH, CASJ, parrot, CA ground squirrel, desert cottontail, SPTO, TUVU, RTHA, BEWR, CAQU, western fence lizard, common side-blotched lizard, NUWO, ALHU, AMRO, SPSP, EUST, CATH, BGGN, MODO**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Jul 30, 2021, 11:48:01 AM

Survey Date

**Jul 30, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:10**

Start Temperature

**67**

Start Wind Speed

**1-3**

Start Cloud Cover

**40**

End Time

**11:00**

End Temperature

**81**

End Wind Speed

**3-5**

End Cloud Cover

**20**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CASJ, CALT, coyote, CORA, SPTO, HOFI, LEGO, BUSH, CAQU, ANHU, desert cottontail, ACWO, EUST, MODO, COHA, western fence lizard, BLPH, AMCR, BEWR, WREN, NOMO**

Log Completed?

**Yes**

September 17, 2021  
(2018-047.026/004)

Mr. Keith Hala  
County of Los Angeles Department of Public Works  
Stormwater Engineering Division  
Via Email: [khala@dpw.lacounty.gov](mailto:khala@dpw.lacounty.gov)

**Subject: August 2021 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. Gim,

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 2021 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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."

Twice-weekly least Bell's vireo surveys per Section 7 began on April 20, 2021 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Sediment removal activities were completed on August 10, 2021 and site demobilization activities continued through the end of August 2021.

## **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 August 31). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> 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.<sup>2</sup>

## **RESULTS**

Nine focused breeding season surveys for least Bell's vireo were conducted during August 2021. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
08/02/2021	SS	0610	1054	69	83	0	0	0-1	0-1
08/06/2021	SS	0616	1055	68	79	5	0	0-1	3-5
08/09/2021	SS	0615	1100	65	73	0	0	1-3	3-5
08/13/2021	SS	0615	1100	67	83	0	0	0-1	3-5
08/16/2021	CT	0640	1000	69	86	0	27	0-1	1-3
08/20/2021	SS	0631	1059	61	68	90	75	1-3	1-3
08/23/2021	CT	0915	1100	67	77	10	10	1-2	1-3
08/27/2021	SS	0625	1100	67	87	10	0	0-1	1-3
08/31/2021	CT	0645	1020	68	72	95	98	0-1	1-2

CT = Christine Tischer, SS = Shannan Shaffer,

No least Bell's vireos were detected during the August 2021 breeding season surveys.

Reports of least Bell's vireo sightings on August 1 and 8, 2021, were received by ECORP from a local resident birder that frequents the site for recreation. Both observations were of vocalizing individuals. On August 16 and 19, 2021, individual least Bell's vireos were observed foraging within the on-site habitat restoration areas by Designated Biologists monitoring on-site habitat restoration activities. It is unknown if all the observations in August 2021 were of the same

<sup>1</sup> 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.

<sup>2</sup> 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.

individual or different individuals. Given the timing of the observations, it is not likely that the individuals were engaged in breeding activities at the Project site.

Brown-headed cowbirds were not observed during the August 2021 breeding season surveys.

## **DISCUSSION**

Nine focused breeding season surveys for least Bell's vireo conducted in August 2021 did not detect least Bell's vireo in or within 500 feet of the Project site. Individual observations of least Bell's vireo were made at the Project site by a local resident as well as Designated Biologists monitoring on-site habitat restoration activities during August 2021. These observations were isolated and did not indicate breeding of least Bell's vireo during the 2021 season. 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](mailto:lsimpson@ecorpconsulting.com).

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

DATE: September 17, 2021

### **Attachments:**

Attachment A: Survey Datasheets

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**ATTACHMENT A**

Survey Datasheets

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 2, 2021, 10:55:04 AM

Survey Date

**Aug 2, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:10**

Start Temperature

**69**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**10:54**

End Temperature

**83**

End Wind Speed

**0-1**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**BUSH, CALT, CA ground squirrel, ACWO, WREN, M9DI, BLPH, AMCR, CASJ, CAQU, LEGO, HOFI, BEWR, desert cottontail, NOMO, MALL, RTHA, CORA, western whiptail, western fence lizard, coyote, ANHU, SOSPO, SPTO, Y EWA, COHA, NRWS**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 6, 2021, 11:45:16 AM

Survey Date

**Aug 6, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:16**

Start Temperature

**68**

Start Wind Speed

**0-1**

Start Cloud Cover

**5**

End Time

**10:55**

End Temperature

**79**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT, COYE, BUSH, ANHU, SOSP, MODO, coyote, CAQU, ACWO, HOFI, LEGO, AMCR, EUST, desert cottontail, CA ground squirrel, BEWR, CASJ, western fence lizard, SPTO, CAKI**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 9, 2021, 2:43:01 PM

Survey Date

**Aug 9, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:15**

Start Temperature

**65**

Start Wind Speed

**1-3**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**73**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CORA, ACWO, parrots, NRWS, BLPH, BUSH, HOFI, MODO, CAQU, SPTO, ANHU, coyote, desert cottontail, LEG O, CASJ, CALT, RTHA, TUVU, western fence lizard, BEWR, WREN, COHA, EUST, alligator lizard**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 13, 2021, 12:00:19 PM

Survey Date

**Aug 13, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:15**

Start Temperature

**67**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**83**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**AMCR, coyote, desert cotyontail, CASJ, CAQU, ACWO, LEGO, HOFI, MODO, CATH ANHU, SOSP, BLPH, CAKI, WREN, RTHA, TUVU, CORA, CALT, NOMO, western fence lizard, CA ground squirrel,**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 19, 2021, 7:40:33 PM

Survey Date

**Aug 16, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:40**

Start Temperature

**69**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**10:00**

End Temperature

**86**

End Wind Speed

**1-3**

End Cloud Cover

**25**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

Incidental Species Observed

**BUSH, parrots, BGGN, CORA, ACWO, NUWO, CAQU, ANHU, CALT, OATI, MODO, BEWR, CASJ, CATH, SPTO, WREN, BASW, HOFI, valley carpenter bee, YWAR (×6), SOSP, cottontail, AMCR, eastern fox squirrel, LEGO, BLP H, western fence lizard, hornet nest (underground burrow), checkered white, BTPI, ECDO, WTSW, checkered skipper, western tiger swallowtail, gulf fritillary**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 20, 2021, 11:05:48 AM

Survey Date

**Aug 20, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:31**

Start Temperature

**61**

Start Wind Speed

**1-3**

Start Cloud Cover

**90**

End Time

**10:59**

End Temperature

**68**

End Wind Speed

**1-3**

End Cloud Cover

**75**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**MODO, CAQU, AMCR, CALT, HOFI, CASJ, NOMO, coyote, LEGO, ANHU, ACWO, CAKI, RTHA, NRWS, BLPH, SP TO, BEWR, desert cottontail, WTSW, COHA**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 23, 2021, 3:25:26 PM

Survey Date

**Aug 23, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**09:15**

Start Temperature

**67**

Start Wind Speed

**1-2**

Start Cloud Cover

**10**

End Time

**11:00**

End Temperature

**77**

End Wind Speed

**1-3**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**ANHU, CASJ, BEWR, NUWO, CATH, ACWO, western fence lizard, HOFI, LEGO, WREN, CALT, CORA, BUSH, BGN, ALHU, CA ground squirrel, Eastern fox squirrel, western tiger swallowtail, gulf fritillary, coyote (s), carpenter bee, honeybee, cabbage white, ATFL, CAQU, BASW, MODO, side-blotched lizard, common white, YWAR (1), PSFL (1), domestic horse (2 riders in wash north of project), desert cottontail (s), TUVU (flyover), RSHA, SPTO, SOSP, parrots**

Additional Notes

**Completed initial loop of riparian at 10:45. 2nd loop of western riparian completed at 11:20 (79°F, 15% cloud cover, 2-4 mph winds).**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 27, 2021, 11:23:38 AM

Survey Date

**Aug 27, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:25**

Start Temperature

**67**

Start Wind Speed

**0-1**

Start Cloud Cover

**10**

End Time

**11:00**

End Temperature

**87**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT, SPTO, CASJ, SOSP, BEWR, ANHU, BLPH, ACWO, desert cottontail, CORA, NRWS, COHA, WTSW, LEGO, HOFI, NOMO, MODO, BEWR, BUSH, western fence lizard, alligayor lizard, CA ground squirrel, CATH, CAQU**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Aug 31, 2021, 10:24:09 AM

Survey Date

**Aug 31, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:45**

Start Temperature

**68**

Start Wind Speed

**0-1**

Start Cloud Cover

**95**

End Time

**10:20**

End Temperature

**72**

End Wind Speed

**1-2**

End Cloud Cover

**98**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**OATI, CAQU, NUWO, ACWO, CATH, BUSH, DEJU, CALT, MODO, AMCR, parrots, SPTO, ANHU, LEGO, CASJ, cottontail, WREN, SOSP, COYE, HOFI, KILL, RSHA, CORA, RTHA, E fox squirrel, BEWR, BLPH, CA ground squirrel I. BTPI, AMKE, BASW, BGGN, SP rattlesnake**

Additional Notes

**Spring/summer migrants have moved on. Fall/winter migrants have yet to arrive.**

**Spoke to 1 man with medium black and white dog about not breaking the native willow vegetation to use as a picnic area. Between DG4 and DG4A. Reported to Parks and Rec who happened to be driving by who said they would go follow up.**

Log Completed?

**Yes**



September 24, 2021  
(2018-047.026/004)

Mr. Keith Hala  
County of Los Angeles Department of Public Works  
Stormwater Engineering Division  
Via Email: [khala@dpw.lacounty.gov](mailto:khala@dpw.lacounty.gov)

**Subject: September 2021 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 September 2021 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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."

Twice-weekly least Bell's vireo surveys per Section 7 began on April 20, 2021 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated and were completed by August 31, 2021, after which weekly surveys were conducted through September 15, 2021 per the ITP. Sediment removal activities were completed on August 10, 2021 and site demobilization activities continued through the end of September 2021.

## **SURVEY METHODS**

Focused breeding season surveys for least Bell's vireo in September 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.<sup>1</sup> 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.<sup>2</sup>

## **RESULTS**

Three focused breeding season surveys for least Bell's vireo were conducted during September 2021. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
09/03/2021	SS	0630	1102	60	74	40	0	0-1	0-1
09/10/2021	SS	0639	1050	70	84	75	10	1-3	1-3
09/15/2021	CT	0600	1025	60	75	100	0	1-3	1-3

CT = Christine Tischer, SS = Shannan Shaffer.

No least Bell's vireos were detected during the September 2021 breeding season surveys.

Brown-headed cowbirds were not observed during the September 2021 breeding season surveys.

## **DISCUSSION**

Three focused breeding season surveys for least Bell's vireo conducted in September 2021 did not detect least Bell's vireo in or within 500 feet of the Project site. September 15, 2021 marked the end of the 2021 breeding season. No breeding least Bell's vireos were documented at the Project site during the 2021 season.

Weekly focused breeding season surveys for least Bell's vireo will resume in March 2022 to support ongoing habitat restoration activities occurring at the Project site.

<sup>1</sup> 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.

<sup>2</sup> 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](mailto:lsimpson@ecorpconsulting.com).

SIGNED: 

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

DATE: September 24, 2021

**Attachments:**

Attachment A: Survey Datasheets

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**ATTACHMENT A**

Survey Datasheets

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Sep 3, 2021, 11:07:15 AM

Survey Date

**Sep 3, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:30**

Start Temperature

**60**

Start Wind Speed

**0-1**

Start Cloud Cover

**40**

End Time

**11:02**

End Temperature

**74**

End Wind Speed

**0-1**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CAQU, MODO, ACWO, HOFI, CAKI, CALT, BUSH, CASJ, LEGO, ANHU, NOMO, BLPH, common side-blotched lizard, desert cottontail, western fence lizard, parrot, RTHA, YEWA, AMKE, WTSW, CA ground squirrel, WREN, alligator lizard, BEWR**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Sep 10, 2021, 10:57:25 AM

Survey Date

**Sep 10, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:39**

Start Temperature

**70**

Start Wind Speed

**1-3**

Start Cloud Cover

**75**

End Time

**10:50**

End Temperature

**84**

End Wind Speed

**1-3**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CAQU, coyote, partots, CALT, ACWO, BUSH, CATH, MODO, NUWO, OATI, AMCR, HOFI, LEGO, ANHU, CASJ, SOSP, WTEN, KILL, COHA, AMKE, desert cottontail, KILL, BGGN, CA ground squirrel, western fence lizard, eastern fox squirrel, BLPH, SPTO**

Log Completed?

**Yes**

# Least Bell's Vireo Log for Devils Gate (Environmental Conditions)

Submitted by: SoCal\_Bio

Submitted time: Sep 15, 2021, 1:58:02 PM

Survey Date

**Sep 15, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:00**

Start Temperature

**60**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**22:25**

End Temperature

**75**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**ACWO, parrots, ANHU, MODO, BGGN, OATI, LEGO, NUWO, WREN, COHA, BUSH, PHAI, CASJ, BEWR, WIWA, SPTO, CAQU, CALT, HOFI, AMCR, eastern fox squirrel, CA ground squirrel, BLPH, RTHA, OCWA, ALHU, SOSP, KILL, CATH, WAVI. AMKE, RSHA, CORA, COYE, coyote. ECDO, western fence lizard, desert cottontail,**

Additional Notes

**3 man crew weed whacking in basin north of Johnson field resulting in non-project related dust.**

Log Completed?

**Yes**

CNDDDB Submission of Least Bell's Vireo Observations

# CNDDDB Online Field Survey Form Report



California Natural Diversity Database  
Department of Fish and Wildlife  
1416 9th Street, Suite 1266  
Sacramento, CA 95814  
Fax: 916.324.0475  
[cnddb@wildlife.ca.gov](mailto:cnddb@wildlife.ca.gov)  
[www.dfg.ca.gov/biogeodata/cnddb/](http://www.dfg.ca.gov/biogeodata/cnddb/)



Source code WER21F0001  
Quad code 3411822  
Occ. no. \_\_\_\_\_  
EO index no. \_\_\_\_\_  
Map index no. \_\_\_\_\_

This data has been reported to the CNDDDB, but may not have been evaluated by the CNDDDB staff

Scientific name: *Vireo bellii pusillus*

Common name: least Bell's vireo

Date of field work (mm-dd-yyyy): 08-16-2021

Comment about field work date(s): Biological monitoring for restoration activities of the Devil's Gate Reservoir Project

## OBSERVER INFORMATION

Observer: Scott Werner

Affiliation:

Address: P.O. Box 547 , Ojai, CA 93024

Email: [scott@wernerbio.com](mailto:scott@wernerbio.com)

Phone: (805) 272-5871

Other observers:

## DETERMINATION

Keyed in:

Compared w/ specimen at:

Compared w/ image in:

By another person:

Other: Aurally (call) then visually. I have 20 years of experience with LBVI identification.

Identification explanation: First detected aurally (chatter call) from 100-150 feet away, then identified visually after a search.

Identification confidence: Very confident

Species found: Yes If not found, why not?

Level of survey effort: Biologist mostly confined to a 3 to 4 acre area around the restoration activity to detect potential bird nesting activity.

Total number of individuals: 1

Collection?

Collection number:

Museum/Herbarium:

## ANIMAL INFORMATION

How was the detection made? Heard calling then seen

Number detected in each age class:

1

adults

juveniles

larvae

egg mass

unknown

Age class comment: Assume adult, fairly brief observation.

**Bird site use:**

- Nesting
- Rookery
- Nesting colony
- Burrow site
- Lek
- Non-breeding (over-wintering)
- Communal roost
- Other

**Site use description:** transient bird - no known nesting at this site in 2021, although active territory in 2020.

**What was the observed behavior?** Foraging, visual observation for only about 5 minutes at 1050 hrs before the bird flew away. Later heard again at 1345 but very hot day, no visual contact made that time.

**Describe any evidence of reproduction:** none

---

**SITE INFORMATION**

**Habitat description:** *Salix gooddingii* Woodland Alliance. Low to moderately dense understory of willows, mule fat, poison oak, *Phacelia ramosissima*, and dead grasses/leaf litter/weeds (primarily perennial pepperweed and poison hemlock). Site condition/population viability noted as 'fair' due to only one known recent territory and temporary project-related habitat disturbances.

**Slope:** 0

**Land owner/manager:** Los Angeles County Flood Control District

**Aspect:** n/a

**Site condition + population viability:** Fair

**Immediate & surrounding land use:** Protected restoration zone in county park that includes Devil's Gate reservoir with adjacent willow forest/scrub, alluvial fan scrub, coast live oak woodland.

**Visible disturbances:** Active sediment removal zone within the reservoir 400 feet to the south. Current weed abatement (hand-pulling) effort in the area. Nearby roads.

**Threats:** Restoration zone is currently off limits but potential threats exist from unleashed dogs, off-trail hikers, disc golf, etc.

**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	1035	34.19076	-118.17638	391604	3783934	11
1	Public Land Survey	Feature Comment						
	S T01N R12W 7							

The mapped feature is accurate within: 5 m

Source of mapped feature: [Collector app](#)

Mapping notes:

Location/directions comments:

---

Attachment(s):

---

# CNDDDB Online Field Survey Form Report



California Natural Diversity Database  
Department of Fish and Wildlife  
1416 9th Street, Suite 1266  
Sacramento, CA 95814  
Fax: 916.324.0475  
[cnddb@wildlife.ca.gov](mailto:cnddb@wildlife.ca.gov)  
[www.dfg.ca.gov/biogeodata/cnddb/](http://www.dfg.ca.gov/biogeodata/cnddb/)



Source code WAL21F0006  
Quad code 3411822  
Occ. no. \_\_\_\_\_  
EO index no. \_\_\_\_\_  
Map index no. \_\_\_\_\_

This data has been reported to the CNDDDB, but may not have been evaluated by the CNDDDB staff

**Scientific name:** *Vireo bellii pusillus*

**Common name:** least Bell's vireo

**Date of field work (mm-dd-yyyy):** 08-19-2021

**Comment about field work date(s):**

## OBSERVER INFORMATION

**Observer:** michael a. walsh

**Affiliation:** Stillwater Sciences

**Address:** 2309 Reservoir St , Los Angeles, CA 90026

**Email:** mwalsh@stillwatersci.com

**Phone:** (847) 737-1815

**Other observers:**

## DETERMINATION

**Keyed in:**

**Compared w/ specimen at:**

**Compared w/ image in:**

**By another person:**

**Other:** Aurally and then visually. Individual was also likely seen 3 days prior by another biologist (Scott Werner).

**Identification explanation:** Heard an alarm call while surveying area, then visually identified it.

**Identification confidence:** Very confident

**Species found:** Yes If not found, why not?

**Level of survey effort:** casual, biologist mostly confined to a 3 to 4 acre area around a restoration site to detect potential bird nests.

**Total number of individuals:** 1

**Collection?** No

**Collection number:**

**Museum/Herbarium:**

## ANIMAL INFORMATION

**How was the detection made?** Heard calling then seen

**Number detected in each age class:**

1

adults

juveniles

larvae

egg mass

unknown

**Age class comment:** Assuming adult or fledged this year, slightly fluffy and disheveled feathers near white ventral area.

**Bird site use:**

- Nesting
- Rookery
- Nesting colony
- Burrow site
- Lek
- Non-breeding (over-wintering)
- Communal roost
- Other

**Site use description:** transient bird; no known nesting at this site in 2021 but active territory in 2020.

**What was the observed behavior?** Foraging. Heard an alarm call, saw bird foraging in a lone mulefat at 0930. Individual traveled roughly 30 m north through a planted area, and then 30 m east to a Salix woodland before it was lost. Roughly 30 minutes of observation total.

**Describe any evidence of reproduction:** none

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**SITE INFORMATION**

**Habitat description:** Recently planted (1 yr ago) Salix woodland (Salix sp, Baccharis pilularis, Artemisia dranunculus/douglasiana), canopy at 6-9 feet. Areas between plants filled with 6 ft high Erigeron canadensis. Also mature Salix gooddingii woodland with moderately dense understory of Phacelia ramossissima, dried weeds (Conium maculatum/Lepidium latifolium), and dried grasses. Noted as fair due to only having one known active territory in recent years and temporary project-related habitat disturbances.

**Slope:** 0

**Land owner/manager:** Los Angeles County Flood Control District

**Aspect:** N/A

**Site condition + population viability:** Fair

**Immediate & surrounding land use:** Protected restoration area in county park that includes Devil's Gate reservoir with adjacent willow forest/scrub, alluvial scrub, coast live oak woodland.

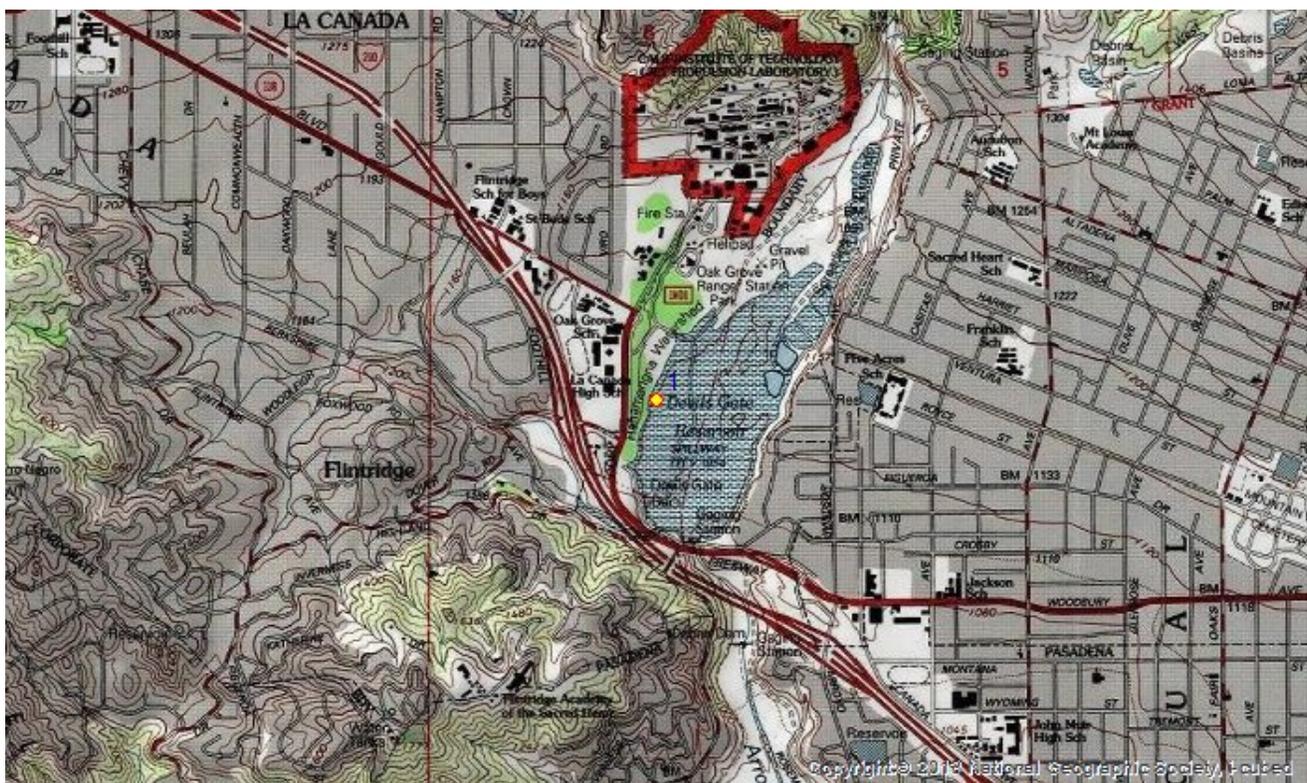
**Visible disturbances:** adjacent road/trail, habitat restoration activities nearby (hand-pulling weeds).

**Threats:** restoration zone is off limits, but potential threats include off-leash dogs, off-trail hikers, and disc golfers.

**General comments:**

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**MAP INFORMATION**



ID	County	24K Quadrangle	Elev. (ft)	Latitude NAD83	Longitude NAD83	UTM E NAD83	UTM N NAD83	UTM Zone
	Los Angeles	Pasadena	1038	34.19078	-118.17675	391570	3783936	11
1	Public Land Survey	Feature Comment						
	S T01N R12W 7							

The mapped feature is accurate within: 5 m

Source of mapped feature: [Collector app on Iphone](#)

Mapping notes:

Location/directions comments:

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Attachment(s):

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**APPENDIX C**

Construction Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:00	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:15	92 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling sediment
2. 2 excavators, 1 scraper, 1 bulldozer, 2/3 water trucks, around 70 haulage trucks
3. Griffith

**Did you observe any special-status species?**  Yes  No

Two-striped garter snake

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, ANHU, parrot (*Amazona* sp.), KILL, SOSP, LEGO, CLSW, CALT, whiptail, coyote, western tiger swallowtail butterfly, cabbage white butterfly, California ground squirrel, European honeybee, monarch butterfly, two-striped garter - deceased

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0600 Arrived on site. Began clearance sweep

0700 work began

0745 monitored KILL activity in southern section of the site

0900 conducted clearance sweep

1020 observed vegetation in southwest section for nesting bird activity

1140 conducted clearance sweep

1310 observed vegetation in southwest section for nesting bird activity

1430 clearance sweep - on way back down into site on entry road observed two-striped garter snake that had just been ran over by hauler (point in field maps)

1515 end of monitoring

**Additional Comments**

Spoke with Anthony from Griffith, he plans on fixing the gaps in the silt fencing today.

**Signature**





**Excavator\_near weigh station\_070121.jpg**  
-118.17317 34.18871



**Site overview looking south\_070121.jpg**  
-118.17274 34.18975



Site overview looking north level with marker 25\_070121.jpg  
-118.17255 34.19188



photo\_4-sediment hauling activities.jpg  
-118.17182 34.19283

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: July 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	59 °F	0-3 MPH	0 %
<b>End of Day</b>	12:45	82 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Silt fence installation, dump truck ingress.
2. Bottom dump trucks, two pickup trucks, hand tools.
3. 4 personnel (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:**

CORA, RLPA, CALT, CASJ, BARS, COYE, SOSF, BLPH, LEGO, BUSH, ROPI, NRWS, HOFI, ANHU, CLSW, MODO, CAQU, NOMO, SPTO, ACWO, CAKI, RTHA, western toad, California ground squirrel, desert cottontail, western fence lizard, coastal whiptail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0640 arrived on site, attended tailboard.  
0645 conducted clearance sweep of entrance road and adjacent areas.  
0700 monitored ingress of bottom dump trucks along entrance road.  
0705 monitored Natures Image installing silt fencing along entrance road and around the Altadena Drainage.  
0750 relocated one western toad.  
0926 found one dead adult western toad on the entrance road.  
1032 silt fence installation completed.  
1115 updated BUSH\_1  
1120 updated LEGO\_3  
1127 updated BUSH\_22  
1150 updated YEWA\_03  
1204 updated ACWO\_1  
1212 updated BUSH\_19

**Additional Comments**

N/A

Signature





07-06-2021\_silt\_fence\_installation\_facingN.jpg



07-06-2021\_silt\_fence\_installation\_complete\_facingNE.jpg



07-06-2021\_silt\_fence\_installation\_complete\_facingSE.jpg



07-06-2021\_silt\_fence\_installation\_complete\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: July 6, 2021**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:30	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	87 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith crew conducted grading and material moving and hauling. Equipment used included two excavators, two water trucks, one dozer, one scraper, one front loader, and multiple haul trucks. Crew consisted of seven equipment operators, multiple haul truck drivers, and one foreman (Joe Carattini).

**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 CAQU MODO RTHA NOMO HOFI LEGO KILL COYE ACWO CASJ CLSW NRWS CALT SPTO EUST AMCR  
CORA ROPI western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 conducted pre-construction sweep.

0700 monitored grading and material moving and hauling.

1500 conducted final sweep.

**Additional Comments**

N/A

**Signature**





Hauling\_during\_facingNW.jpg  
-118.17441 34.18884



Hauling\_during\_facingSW.jpg  
-118.17197 34.19279



Hauling\_during\_facingS.jpg  
-118.17374 34.19009

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:00	60 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	94 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling
2. Two excavators, 3 water trucks, approximately 70 haulage trucks, bulldozer
3. Griffith construction

**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, LEGO, CASJ, KILL, CALT, CATH, HOFI, parrot (Amazona sp.), SOSPO, ALHU, CLSW, BLPH desert cottontail, western fence lizard, monarch, California sister, Cabbage white butterfly, western tiger swallowtail, western toad, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

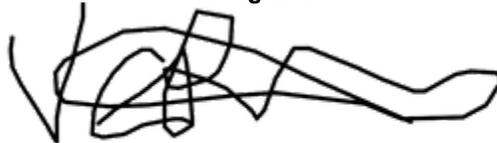
**Log Entry**

0600 Arrived on site. Began clearance sweep  
0700 work commenced  
0735 checked for KILL nests in south section  
0855 conducted clearance sweep  
1020 began sweep in section in front of dam face for wildlife  
1055 CLSW activity on dam face, pair seen entering in 5th section from the east (from pipe feature)  
1200 walked 5m transects N/S through northern end of previously ponded area in prep for clearing  
1400 clearance sweep of roadways  
1500 end of monitoring

**Additional Comments**

N/A

**Signature**





**Main entry\_reptile silt fencing\_070721.jpg**  
-118.17297 34.18783



**Excavator loading haulers\_070721.jpg**  
-118.17336 34.18867



**Excavator 2 towards the north end with hauler routes\_070721.jpg**  
-118.17289 34.19046



**photo\_4-sediment hauling activities.jpg**  
-118.17584 34.1872

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	63 °F	0-3 MPH	70 %
<b>End of Day</b>	15:00	92 °F	0-3 MPH	80 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, excavating and hauling
2. Two excavators, 1 box scraper, 3 water trucks, 2 bulldozers, approximately 70 haulage trucks
3. Johnny- Griffith

**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, HOFI, CORA, KILL, ALHU, LEGO, CLSW, CALT, California ground squirrel, cabbage white butterfly, western tiger swallow tail, western toad, coyote, western fence lizard, whiptail, California dogface butterfly

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 arrived on site. Began roadways clearance sweep  
0745 began clearance sweep for vegetation removal in southern section  
0825 water truck began spraying area prior to clearing  
0830 water truck got stuck  
0845 bulldozer (untracked) arrived to pull out water truck  
0915 Doug - operator of the box scraper began clearing vegetation  
0940 operator got called to a different area of the site. Water truck sprayed area.  
0950 roadways clearance sweep  
1115 observed vegetation in the southwest section for nesting bird activity  
1150 roadways clearance sweep  
1305 checked for KILL activity in southern section  
1345 observed vegetation in the southwest section for nesting bird activity  
1500 end of monitoring

**Additional Comments**

N/A

Signature





**Excavator 1\_070821.jpg**  
-118.17372 34.18874



**Excavator 2\_taken facing N\_070821.jpg**  
-118.1718 34.19158



photo\_3-site overview.jpg  
-118.17537 34.18885



Box scraper removing vegetation \_southern section\_070821.jpg  
-118.17581 34.1867

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	101 °F	0-3 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, excavation and hauling
2. 2 excavators, 72 haulage trucks, 1 scraper, 1 box scraper, 2 water trucks, bulldozer
3. Johnny-Griffith, vegetation removal - Thomas and Anthony

**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, KILL, LEGO, HOFI, CLSW, SOSP, parrot (Amazona sp.), CASJ, Cabbage white butterfly, coyote, deer mouse, western toad, western fence lizard, pacific tree frog, desert cottontail, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

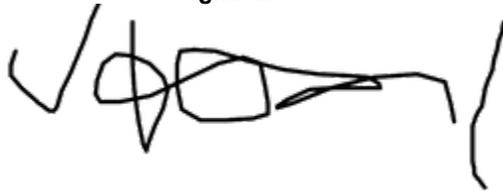
**Log Entry**

0610 arrived on site. Began clearance sweep  
0710 swept area in the south. Monitored vegetation removal (box scraper)  
0835 deer mouse ran under machine stopped immediately, unfortunately deceased. (Relocated >30 toadlets, 1 pacific tree froglet, 1 western fence lizard from the work area to safety  
0845 cut thumb on rusty metal debris whilst retrieving a toad. Went to urgent care  
1125 conducted roadways clearance sweep  
1235 swept remaining open southern section for KILL nests  
1305 observed vegetation in southwest section for nesting bird activity

**Additional Comments**

N/A

**Signature**





**photo\_1-vegetation removal activities.jpg**  
-118.17582 34.18666



**Excavator 1 loading haulage trucks\_070921.jpg**  
-118.17392 34.18737



**Site overview\_southern end.jpg**  
-118.1739 34.18741



**Overview of northeast portion of site\_facingSW.jpg**  
-118.17678 34.18724

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: July 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	50 %
<b>End of Day</b>	14:57	88 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Monitored vegetation removal with scraper.

**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, YEWA, KILL, ANHU, Parrots, COYE, CASJ, HOFI, LEGO, CALT, NUWO, BARS, Coyote, Western toad  
Western whiptail, California ground squirrel, Side blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Drove roads first thing in the morning to look for snakes. Monitored vegetation removal. Drove all access roads an additional three times to look for snakes. Checked out south western corner to look for more nests/nesting behavior. No new nests found

**Additional Comments**

N/A

**Signature**





Excavation\_facingN.jpg



**Grubbing\_facingS.jpg**  
-118.17527 34.1863



Veg\_removal\_facingS.jpg  
-118.17527 34.18629

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: July 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	70 °F	0-3 MPH	65 %
<b>End of Day</b>	14:52	88 °F	0-3 MPH	25 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Grading to make road for a water truck for future veg removal/also some veg removal to make the road with scraper.

**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, CALT, CORA, ACWO, COYE, YEWA, BEWR, CASJ, Western toad, California Ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

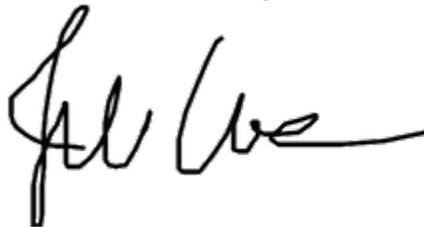
**Log Entry**

Checked roads for snakes, look for nests in southwest corner. Found LEGO fledglings being fed (marked on collector), Monitored small amount of vegetation removal and grading to make a road for the water truck for future vegetation removal.

**Additional Comments**

N/A

**Signature**





Excavation\_facingS.jpg  
-118.1745 34.18945



**Excavation\_facing\_S.jpg**  
-118.17454 34.18944

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: July 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	64 °F	0-3 MPH	50 %
<b>End of Day</b>	15:00	905 °F	7-9 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1) excavation. 2) Two excavators, one scraper, one bulldozer, one skip loader, front loader, two water trucks, haul trucks 3) John (Griffith)

**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, BUSH, Amazona spp., CAQU, BEWR, CASJ, HOFI, NRWS, COYE, SOSP, CALT, LEGO, desert cottontail, CA ground squirrel, SBMU, NRWS, WTSW, MODO, CAKI, western toad, western fence lizard, western side-blotch lizard, PHAI, RSHA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 onsite; clear access roads. Coordinate with John (Griffith).  
0700 begin monitoring excavation (Pic. 1).  
1200 continue monitoring excavation.  
1455 end monitoring.  
1500 leave site.

**Additional Comments**

Photo 1: Excavation\_during\_facingNW

Signature





photo\_1-20210715-122828.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:05	67 °F	0-3 MPH	60 %
<b>End of Day</b>	15:10	92 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating & hauling dirt. Vegetation removal. Raking (monitored by 2nd surveyor) 2. 2 excavators, bulldozer, 3 water trucks, front loader, scraper, box scraper, 3. Griffiths construction; Johnny Griffiths

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CLSW, LEGO, SOSP, MALL, ALHU, CALT, CASJ, HOFI, CORA, parrot (Amazona sp.), coyote, western toad, side-blotched lizard, cabbage white butterfly, cottontail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0605 conducted clearance sweep of roadways

0700 works commenced

0740 observed vegetation in SW corner for NB activity

0835 began sweeping vegetated area at southern end of site, in vicinity of previously ponded area

0855 conducted clearance sweep of roadways

1025 monitored vegetation removal via scraper operated by Doug

1230 conducted clearance sweep of roadways

1345 observed vegetation in SW corner for NB activity

**Additional Comments**

N/A

**Signature**





**Vegetation to be removed\_071521.jpg**  
-118.17488 34.1862



**Excavator in southern section\_071521.jpg**  
-118.17382 34.18766



**Vegetation removal with scraper\_southern section.jpg**  
-118.17441 34.18659



**View facing S\_marker 20\_071521.jpg**  
-118.17354 34.19061

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: July 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	64 °F	0-3 MPH	10 %
<b>End of Day</b>	20:20	70 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1) Raking excavator tracks 2) Hand tools 3) Fabian, Joe, John (Griffith)

**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, WREN, BUSH, SPTO, CALT, BEWR, MODO, Amazona spp., CORA, HOFI, LEGO, COYE, CASJ, western side-blotch lizard, western fence lizard, desert cottontail, coyote, ANHU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 onsite; coordinate with Joe and John (Griffith)  
0645 begin pre-construction survey. Pictures in separate folder.  
0655 Nest update CALT\_6, BUSH\_25, MODO\_7  
0730 begin monitoring crew taking the tracks.  
0820 end monitoring.

**Additional Comments**

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	69 °F	0-3 MPH	90 %
<b>End of Day</b>	15:00	90 °F	4-6 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating & hauling 2. 2 excavators, front loader, bulldozer, 2 water trucks, scraper, around 70 haulage trucks, 3. Griffiths, Johnny Griffiths

**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, LEGO, HOFI, CLSW, COYE, ALHU Western toad, Amazona sp., cottontail, CA ground squirrel, side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 clearance sweep of roadways  
0700 works commenced  
0730 swept southern section where the rock pile is being relocated  
0810 observed vegetation to SW for NB activity  
0910 clearance sweep of roadways  
1020 checked status of CLSW nest under spillway  
1120 observed vegetation to SW for NB activity  
1230 clearance sweep of roadways  
1345 observed vegetation to SW for NB activity  
1500 end of monitoring

**Additional Comments**

N/A

**Signature**





**Excavator\_1\_opposite weigh station\_071621.jpg**  
-118.17567 34.18875



**Front loader loading haulage ts\_071621.jpg**  
-118.17386 34.18941



**Excavator 2\_looking S from marker 29\_071621.jpg**  
-118.17194 34.19278



**Southern end of site\_071621.jpg**  
-118.17361 34.18784

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: July 19, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	70 °F	0-3 MPH	20 %
<b>End of Day</b>	15:43	93 °F	7-9 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1) excavation 2) Two excavators, bulldozer, two water trucks, hauls trucks, scraper, front loader 3) Joe and John (Griffith) and Daniel (LA County)

**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:**

CORA, HOFI, CASJ, CALT, ROPI, COYE, SOSP, Amazona spp., SBMU, NUWO, AMCR, LEGO, CA ground squirrel, ANHU, COHA, WREN, BUSH, KILL, NRWS, NOFL, western fence lizard, western side-blotch lizard, western toad, ACWO, coyote, WTSW, TUVU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 onsite; access road clearance.

0700 begin monitoring excavation activities (Pic. 1 and 2).

0750 YEWA calling near the edge of the project area on western side near scale house.

1030 clear area and monitor scraper clearing and grading over very sparse low vegetation (Pic. 3).

1500 monitor bulldozer level out sparsely vegetated area near dam (Pic. 4).

1530 end monitoring.

1545 leave site.

**Additional Comments**

P1-excavation\_during\_facingSE P2-excavation\_during\_facingSE P3-grading\_during\_facingNE P4-grading\_during\_facingW

**Signature**





photo\_1- excavation\_during\_facingSE.jpg



photo\_2- excavation\_during\_facingSE.jpg



photo\_3- grading\_during\_facingNE.jpg



photo\_4- grading\_during\_facingW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: July 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	66 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	91 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling, vegetation removal, rock crushing. 2. Four excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks, bottom dump trucks. 3. 10 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**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, NOMO, RLPA, CALT, HOFI, NRWS, AMKE, RTHA, MODO, SOSPO, TUVU, CORA, Western toad, western fence lizard, common side-blotched lizard, desert cottontail, CA ground squirrel, coastal whiptail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 arrived on site, attended tailboard.

0645 conducted clearance sweep of all roads and work areas.

0705- monitored excavator tracking in along established road from the north. Walked ahead of the excavator to look for snakes/nesting birds.

0730- monitored sediment removal activities.

0735- monitored hauling of rock to just in front of the dam to an excavator crushing the rock to create rip rap.

0740- conducted clearance sweep of vegetated areas near the entry ramp and south of the Altadena drainage.

0810- monitored vegetation removal near the entry ramp and south of the Altadena drainage. Relocated ~40 western toads.

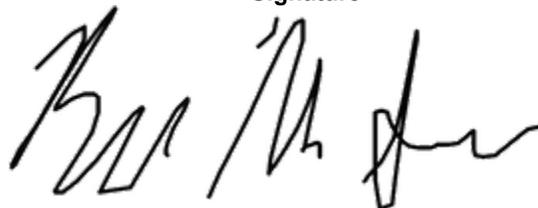
0945 conducted clearance sweep of all roads and work areas.

1200 conducted clearance sweep of all roads and work areas.

**Additional Comments**

N/A

**Signature**





07-20-2021\_excavator\_tracking\_into\_site\_facingN.jpg



07-20-2021\_excavator\_clearing\_vegetation\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: July 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	70 °F	0-3 MPH	5 %
<b>End of Day</b>	15:15	97 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Rock breaking, grading, vegetation removal, excavation 2. Excavator, scraper, haul trucks, water trucks, dozer, front loader 3. Scot (excavator operator - Griffith sub), John and Joe (Griffith)

**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, Amazona spp., HOFI, LEGO, western toad, NRWS, SOSPO, western side-blotch lizard, western fence lizard, WTSW

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0635 arrive onsite.

0645 clear access roads; clear vegetation removal location (Pic. 1).

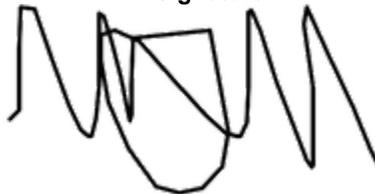
0710 begin monitoring vegetation removal (Pic. 2).

1500 end monitoring (Pic. 3.) 1515 leave site.

**Additional Comments**

P1- vegetation\_removal\_before\_facingS P2 - vegetation\_removal\_during\_facingSW P3 - vegetation\_removal\_after\_facingSE

**Signature**





Cleared\_vegetation\_removal\_site.jpg



Vegetation\_removal.jpg



**Vegetation\_removal.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	71 °F	0-3 MPH	5 %
<b>End of Day</b>	15:20	103 °F	0-3 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, excavating and hauling dirt, hauling rock within the site, drilling rock 2. 2 large excavators, approx 70 haulage trucks, 1 medium (320) excavator for veg clearing, mini ex with drill attachment; moving and drilling rock pile, bulldozer, scraper, 3 water trucks 3. Johnny Griffith, Scott (veg removal)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Side-blotched lizard, cabbage white butterfly, cottontail, Amazona sp., HOFI, COYE, whiptail, western toad, California tree frog, CORA, CLSW, LEGO, SOSP

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 began clearance sweep

0700 haulage trucks began

0720 monitored vegetation removal in southern section

1500 end of veg removal. Rounded up remaining anurans and released in creek

1520 end of day

**Additional Comments**

N/A

**Signature**





**Loading rockpile to haul to the Southern section\_072221.jpg**  
-118.17424419444446 34.1891780277777



**Excavator loading dirt\_southern section\_072221.jpg**  
-118.17533047222223 34.18597534722222



**Veg removal\_southern section\_072221.jpg**  
-118.1750916777779 34.1857464805555



**Veg removed\_southern section\_072221.jpg**  
-118.1751854722222 34.1857383055555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:05	64 °F	0-3 MPH	10 %
<b>End of Day</b>	15:00	92 °F	4-6 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Removing vegetation piles created from yesterday's vegetation removal. Excavating and hauling dirt
2. 2 large excavators, approx. 70 haulage trucks, medium excavator (loading removed veg), dump truck, scraper, water trucks
3. Johnny Griffith, Scott (operator of med excavator)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Western toad, California tree frog, parrot (*Amazona sp.*), leech, wolf spider, coyote, praying mantis, cottontail, swallowtail, cabbage white butterfly, RSHA, CORA, LEGO, SOS, HOFI, CLSW, COYE, RTHA, TUVU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0605 began clearance sweep  
0715 swept area scheduled for vegetation clearing  
0825 monitored removal of vegetation piles  
0945 road clearance sweep  
1100 observed vegetation in SW for nesting bird activity  
1215 road clearance sweep  
1350 observed vegetation in SW for nesting bird activity  
1500 End of Monitoring

**Additional Comments**

N/A

**Signature**





**Removing veg piles\_072321.jpg**  
-118.17514448333334 34.18574161944444



**Excavator loading haulage truck\_072321.jpg**  
-118.17535026111112 34.18700996666665



**Drilling\_rocks\_072321.jpg**  
-118.17534020277779 34.187054374999995



**Loading\_haul\_truck.jpg**  
-118.17519351944445 34.18730597222222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: July 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	68 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	82 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Monitored Griffith crew conducting vegetation removal. Equipment used included two excavators and a water truck. Construction personnel included two equipment operators, one water truck driver, and one foreman (Joe C.)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Western Toad, Pacific tree frog, Deer mouse, Western fence lizard, Desert cottontail, HOFI, LEGO, MODO, AMCR, ACWO, COYE, BUSH, CASJ, CLSW

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Discussed POD with Adam and Griffith crew, conducted preconstruction sweep.

0700 Crew began removing vegetation.

1500 Crew done for the day, biologist conducted final sweep and left for the day.

**Additional Comments**

N/A

**Signature**





**Vegetation\_removal\_before\_facingWest.jpg**  
-118.17552 34.18708



**Vegetation\_removal\_during\_facingSouthEast.jpg**  
-118.17573 34.18652

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: July 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	80 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation removal, rock crushing.
2. Three excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks.
3. 10 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**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, RLPA, LEGO, HOFI, SOSP, MODO, COHA, Western toad, Desert cottontail, Western fence lizard, Baja California tree frog

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0640 Arrived on site, attended tailboard.

0645 Conducted clearance sweep of all roads and work areas.

0740 Monitored clearing of vegetation along west side of drainage moving toward the dam. Relocated 50+ western toads, 2 western fence lizards, 1 desert cottontail, and 10+ Baja California tree frogs.

0900 Monitored rock crushing adjacent to the dam.

1000 Conducted clearance sweep of all roads and work areas.

1230 Conducted clearance sweep of all roads and work areas.

**Additional Comments**

N/A

**Signature**





07-26-2021\_vegetation\_removal\_facingNorth.jpg



07-26-2021\_rock\_crushing\_facingNorthWest.jpg



07-26-2021\_vegetation\_removal\_facingWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: July 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	63 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	9 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling, vegetation removal, rock crushing.
2. Four excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks, bottom dump trucks.
3. 10 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**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, CORA, RLPA, COHA, CALT, SOSPO, MALL, MODO, Western fence lizard, Western toad, Deer mouse

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Arrived on site, attended tailboard.

0645 Conducted clearance sweep of all roads and work areas.

0709 Monitored vegetation clearing at the southwest corner of the project area, adjacent to flint wash.

0805 Conducted a clearance sweep of a vegetated area next to the Altadena drainage.

0815 Monitored vegetation removal adjacent to the Altadena drainage.

0830 Monitored excavator digging a retention basin and building a berm at the outlet of the Altadena drainage.

Relocated 4 western toads.

0916 Monitored vegetation removal on the east side of the haul road. Relocated two deer mice, two western fence lizards, two western toads, one common side-blotched lizard, one desert cottontail.

0945 Conducted clearance sweep of all roads and work areas.

1230 Conducted clearance sweep of all roads and work areas.

1430 Monitored bulldozer removing vegetation and finish grading along the western boundary of the project area.

**Additional Comments**

N/A

**Signature**





07-27-2021\_loading\_and\_hauling\_sediment\_facingNorthEast.jpg



07-27-2021\_vegetation\_removal\_and\_rock\_crushing\_facingSouth.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Taylor Dee**  
**Date of Log: July 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:24	67 °F	0-3 MPH	0 %
<b>End of Day</b>	15:25	89 °F	0-3 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith conducting sediment removal activities. Equipment including excavators, dozer, loader, backhoe, and a blade conducting earth moving activities and loading haul trucks. 1 excavator used a jack hammer attachment to break up rocks. 1 excavator and a backhoe were used to remove emergent vegetation. Water trucks and street sweepers also operating.

**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, parrot sp., BEWR, ANHU, CASJ, SOSP, Western fence lizard, western toad, desert cottontail, deer mouse, tree frog, BUSH, NUWO, COYE, Coastal whiptail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0624 arrived onsite and met Adam. Conducted sweep of area with emergent vegetation planned for removal in southern sediment removal area. Relocated 2 Western toads from work area. 0700 Began monitoring excavator, operated by Scott, remove emergent vegetation. Switched between monitoring and surveying ahead of excavator. When Adam monitored vegetation removal I surveyed ahead and when he left to monitor equipment on the west side I monitored. Relocated 3 tree frogs, 1 mouse, 8 western toads, and 1 western fence lizard out of harm's way. One excavator used jackhammer attachment to break up rocks in southern portion of Sediment Removal Area. Haul trucks were being loaded in the northern part of the Sediment Removal Area. 1006 Surveyed area on west side of reservoir. No breeding behavior or nests observed. 1155-1219 took lunch 1219 switched with Adam and monitored Scott remove emergent vegetation along west side while he took lunch and when he monitored vegetational removal on west side further north. 1450 Sediment removal is done for the day. Crews demobilizing and staging equipment. Adam is still monitoring dozer. I removed stakes from old inactive nests before returning gear to Adam. 1525 left site. No impacts to sensitive biological resources were observed.

**Additional Comments**

N/A

**Signature**





Excavator removing emergent vegetation\_facing south.jpg



Excavator removing emergent vegetation\_facing north.jpg



07-27-2021\_digging\_retention\_basin\_facingSouthEast.jpg



07-27-2021\_vegetation\_removal\_and\_grading\_facingSouthEast.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Date of Log: July 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	65 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	92 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

- 1: Sediment removal, loading, and hauling. Vegetation removal and rock crushing.
- 2: Four excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks, hauling trucks.
3. 10 Griffith (scott, excavator)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RSHA, HOFI, CORA, SOSP, Western fence lizard, Wood rat, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

ASSISTING ADAM WITH VEGETATION REMOVAL

0645: Completed clearance sweep of vegetation to be removed.

0705: Monitored vegetation removal by excavator

0725: Second excavator began assisting with vegetation removal at same work area.

0900: Second excavator leaves to begin rock breaking.

1000: Clearance sweep ahead of excavator through vegetation. Continue to monitor and relocate western fence lizards and western toads.

1500: Vegetation removals stops.

**Additional Comments**

N/A

**Signature**





photo\_1-vegetation\_removal\_facingNorthWest.jpg



photo\_2-water\_truck\_and\_vegetation\_clearing\_facingNorthWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: July 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	64 °F	0-3 MPH	5 %
<b>End of Day</b>	15:00	93 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling, vegetation removal, rock crushing.
2. Four excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks, bottom dump trucks.
3. 10 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RSA, RLPA, CLSW, CORA, HOFI, CALT, SOSP, Western fence lizard, Western toad, Wood rat

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 Arrived on site, attended tailboard.

0645 Conducted clearance sweep of all roads and work areas.

0710 Monitored vegetation removal west of the exit ramp with two excavators.

0730 Monitored sediment removal activities.

0845 Second excavator finished removing vegetation and went back to breaking rock. Relocated 3 western toads and two fence lizards

0945 Conducted clearance sweep of all roads and work areas.

1015 Monitored second excavator loading out vegetation into containers to be taken offsite.

1230 Conducted clearance sweep of all roads and work areas.

1419 Updated WREN-1.

**Additional Comments**

N/A

**Signature**





07-28-2021\_vegetation\_removal\_facingSouth.jpg



07-28-2021\_rock\_crushing\_facingEast.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:00	66 °F	0-3 MPH	0 %
<b>End of Day</b>	15:18	98 °F	0-3 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, excavating, and hauling, hammering
2. 1 scraper, 2 excavators (hauling), 2 excavators vegetation clearing (one excavator converted to hammer at 9am), dump truck, water trucks,
3. Scott (operator veg clearing), Johnny Griffiths

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Carpenter bee, Side-blotched lizard, Western toad, ANHU, LEGO, SOSP, Amazona sp., COYE, ALHU, Deer mouse, Rat (non native), CORA, CALT, COHA, Whiptail, Swallowtail, Cabbage white, Monarch

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0600 Roadways clearance sweep  
0630 Met Carter, swept South West corner scheduled for clearing  
0700 Began vegetation removal  
0745 Scott joined by 2nd excavator (Dana), and the scraper (Doug)  
0905 Road clearance sweep  
0950 Monitoring vegetation clearance in South West area  
1400 Swept section next to berm at arroyo entrance, monitored vegetation removal with scraper  
1425 Back to monitoring vegetation removal in South West section

**Additional Comments**

N/A

**Signature**





Vegetation\_removal\_SouthWest\_corner\_072921.jpg  
-118.17652 34.18701



SouthWest\_corner\_vegetation\_removal\_072921.jpg  
-118.17678 34.18756



**Excavators\_and\_scraper\_vegetation\_removal\_072921.jpg**  
-118.17661 34.18726



**photo\_4\_cleared\_vegetation\_-20210729-161305.jpg**  
-118.17579 34.18761

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Date of Log: July 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	65 °F	0-3 MPH	0 %
<b>End of Day</b>	11:30	88 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing. Rock Breaking, sediment digging, loading, and hauling.
2. 4 excavators, 1 blade, 3 water trucks, loaders, hauling trucks.
3. Scott (griffiths, vegetation 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:**

ANHU, CORA, CALT, SOSPO, HOFI, Amazona spp., Deer mouse, Wood rat, Western fence lizard, Side-blotched lizard, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

ASSISTING VERITY WITH VEGETATION REMOVAL

0630: Clearance sweep of vegetation to be cleared in SW corner.

0700: Excavator begins clearing vegetation.

0715: Clearance sweep of unused dirt road at SW corner.

0745: Second excavator begins to assist in. Learning vegetation. Griffiths crew member marking project boundary for vegetation clearing.

0820: Monitor vegetation clearance of road by blade.

0900: Second excavator leaves to begin rock breaking.

1000: Vegetation clearing on west slope of road at W edge of project boundary.

**Additional Comments**

N/A

Signature





photo\_1-blade\_clearing\_road\_facingNorth.jpg



photo\_2-W\_slope\_vegetation\_removal\_facingSouthEast.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: July 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	67 °F	0-3 MPH	10 %
<b>End of Day</b>	15:00	100 °F	4-6 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating & hauling dirt, hammering rocks, escorted excavator off site
2. 2 excavators, approx 70 haulage trucks, 3 water trucks, small excavator with drill attachment, scraper
3. Griffiths

**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, Cottontail, Cabbage White butterfly, Swallowtail, Side blotched lizard, Parrot (Amazona sp.), Western toad, CORA, TUVU, SOSP, ALHU, MODO, ACWO, CASJ, LEGO

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 Roadways clearance sweep  
0730 Inspected vegetation piles created yesterday  
0825 Scoped out exit route to be taken by excavator  
0940 Escorted excavator off site  
1025 Roadways clearance sweep  
1135 Observed remaining vegetation in South West for nesting bird activity  
1215 Road clearance sweep  
1330 Observed vegetation in the South West for Nesting bird activity  
1500 End of monitoring

**Additional Comments**

N/A

**Signature**





Excavating\_and\_hauling\_southern\_section\_073021.jpg  
-118.17416 34.18748



photo\_Excavator\_moving\_rocks\_2-20210730-143200.jpg  
-118.17503 34.18717



2<sup>nd</sup>\_excavator\_at\_northern\_end\_of\_the\_site\_073021.jpg



Escorted\_excavator\_offsite.jpg  
-118.16699 34.19855

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Date of Log: August 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	68 °F	0-3 MPH	0 %
<b>End of Day</b>	11:18	90 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation removal
2. Three excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks
3. 10 Griffith personnel, 2 Cal Earth Transport personnel

**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, CALT, COHA, MODO, HOFI, COYE, Side blotched lizard, Western fence lizard, Western toad, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

\*Assisting Adam with Vegetation Removal Monitoring\*

0645 Conducted sweep of vegetation to be removed

0710 Monitored vegetation removal on west edge of project

0900 Vegetation clearing complete on west edge. Begin removal of small patch on west slope of hauling road at South West corner of project.

0940 Relocated one deer mouse, three western fence lizards, and 3 western roads

0950 Monitor movement of debris piles to be placed into bins

1030 Relocated 5 western toads and 1 western fence lizard.

1045 Excavator continues sifting through debris piles. Relocated two deer mice, one western fence lizards, and five western toads.

**Additional Comments**

N/A

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: August 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	99 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation removal, sediment removal.
2. Three excavators, one blade, one bulldozer, one skip loader, one front loader, three water trucks.
3. 10 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RLPA, CALT, COYE, SOSPO, NUWO, BLPH, CORA, MODO, COHA, CASJ, Common side-blotched lizard, Western fence lizard, California ground squirrel, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0635 Arrived on site, attended tailboard.

0645 Conducted clearance sweep of all roads and work areas.

0710 Monitored vegetation clearing along the western edge of the project area.

0730 Monitored sediment removal activities.

0745 Monitored skip loader piling cleared vegetation piles for loading into bins.

0900 Conducted clearance sweep of small vegetated area at the northeast corner of the project site.

0930 Monitored bulldozer removing small patch of vegetation at the northeast corner of the project site.

1045 Monitored removal of vegetation piles and placing them into bins to be hauled off site. Relocated 2 deer mice, 5 western toads, and one western fence lizard

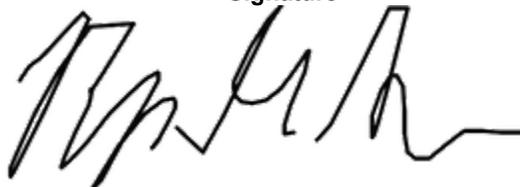
1100 Conducted clearance sweep of all roads and work areas.

1400 Conducted clearance sweep of all roads and work areas.

**Additional Comments**

N/A

**Signature**





08-02-2021\_vegetation\_removal\_facingSouth.jpg



08-02-2021\_vegetation\_clearing\_and\_grading\_facingSouthWest.jpg



08-02-2021\_sediment\_removal\_facingSouth.jpg



08-02-2021\_loading\_out\_cleared\_vegetation\_facingNorth.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: August 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	93 °F	0-3 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Excavation

**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, CALT, WREN, HOFI, CORA, COHA, SPTO, CASJ, Parrot species, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Escorted excavator off site at around 10am. Drove all roads throughout day to check for snakes.

**Additional Comments**

N/A

Signature





Excavation\_facingSouthEast.jpg  
-118.17589 34.18819



Excavation\_facingWest.jpg  
-118.17084 34.19382



Excavation\_facing\_West.jpg  
-118.17081 34.19385



Excavation\_SouthWestcorner\_facingWest.jpg  
-118.1759 34.18819

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	98 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling dirt, taking and returning waste containers
2. 2 large excavators, approx. 70 haulage trucks, bulldozer, scraper, front loader, 4 water trucks,
3. Griffiths construction. Johnny Griffiths

**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, Cabbage white butterfly, Swallowtail, Side-blotched lozard, Beefly, Monarch, European honeybee, CASJ, COYE, CORA, HOOR, ACWO, LEGO, SOSP,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 Conducted roadway clearance sweep  
0740 Swept vegetation along western bank scheduled for clearing  
0920 Conducted road clearance sweep  
1045 Monitored removal of vegetation waste containers  
1105 Observed vegetation in South West for nesting bird activity  
1155 Added UNKN\_3  
1230 Conducted roadways clearance sweep  
1345 Observed ACWO\_2; no activity observed  
1410 Observed pedestrian bridge with CLSW nests  
1500 End of monitoring

**Additional Comments**

N/A

**Signature**





Excavator\_loading\_dirt\_in\_SouthWest\_corner\_080421.jpg  
-118.17367 34.18833



Excavator\_loading\_haulers\_at\_North\_End\_080421.jpg  
-118.17214 34.1925



Haulers\_at\_weigh\_station\_080421.jpg  
-118.1759 34.18935



photo\_4\_bulldozer\_clearing\_vegetation\_-20210804-145233.jpg  
-118.17447 34.18531

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	67 °F	0-3 MPH	0 %
<b>End of Day</b>	15:04	100 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling dirt
2. 2 large excavators, front loader, approx 70 haulage trucks, scraper, 3 water trucks
3. Johnny Griffiths. Griffiths construction

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Side-blotched lizard, Swallowtail, ANHU, CORA, LEGO, SOSPO, ALHU, CASJ, ACWO, HOOR, Amazona sp.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 Conducted clearance sweep of roadways  
0745 Observe vegetation in South West for Nesting bird activity  
0915 Conducted clearance sweep of roadways  
1040 Observed CLSW nests on dam front  
1110 Observed vegetation in South West section  
1220 Conducted clearance sweep of roadways  
1350 Observed vegetation in South West area  
1500 End of monitoring

**Additional Comments**

N/A

**Signature**





**Excavator\_loading\_haulers\_northern\_section\_080521.jpg**  
-118.17253 34.19201



**Scraper\_photo\_facing\_South\_080521.jpg**  
-118.17255 34.19201



Front\_loader\_filling\_haulage\_trucks\_SouthWest\_section\_080521.jpg  
-118.17585 34.18902



photo\_excavator\_moving\_dirt\_4-20210805-163925.jpg  
-118.17679 34.18659

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	66 °F	0-3 MPH	0 %
<b>End of Day</b>	15:01	89 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling, arranging rocks, excavator arrived on site 2. 2 large excavators, approx 70 haulers, 3 water trucks, 1 bulldozer, 1 scraper, 1 excavator (rocks) 3. Griffiths, Johnny Griffiths

**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, Amazona sp., California ground squirrel, Cottontail, Side-blotched lizard, Eastern fox squirrel, West coast lady butterfly, Western tiger swallowtail, Cabbage white butterfly, CALT, CORA, MODO, ANHU, ACWO, CLSW, CASJ, SOSP, LEGO, RTHA, ALHU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610 Roadways clearance sweep  
0700 Swept route for bringing in excavator  
0730 Escorted excavator onto site  
0800 Updated nests to the north  
0905 Roadways clearance sweep  
1015 Observed vegetation in South West for Nesting bird activity  
1225 Roadways clearance sweep  
1400 Observed vegetation in South West to be cleared  
1500 End of monitoring

**Additional Comments**

N/A

Signature





Excavator\_loading\_haulage\_trucks\_in\_northern\_section.jpg  
-118.17144 34.19271



Escorting\_excavator\_080621.jpg  
-118.16918 34.19498



Excavator\_organising\_rocks\_southern\_end\_080621.jpg  
-118.1745 34.18734



photo\_4\_excavator\_loading\_haul\_truck\_-20210806-160916.jpg  
-118.17615 34.18766

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: August 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	63 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Excavation

**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, YEWA, HOFI, COYE, ACWO, CALT, Parrots

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Met with engineers @ 9:30 to answer questions about the drainage area. Drove roads to check for snakes.

**Additional Comments**

N/A

**Signature**





Excavation\_facingWest\_01.jpg  
-118.17341 34.18959



Excavation\_facingWest\_02.jpg  
-118.17454 34.18935



Excavation\_facingEast.jpg  
-118.17324 34.18968

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: August 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	63 °F	0-3 MPH	0 %
<b>End of Day</b>	15:42	93 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Excavation
2. Excavator, scraper, front loader, water trucks, haul trucks, bulldozer
3. John (Griffith), Fahim, Daniel and Emily (LA County)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ALHU, SOSPO, Amazona spp., CORA, CALT, MODO, WREN, HOFI, LEGO, NUWO, BUSH, Western fence lizard, Western side-blotch lizard, California ground squirrel, BLPH, RTHA, CASJ, ANHU, SPTO, ACWO

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630 onsite; check roads

0700 begin monitoring excavation activities (Pic.1).

1400 begin monitoring vegetation removal (Pic. 2).

1455 end monitoring vegetation removal (Pic. 3).

1545 end monitoring; leave site.

**Additional Comments**

P1-excavation\_during\_facingSouth P2-vegetation\_removal\_during\_facingSouth P3-vegetation\_removal\_after\_facingNorthWest

**Signature**





photo\_1\_ P1\_excavation\_during\_facingSouth\_20210810-151959.jpg



photo\_2\_vegetation\_removal\_during\_facing\_South\_20210810-152013.jpg



photo\_3\_vegetation\_removal\_after\_facing\_NorthWest-20210810-152018.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: August 11, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	70 °F	0-3 MPH	95 %
<b>End of Day</b>	15:15	93 °F	7-9 MPH	80 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading and vegetation removal
2. Excavators, skiploader, scraper, bulldozer, front loader, dump truck, water truck
3. Joe, John, Leo (Griffith), Daniel (LA County)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, CASJ, Amazona spp., HOOR, ANHU, HOWR, Western fence lizard, California ground squirrel, CATH, LEGO, NOMO, ACWO, BHGR, MODO, SPTO, PEFA, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0640 Onsite; check roads  
0700 Monitor grading activities (Pic. 1).  
1030 Observe new nest (MODO\_8)  
1100 Monitor vegetation removal (Pic. 2).  
1500 End monitoring  
1515 Leave site

**Additional Comments**

P1-grading\_during\_facingN P2-vegetation\_removal\_facingS

**Signature**





photo\_1\_ grading\_during\_facingNorth\_20210812-093031.jpg



photo\_2\_ vegetation\_removal\_facingSouth\_20210812-093039.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: August 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:42	62 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	94 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith Co, excavator, water trucks, dozer, loader, blade demobilizing from site and finishing grade, moving boulders

**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, SBMU, ANHU, Parrot sp, RSHA, HOFI, CALT, CAQU, BARS, CASJ, EUCD, AMCR, OATI, YEWA, Side blotched lizard, Coastal whiptail, ACWO, ATFL, CORA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0642 Arrived onsite, met with Griffith (Joe & Johnny) to discuss work plan for the day. no vegetation removal occurring today. One crew is working at dam face with excavator and dozer to meet finished grade. One crew is working in the north moving boulders, one crew working to meet grade around perimeter. Other crew working to take down signage and other demobilization activities onsite. Gave WEAP training to one new worker.

0700 Drove perimeter of site to check for snakes and other wildlife.

0800 Walked the perimeter of thr site, updated CORA, NRWS, and CLSW nests.

1100 Conducted second sweep of site.

1300 Began monitoring low lying emergent vegetation removal south of Alta Dena drain using blade.

1445 Vegetation removal complete no wildlife observed.

1500 Work done for the day, conducted final sweep of site. no bio issues observed.

1515 Biologist left site

**Additional Comments**

N/A

**Signature**





**photo\_1-overview\_of\_work\_activities.jpg**  
-118.1753 34.18539



**photo\_2-moving\_boulders.jpg**  
-118.17084 34.19404



photo\_3-work\_at\_dam\_face.jpg  
-118.17544 34.18596



photo\_4-vegetation\_removal\_with\_blade.jpg  
-118.17356 34.18656

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: August 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	66 °F	0-3 MPH	0 %
<b>End of Day</b>	15:06	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Monitored vegetation removal with excavator

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ANHU, Red Crowned Parrots, NUWO, SOSP, YWAR, ACWO, CORA, CALT

**Did You Observe any Non-Compliance Issues?**  Yes  No

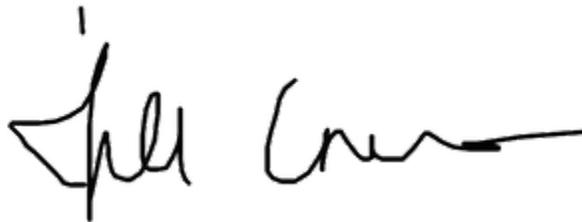
**Log Entry**

Monitored vegetation removal with excavator in south west corner below the road.

**Additional Comments**

N/A

Signature





Hauling\_dirt\_facingWest.jpg  
-118.1759 34.18842



Grading\_facingSouth.jpg  
-118.17443 34.18717



Excavation\_facingSouthEast.jpg  
-118.17328 34.18931



**Vegetation Removal\_facingWest.jpg**  
-118.17699 34.18631

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	68 °F	0-3 MPH	30 %
<b>End of Day</b>	15:00	98 °F	4-6 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading, moving rocks around the site (South), vegetation removal along right hand side of road in South West section. Packing up the weigh station, removing materials from staging section. Organic waste bins collected. Began filling in large shallow excavation in South West. Grading and scraping in South section and West section (by original trim station)
2. 2 graders, dump truck, large excavator, bulldozer, mini bulldozer, front loader, 2 water trucks, roller, scraper
3. Griffiths construction; Johnny Griffiths,

**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 tiger swallowtail, California ground squirrel, Cabbage white butterfly, Side-blotched lizard, CAQU, CALT, LEGO, SOSP, Amazona sp., HOOR, COYE, CORA,

**Did You Observe any Non-Compliance Issues?**  Yes  No

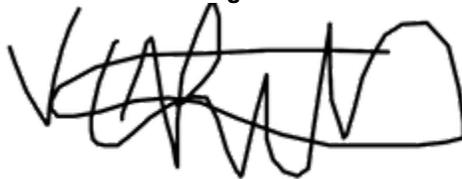
**Log Entry**

0610 Conducted roadways clearance sweep  
0715 Walked route to bring in machinery  
0740 Escorted 2 graders onto site through public access routes  
0820 Gave WEAP training to the two grader operators; Pete Nunez, Mike Bouman  
0855 Conducted roadways clearance sweep  
1020 Observed UNKN-3; no activity. Observed vegetation in South West for nesting bird activity  
1205 Conducted roadways clearance sweep  
1340 Checked vegetation along right hand side of road (LHS of original trim area) for wildlife prior to clearing. Observed vegetation removal.  
1500 End of monitoring

**Additional Comments**

N/A

Signature





**Escorting\_two\_graders\_onto\_site\_08162021.jpg**  
-118.168 34.19749



**Bulldozer\_filling\_in\_shallow\_excavation\_in\_SouthWest\_081621.jpg**  
-118.17603 34.18759



Grading\_in\_the\_West\_removing\_fencing\_marking\_original\_trim\_station\_081621.jpg  
-118.17602 34.1876



Excavator\_loading\_dump\_truck\_to\_redisribute\_rock\_in\_the\_South\_081621.jpg  
-118.1753 34.18731

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	70 °F	0-3 MPH	0 %
<b>End of Day</b>	15:05	91 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading, vegetation removal
2. 2 graders, 1 scraper, 2 water trucks, 1 large bulldozer, 1 mini bulldozer, large excavator, dump truck,
3. Griffith's construction; Johnny Griffiths

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

Amazona sp., Side-blotched lizard, Monarch, Coyote, COHA, CALT, LEGO, SOSP,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610: Conducted roadways clearance sweep.

0740: Swept remaining vegetation along RHS of exiting roadside (to the left of previous trim station), monitored clearing.

0800: Swept vegetation piles in corner section of new ramp; monitored removal.

0910: Conducted roadways clearance sweep.

1040: Observed vegetation in South West for NB activity.

1215: Conducted roadways clearance sweep.

1235: Observed deceased juvenile coyote, based in maggot load and extent of rigormortis T.O.D estimated to be over the weekend. (34.1911115, -118.1733197). Site works haven't been focused in that area this week. Difficult to determine cause of death but found in basin with numerous bike marks around (determined not to be a project-based death).

1310: Monitored construction activities.

1500: End of monitoring.

**Additional Comments**

N/A

Signature





Site\_overview\_facing\_South\_081721.jpg  
-118.17409 34.18771



Remvoing\_vegetation\_piles\_on\_inner\_corner\_of\_exit\_road\_081721.jpg  
-118.1774 34.18588



**Bulldozer\_scraping\_SouthWest\_corner\_081721.jpg**  
-118.17655 34.18671



**Grader\_grading\_new\_road\_081721.jpg**  
-118.17655 34.18671

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Taylor Dee**  
**Date of Log: August 18, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	68 °F	0-3 MPH	100 %
<b>End of Day</b>	15:30	75 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith conducting earthwork in southern portion of the reservoir with 1 blade, 2 scrapers, 2 dozers, 1 front loader, 1 sheep's toe compact roller, 1 excavator, and water trucks.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

NUWO, Parrot, ATFL, BUSH, OATI, CALT, WREN, Desert cottontail, Western fence lizard, BARS, ACWO, AMCR, CASJ, MODO, CORA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: Arrived on site.

0645: Went over plan for the day with Joe (Griffith foreman). No vegetation removal was planned for today. They would move dirt in the southern part of the reservoir: remove western haul road, bring area north of dam up to grade, and add fill/base to ramp along east side. Water trucks running.

0700: Equipment mobilizing.

0715: Earthworks started. 2 scrapers, 1 dozer moving dirt along western haul road.

0720: Excavator and dozer began moving dirt and rocks north of dam to bring area up to grade. Front loader also began moving dirt between south center of reservoir and western haul road. Monitored construction activity and routinely swept the work area and haul roads for wildlife that may need to be relocated out of harm's way.

0945: Observed nests ANHU-3, ANHU-10, MODO-4, and LEGO-3.

1059: Crew used front loader and sheep's toe compact roller near area north of dam where they had been bringing up the grade. Excavator was digging in western haul road area.

1258: Large excavator stopped work and mechanic appeared to work on it.

1316: Joe said they wanted to remove vegetation along top of western access road. I walked areas with Joe, discussed with Ramsey (LADPW inspector), and surveyed them before removal. Monitored smaller excavator remove mostly emergent weedy and some dead vegetation including horse weed, annual ambrosia, mustard, and other annual species.

1457: Construction done for the day. Crew began staging demobilizing and staging equipment. No impacts to sensitive biological resources observed.

**Additional Comments**

drizzling

**Signature**

*[Handwritten scribble]*



Earthwork\_along\_western\_haul\_road\_facing\_South.jpg  
-118.17601 34.18853



Earthwork\_north\_of\_dam\_to\_bring\_area\_up\_to\_grade\_facing\_east.jpg



Scrapers\_adding\_fill\_to\_road\_ramp\_on\_eastern\_side\_facing\_north.jpg  
-118.17415 34.18618



photo\_4\_foot/toe\_roller\_compacting\_fill\_noth\_of\_dam.jpg  
-118.1753 34.18709

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: August 19, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	63 °F	0-3 MPH	100 %
<b>End of Day</b>	15:16	70 °F	0-3 MPH	75 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith with approximately 15 crew. 3 scrapers, 1 dozer, 1 roller, 1 blade, 2 water trucks. Primary focus today is to build new west exit ramp & other site cleanup activities

**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, CALT, MODO, AMCR, ANHU, Coyote, BARS, NUWO, BLPH, HOFI, LEGO, YEWA, BUSH, CATH, WEBL, California ground squirrel, Western fence lizard, CAQU, ACWO

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0700: Arrived onsite, swept roads for wildlife.

0715: Gave WEAP training to new scraper operator.

0745: Escorted new scraper onsite.

0835: Walked perimeter of site.

1100: Gave WEAP training to another new worker at tire wash.

1200: Continued perimeter walk.

1315: Monitored earthwork activities.

1500: Conducted final sweep of site no bio issues observed.

**Additional Comments**

N/A

**Signature**





photo\_1\_equipment\_working\_within\_project\_site.jpg  
-118.17411 34.1853



photo\_2\_scraper\_accessing\_site.jpg  
-118.17088 34.19368

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: August 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	20 %
<b>End of Day</b>	15:00	81 °F	4-6 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Vegetation removal, grading, slope cleanup.
2. One excavator, one blade, two bulldozers, one front loader, three scrapers, one sweeper, three water trucks, one roller.
3. 10 personnel (Griffith; Joe).

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RLPA, NUWO, MODO, ACWO, CORA, AMCR, ANHU, CASJ, LEGO, HOFI, RTHA, RSHA, Commons side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

0820- I noticed that the bulldozer appeared to have cut just outside the work boundary on the north side of the top of the exit ramp (within DG-4). The work limit comes right up to the edge of the toe of the road, and they cut just inside to get a bulldozer in to clean up the slope. The affected area outside the work limits is a triangle and is approximately 10ft x 30ft and it doesn't extend more than 12ft outside the work limits. They did not impact any of the planted plants or water lines in DG-4, and the area affected seems to have been somewhat disturbed already.

**Log Entry**

0645: Arrive on site, attended tailboard.

0705: Monitored grading activities along the exit ramp.

0803: Monitored bulldozer knocking down built-up dirt from the top of the exit ramp.

0820: The bulldozer appeared to have cut just outside the work boundary on the north side of the top of the exit ramp (within DG-4), see noncompliance section.

0845: Monitored excavator removing vegetation from the north slope on top of the exit ramp.

**Additional Comments**

N/A

Signature





08-20-2021\_scraping\_facingSouthEast.jpg



08-20-2021\_grading\_and\_slope\_cleanup\_facingWest.jpg



08-20-2021\_graded\_area\_just\_outside\_work\_limits\_DG-4\_facingSouth.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	56 °F	0-3 MPH	60 %
<b>End of Day</b>	15:05	82 °F	0-3 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading
2. 3 graders, mini bulldozer, front loader, bulldozer, water trucks, scraper. Truck dropping off containers
3. Griffiths construction; Joe Griffiths

**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, Cabbage white butterfly, Swallowtail, Side-blotched lizard, Whiptail, Amazona sp., COHA, CORA, CALT, KILL, MODO, BLPH, HOFI, ANHU, ACWO, LEGO, SOSP

**Did You Observe any Non-Compliance Issues?**  Yes  No

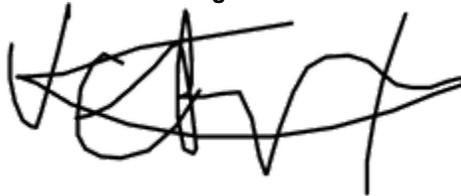
**Log Entry**

0610: Conducted roadways clearance sweep - reptile fencing down in a few sections.  
0730: Monitoring construction activity.  
0940: Conducted roadways clearance sweep.  
1115: Monitored construction.  
1220: Conducted roadways clearance sweep.  
1330: Observed south section of vegetation on West edge.  
1505: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Grading\_top\_section\_082321.jpg**  
-118.17348 34.18762



**Grading\_in\_the\_SouthWest\_082321.jpg**  
-118.17517 34.18681



**Rolling\_in\_the\_South\_082321.jpg**  
-118.17508 34.18684



**Reconfigured\_exit\_route\_082321.jpg**  
-118.17558 34.18712

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	55 °F	0-3 MPH	40 %
<b>End of Day</b>	15:00	86 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading, front loader sifting out rocks from south and lining base of slope around the center point on the Eastern edge.
2. 3 graders, 3 bulldozers (large, med, small), scraper, 1 water truck, 1 front loader, a roller
3. Griffiths construction; Johnny Griffiths, Joe Carattini

**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, Amazona sp., CASJ, COHA, CORA, Whiptail, ANHU, BUSH, ACWO, California ground squirrel, MODO, European honeybee, Side-blotched lizard, Cabbage white, BLPH, Gulf fritillary, Western tiger swallowtail, Beefly

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610: Conducted roadways clearance sweep.  
0725: Assessed route to escort bulldozer.  
0750: Escorted bulldozer on site.  
0815: Gave WEAP training to operator Justin Dutton.  
0840: Escorted excavator off site.  
0930: Conducted roadways clearance sweep.  
0936: Call from Emily R.E. Eastern section fence removal spoke with Lauren / Rodney.  
1025: Scoped vegetation on east side of new road grading, observed removal.  
1055: Observed mini dozer grade western and upper eastern slope of new road.  
1230: Noted Nature's Image fixing reptile fencing.  
1500: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Escorting\_bulldozer\_onsite\_082421.jpg**  
-118.16797 34.19784



**Escorted\_out\_excavator\_082421.jpg**  
-118.16711 34.19874



Mini\_bulldozer\_grading\_new\_road\_edges\_082421.jpg  
-118.17682 34.18668



Grading\_southern\_section\_082421.jpg  
-118.17656 34.1865

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: August 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	63 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	91 °F	0-3 MPH	45 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Scraper grading road ramp at south west corner

**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, OCWA, ANHU, CAJA, Red-crowned parrot, CORA, CALT, BEWR, MODO

**Did You Observe any Non-Compliance Issues?**  Yes  No

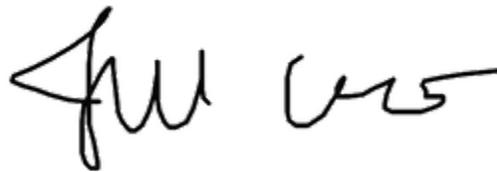
**Log Entry**

Arrived on site at 0710. Monitored grading of road over in south west corner. Escorted excavators off the site. Checked vegetation up near wash area for hand removal.

**Additional Comments**

N/A

**Signature**





Grading\_facingNorthWest.jpg  
-118.1769 34.18639



Grading\_facingSouthEast.jpg  
-118.177 34.1865



**Grading\_lookingNorth.jpg**  
-118.17674 34.1864

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:10	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:06	101 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading, loading dirt into dump trucks from northern end, forklift moving dirt plates from original exit
2. 2 large bulldozers, 1 mini bulldozer, 3 dump trucks, 1 water truck, 1 front loader, 1 scraper, forklift crane
3. Griffiths construction; Johnny Griffiths

**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:**

Amazona sp., COHA, CORA, CASJ, CALT, MODO, YEWA, ACWO, RTHA, CLSW, Western tiger swallowtail, Whip tail, Gulf fritillary butterfly, Cabbage white butterfly, Coyote, Gray squirrel, Side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610: Conducted roadways clearance sweep.

0730: Observed grading in South section.

0935: Conducted roadways clearance sweep.

1100: Observed vegetation along western edge - YEWA singing.

1215: Observed backhoe level channel to the West of roadside.

1245: Conducted roadways clearance sweep.

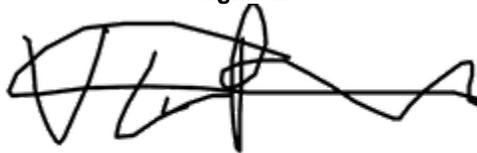
1300: Observed team of 2 with forklift crane removing ESA fencing.

1345: Continued conducting roadways clearance sweep. Observed grading in South section.

**Additional Comments**

N/A

**Signature**





**Backhoe\_leveling\_on\_West\_side\_of\_new\_road\_082621.jpg**  
-118.17678 34.18668



**Bulldozers\_grading\_roadway\_082621.jpg**  
-118.17558 34.18761



Mini\_dozer\_and\_front\_loader\_clearing\_debris\_into\_container\_082621.jpg  
-118.17557 34.1877



Front\_loader\_loadng\_dirt\_into\_dumptruck\_082621.jpg  
-118.17158 34.19318

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: August 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:11	65 °F	0-3 MPH	0 %
<b>End of Day</b>	15:06	100 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading, removing ESA fence sections, loading dirt mixed with CMB into dump trucks and moving it to new road / off site.
2. 2 large bulldozers, 1 roller, 1 front loader, 1 box grader, 1 scraper (blade), 2 dump trucks, 1 water truck, crane forklift, 1 grader (arrived on site around 1320)
3. Griffiths - Johnny

**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:**

CANG, CORA, LEGO, NOMO, BEWR, CASJ, SOSP, YEWA, ACWO, Amazona sp., Cottontail, Cabbage white butterfly, Gulf fritillary butterfly, Western tiger swallowtail, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0610: Conducted roadways clearance survey.

0740: Observed lubricant (pink jelly) globules near shipping container on West edge - alerted Johnny - immediately cleaned up.

0745: Observed construction activities.

0850: Monitored 3 man crew with crane forklift remove ESA fencing along West edge between dam face and new road.

0930: Conducted roadways clearance survey.

1000: Observed skip loader (with box grader attachment) operated by Josh begin filling in drainage area in front of Alta dena drain (where the pump was).

1045: Observed vegetation in West - heard YEWA singing and calling.

1200: Conducted roadways clearance survey.

1240: Walked route to bring in grader.

1255: Escorted grader on site (same operator from earlier in the week).

1320: Observed front loader fill basin in front of Alta dena drainage (where pump was). Western toad (juvenile) crushed by machine. Relocated 2 western toads, a wolf spider and 6 sideblotched lizards (juveniles).

**Additional Comments**

N/A

**Signature**





**Bulldozers\_grading\_in\_SouthWest\_section\_082721.jpg**  
-118.17497 34.18738



**Boxgrader\_grading\_in\_South\_082721.jpg**  
-118.17583 34.18862



Overview\_standing\_in\_SouthWest\_corner\_082721.jpg



Removed\_ESA\_fencing\_on\_West\_side\_of\_dam\_082721.jpg  
-118.17557 34.18615

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: August 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	68 °F	0-3 MPH	50 %
<b>End of Day</b>	15:00	86 °F	4-6 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Grading.
2. One blade, two bulldozers, one front loader, one scraper, one skip loader, one water truck.
3. 7 personnel (Griffith; Joe).

**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, RLPA, MODO, CORA, AWPE, ACWO, SOSP, HOFI, EUST

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Arrive on site, attended tailboard.

0705: Monitored grading activities just east of the exit ramp.

0745: Monitored the removal of piping and pumps adjacent to the Altadena Drainage.

1420: Monitored finish grading just west of the staging area.

**Additional Comments**

N/A

**Signature**





08-30-2021\_grading\_facingSouthWest.jpg



08-30-2021\_finish\_grading\_facingSouth.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: August 31, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:05	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	73 °F	0-3 MPH	95 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Grading taking place

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CAJA, BEWR, CALT, WREN, ATFL, ANHU, CORA, CAQU, Red-crowned parrot

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0750: Arrived on site.

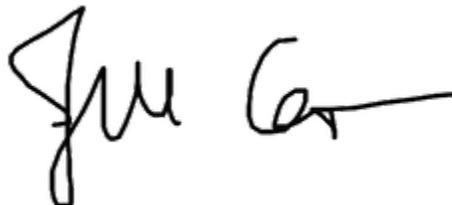
Only grading taking place

1500: Left site.

**Additional Comments**

Started sprinkling @ 2:30pm First photo facing SouthEast (would not let me change title)

**Signature**





photo\_1\_grading\_facingSouthEast.jpg  
-118.17384 34.18758



**Grading\_facingSouthWest.jpg**  
-118.17486 34.18763

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: September 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	66 °F	0-3 MPH	100 %
<b>End of Day</b>	15:05	72 °F	0-3 MPH	95 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Monitor mining pit vegetation removal/contouring

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CATH, CASJ, CORA, ANHU, CALT, BUSH, BGGN, Red-crowned parrot, BEWR, Whiptail, Alligator lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0700: Arrived on site.

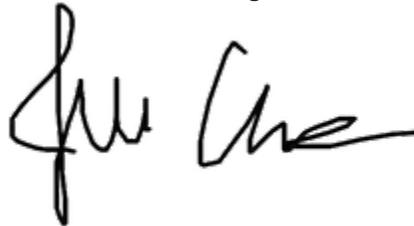
0710-1500: Monitored mining pit area, vegetation removal and contouring/flattening area, relocating whiptails/alligator lizard.

1505: Left site.

**Additional Comments**

N/A

**Signature**





Grading\_facingWest.jpg  
-118.17347 34.18847



Scrapping\_while\_being\_watered\_facingEast.jpg  
-118.17256 34.1932



Scrapping\_while\_being\_watered\_North.jpg  
-118.17239 34.19332



Scrapping\_while\_being\_watered\_facingWest.jpg  
-118.17224 34.19344

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: September 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:55	68 °F	0-3 MPH	100 %
<b>End of Day</b>	14:45	90 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

8 Griffith at tailboard & 2 mechanics. Grader working channel midway bottom of basin. 1 dozer, 1 forklift, 1 water truck helping with demobilization activities. Natures Image crew weeding DG-3A 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:**

Parrots, CORA, ACWO, MODO, RSHA, RCKI, LEGO, BUSH, HOFI, CALT, CASJ, KILL, SOSP, ANHU, AMCR, RTHA, SPTO, ATFL, BEWR, BGGN, Uta stansburiana

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0705-0730: Completed installment of silt fence secured with sandbags around former tire wash area.

0740: Flatbed arrived, loaded small dozer for removal from site.

0800: 2 laborers pulling ESA orange fence and rebar from North East corner and working east. Loading on to forklift and in backhoe bucket for disposal.

0820-0840: Walked D9 to north staging area for pick up. John and Rodney opened gates. Avoided 1 oak and 1 sycamore on trek out.

1000-11:30: 18-20 LACPW job walk through entire basin

1440: Final load of fencing and rebar. Some still in weedy slope that will be picked up tomorrow. More than 3/4 completely removed.

**Additional Comments**

N/A

**Signature**





**Silt\_fence\_tire\_wash\_facingWest.jpg**  
-118.17786 34.18652



**Spread\_stockpiles\_mining\_pit\_facingSouth.jpg**  
-118.17241 34.19353



ESA\_fence\_removal\_facingNorth.jpg  
-118.17384 34.1907

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: September 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:55	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

8 Griffith at tailboard. 1 scraper, 1 water truck, 1 skip loader, 1 fork lift, 1 dozer between 3 operators.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

LEGO, CALT, BUSH, Parrots, HOFI, NUWO, ACWO, CASJ, WREN, California ground squirrel, Coastal whiptail, CORA, CAQU, AMKE

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0700: Walked removed ESA fenceline with 3 laborers gathering all zipties, broken orange fencing, ESA stakes, as well as public non-construction trash.

0950: 3 Griffith continued walking bottom of basin from dam to north end picking up trash.

1010: Walked ahead of dozer to north exit for transport offsite. John and Roland present. Noted some drips under staged scraper...John placed drip pan under.

1045: Returned to trash pickup crew and remainder of ESA fence removal.

12:45-1:30: Grader grading bottom of slope mid basin with water truck. Keith and Enrique cleaned up ingress road and removed stakes around Alta Dena drainage. Spoke with Natures Image about silt fence on either side of road that is down in 3 place to try and determine who should maintain fence if it is to remain in place.

1:30-2:15: Keith and Enrique cleaned up egress road.

2:30: Keith and Doug removed Authorized Personnel sign at entry,

2:45: Water truck and Keith washing down concrete at exit below tire wash due to high Tetra Tech readings.

3:00: Bio monitor departed from site.

**Additional Comments**

**Signature**





**Equipment\_Removal\_facingNorthEast.jpg**  
-118.16721 34.19852

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: September 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	68 °F	0-3 MPH	0 %
<b>End of Day</b>	14:41	89 °F	0-3 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Grading 1 Backhoe, 1 bulldozer, 1 water truck, hand tools Griffith Company - Joe (foreman) + crew of 8

**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, HOFI, LEGO, Parrot, CASJ, RTHA, BUSH, MODO, COHA, BLPH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0720: Monitored grading to widen channel at perimeter of basin and rock removal.

1415: Monitored grading along slope at SW corner of basin.

**Additional Comments**

N/A

Signature





**photo\_1-20210907-grading\_facing NorthEast.jpg**



**photo\_2-20210907\_channel\_before\_grading\_facing\_South.jpg**  
-118.17319 34.18891



photo\_3-20210907\_grading\_top\_of\_slope\_facing\_SouthWest.jpg  
-118.17625 34.18741

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: September 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	68 °F	0-3 MPH	0 %
<b>End of Day</b>	14:47	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Trailer and equipment removal, grading 1 crane, 1 forklift, 1 water truck, 1 bulldozer, 2 flat bed trucks Griffith Company - John, Doug, and Tony; Hill Crane

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, AMCR, parrot, ACWO, BUSH ,HOFI, LEGO, CASJ, NOMO, PHAI, COHA, TUVU, KILL, SPTO, MODO

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0715: Monitored removal of scales and trailer.  
0745: Monitored grading along western access road and slope.  
1235: Monitored dismantling of sound wall.

**Additional Comments**

N/A

**Signature**





photo\_1-20210908\_loading\_trailer\_and\_scales\_facingNorth.jpg  
-118.17632 34.1879



photo\_2-20210908\_grading\_at\_base\_of\_western\_slope\_facingWest.jpg  
-118.17635 34.18751



photo\_3-20210908\_dismantling\_sound\_wall\_facingEast.jpg  
-118.17316 34.18512

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: September 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:05	70 °F	0-3 MPH	35 %
<b>End of Day</b>	15:00	91 °F	0-3 MPH	15 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Removing sound wall and replacing drainage basin near tire wash 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:**

SPTO, CALT, ACWO, BUSH, CORA, SOSP, WBNU, BEWR, CAQU, CASJ, KILL

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Remove sound wall, replace drainage ditch.

**Additional Comments**

N/A

Signature





Sound\_wall\_work\_facingWest.jpg  
-118.17312 34.18507



Replacing\_drainage\_basin\_facingWest.jpg  
-118.17838 34.18665

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: September 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	72 °F	0-3 MPH	75 %
<b>End of Day</b>	14:50	94 °F	0-3 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Haul away sound fence and k-rails

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, MODO, CALT, ACWO, RCPA, SOSP, BEWR

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Haul away sound fence/k-rails

**Additional Comments**

N/A

Signature





Removing\_k-rails\_facingEast.jpg  
-118.17293 34.18506



Hauling\_away\_k-rails\_facingEast.jpg  
-118.17324 34.18512

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill coumoutso**  
**Date of Log: September 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:05	60 °F	0-3 MPH	0 %
<b>End of Day</b>	15:05	91 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Asphalt repair, haul cement piles, other sound wall debris

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

WBNU, ANHU, CALT, CASJ, BLPH, MODO, LEGO, CORA

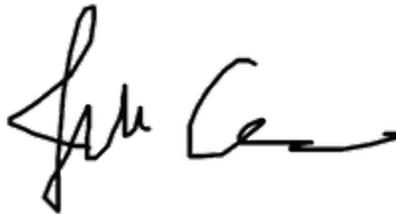
Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Repair made to street where drainage was replaced, taring asphalt. Haul away concrete piles.

**Additional Comments**

Signature





Taring\_near\_drainage\_facingWest.jpg  
-118.17839 34.18675

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Taylor Dee**  
**Date of Log: September 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	55 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Griffith conduct site clean up and demobilization activities with a crew of 3 and 1 haul truck driver. Crew used one telescope forklift and one skip loader for the following: to move and load materials for removal off site or disposal, clean drainage grates near trailers, and spread base around 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:**

BUSH, AMCR, ALHU, CALT, HOFI, CASJ, Parrot sp., SPTO, BEWR, RTHA, SOSP, CATH, LEGO, ANHU, AMKE, WTSW, WREN, CAQU, MODO, ACWO, NOMO, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0650 Arrived. Met for tailboard near trailers with Griffith crew: Johnny, Anthony (Tony); truck driver; LADPW personnel: Rodney, Daniel, and Ramsay. No wifi in LADPW trailer, trailers will be moved out on Thursday. Plan for today is to move materials and equipment from staging area, lay base near trailers, and move out furnifrom trailer. No work planned I reservoir and they would only be using equipment to load materials into haul truck at the staging area.  
0720-1415: Monitored Griffith crew conduct site clean up activities:  
0720: Griffith crew began work and used 1 skip loader and 1 telescope forklift to remove materials (i.e. t-posts, trash, cones, gravel bags, etc...) from the staging area and near the trailers and load into a haul truck and dumpster bin.  
1018: Crew finished cleaning up staging area; all trash was removed. Another company was coming to pick up remaining chainlink. AT&T and Spectrum working on powerline poles west of trailers.  
1024: Crew lifted drainage grates around trailers to clean, remove old silt fabric, and replace the gravel bags.  
1324: Haul truck returned with base and crew used skip loader to spread base immediately south of Griffith trailer.  
1356: Crew done for the day and are putting away equipment for the day. Discussed plan for tomorrow with Joe. They planned to load office furniture from trailers on to staked truck.  
1415: Left site. No impacts to biological resources observed.

**Additional Comments**

N/A

**Signature**





Griffith\_loading\_materials\_out\_of\_staging\_area\_facingSouth.jpg



Griffith\_loading\_Tpost\_into\_haul\_trucks\_facingNorthEast.jpg



Griffith\_cleaning\_drainage\_grates\_facingSouth.jpg



Griffith\_spreading\_base\_around\_trailers\_facingWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:17	56 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	85 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Clearing out trailer
2. Loading truck
3. Griffith's construction; Joe, Johnny, Tony

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, CORA, HOFI, MODO, CALT, CASJ, SOSP, CAQU, CATH, Whiptail, Amazona species, Side- blotched lizard, Western fence lizard, California ground squirrel, Cabbage white butterfly

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0620: Site clearance sweep.  
0700: Work began.  
0930: Roadway's clearance sweep.  
1000: LACPW truck with 5 personal vehicles approx 12 people by the arroyo deco drainage area. Crew working in SW (restoration?).  
1230: Roadway's clearance sweep.  
1315: Observed 2 man crew remove furniture from trailer.  
1345: Checked over forklift in staging area relocated whiptail basking on tire. Forklift moved to trailer area for collection.  
1400: Trailer arrives to collect forklift.  
1410: Observed 2 man Griffiths crew clearing trailer.  
1445: Observed power plus! Crew maintaining comms at South West end of site (appear to be replacing wire).  
1500: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Site\_overview\_looking\_NorthWest\_091521.jpg**  
-118.17372965 34.18600160555555



**staging\_area.jpg**  
-118.17235708333334 34.18803457222222



**Loading\_the\_moving\_truck\_091521.jpg**  
-118.17343583333334 34.185181875



**Filling\_truck\_bed\_from\_trailer\_091521.jpg**  
-118.17335511111112 34.18545424444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:20	55 °F	0-3 MPH	100 %
<b>End of Day</b>	14:25	81 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Digging post holes, erecting sign,
2. Gas powered earth auger, pole digger, bar, box cutter (used for the bucket)
3. Griffiths - Johnny and Tony

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, CORA, MODO, CASJ, SOSP, ALHU, CALT, CATH, COYE, Amazona sp., Side-blotched lizard, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0620: Roadways and site clearance sweep.

0900: Roadway's clearance sweep.

1040: Observed Griffiths crew dig holes for roadside sign.

1200: Roadway's clearance sweep.

1250: Truck hauled away portable toilet from staging area.

1315: Griffiths crew erected sign.

1425: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Site\_overview\_facing\_South\_091621.jpg**  
-118.17427465833333 34.187690905555556



**Site\_overview\_facing\_North\_091621.jpg**  
-118.17428041666668 34.187742316666665



**Hanging\_the\_sign\_091621.jpg**  
-118.17357044444445 34.185087536111105



**Using\_gas\_powered\_earth\_auger\_to\_dig\_hole\_for\_roadside\_sign\_091621.jpg**  
-118.17350883333334 34.185101113888884

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	58 °F	0-3 MPH	100 %
<b>End of Day</b>	13:30	81 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Moving dirt to create exit ramp for trailers, moving equipment out of storage container, relocating storage container
2. Skiploader, forklift crane
3. Johnny and Tony

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, CORA, CATH, CALT, MODO, CASJ, SOSJ, LEGO, Amazona sp., California ground squirrel, Cottontail, Western tree squirrel, Western fence lizard, Side-blotched lizards

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0615: Conducted clearance sweep.

0700: Work began. Moved road sweeper from lower staging section to upper car park area. Began emptying container in fenced trailer area.

0915: Roadway's clearance sweep.

1035: Observed forklift move container from fenced trailer area to car parking area. Rodent nest (not currently in use) constructed from trash in area beneath container.

1100: Removed section of perimeter fence to remove and clean drain covers within fenced trailer section.

1140: Used skip loader to bring up dirt to create exit ramp for trailer removal.

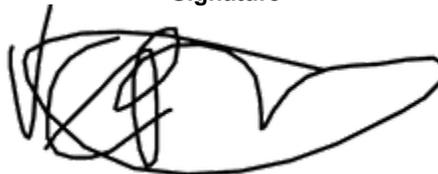
1310: Tidied area where dirt was moved to top section (where the water tower was previously located).

1330: End of construction monitoring.

**Additional Comments**

N/A

**Signature**





Skip\_loader\_moving\_and\_scraping\_dirt\_ramp\_091721.jpg  
-118.17358746111111 34.18520454722222



Removed\_and\_cleaned\_drain\_covers\_091721.jpg  
-118.17345125 34.18520651666666



Removing\_container\_from\_trailer\_area\_to\_parking\_area\_for\_pickup\_091721.jpg  
-118.17342515833334 34.1854326722222



Removing\_fence\_from\_around\_trailer\_area\_091721.jpg  
-118.17350850000001 34.1851970027778

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	63 °F	0-3 MPH	100 %
<b>End of Day</b>	16:58	73 °F	4-6 MPH	60 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Preparing to remove trailers
2. Forklift, skid steer, hand tools
3. Griffiths 2 man crew - Keith, James. Profab crew (2)

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, Amazona sp., MODO, EUST, CORA, CASJ, Western fence lizard, BARS,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: Conducted site clearance sweep.

0705: Griffiths crew removed a section of perimeter fence.

0730: Forklift arrives. Griffiths crew (Keith & James) remove staircases, piping and plumbing from trailer 1 (green).

0815: Profab inflates tires on trailer 1.

0830: Griffiths crew detach plumbing from trailer 2. Profab make ramp, remove supports on trailer 1.

1110: Begin moving trailer 1.

1200: Griffiths remove further section of fence.

1220: Parked trailer #1 on bridge.

1230: James operating the skiploader brings loads of dirt to exit ramp. Profab remove metal supports from ground.

1350: Profab begins removing metal supports from trailer 2, and inflate tires. Griffiths remove staircase.

1505: Begin moving trailer 2.

1615: Parked trailer 2 in front of trailer 1 on bridge. Griffiths crew began putting perimeter fence back up.

1620: Profab began loading equipment.

1650: End of monitoring.

**Additional Comments**

N/A

**Signature**





Griffiths\_crew\_removing\_pipes\_housing\_wiring\_092821.jpg  
-118.17354630555556 34.185330025



Griffiths\_crew\_removing\_piping\_092821.jpg  
-118.17342544444445 34.18544996944444



Profab\_stacking\_wood\_beneath\_trailer\_092821.jpg  
-118.1735430388889 34.1853426805555



Profab\_removing\_trailer\_from\_compound\_092821.jpg  
-118.1733667666667 34.1853292277777

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	57 °F	0-3 MPH	40 %
<b>End of Day</b>	14:19	77 °F	0-3 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Picking up trailers, cleaning up trailer lot site
2. 2 bobtails (semis), forklift, hand tools,
3. Profab; 2 semi operators plus 2 crew. Griffiths; 2 crew Keith & Bryan. Ace fencing: 2 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, MODO, ACWO, EUST, CASJ, HOFI, ANHU, Amazona sp., Side blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0630: Arrived on site, gate locked.  
0645: Conducted site sweep.  
0650: Profab swept site in compound and loaded equipment.  
0725: Semi truck arrived, hooked up to trailer 2 (blue).  
0740: 2nd semi truck arrived. First semi connected and hooking up brake lights.  
0845: 2nd semi hooked up to trailer 1.  
0935: Keith returns with truck to collect materials.  
0945: Forklift (Bryan) moved septic tank to parking lot.  
0950: Bryan and Keith loaded truck with equipment and trash.  
1005: Bryan left Keith continued.  
1015: Ace fencing arrived - 2 man crew.  
1045: Keith left with first load.  
1100: Ace fencing began working on upper section by road excavating holes for posts.  
1220: Placed fence posts poured concrete.  
1250: Keith returns for 2nd load.  
1330: Forklift (Keith) unloaded pallet of concrete.  
1345: Forklift (Keith) loaded fencing equipment from lower staging area.  
1415: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Loading\_septic\_tank\_onto\_forklift\_092921.jpg**  
-118.17333533333334 34.18518082777778



**Hooking\_up\_trailer\_2\_(blue)\_onto\_the\_bobtail\_092921.jpg**  
-118.17364525 34.18523334444444



Pouring\_concrete\_for\_fence\_posts\_by\_main\_road\_092921\_Ace fencing.jpg



Loaded\_fencing\_equipment\_from\_lower\_staging\_area\_092921.jpg  
-118.17250594444445 34.18815305

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: September 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:20	54 °F	0-3 MPH	100 %
<b>End of Day</b>	14:36	88 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

1. Griffiths; Removing CMB contaminated dirt from inside compound off site and grading the slope. Ace; excavating fence holes, pouring concrete, installing fence
2. Skid steer, dump truck,
3. Griffiths; Johnny, Tony, Joe. Ace; Marco, Francisco & Johnny

**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, EUST, MODO, CORA, CASJ, ANHU, TUVU, Amazona sp., side-blotched lizard,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0620: Site clearance sweep.

0705: Dump truck arrived.

0710: Griffiths began removing section of perimeter fence.

0715: Ace fencing began excavating post holes.

0720: Skid steer (operated by Johnny) began removing CMB mixed dirt from compound into dump truck.

0815: Dump truck left with first load. Dirt moved to side road by East exit.

0840: Loaded forklift onto flatbed.

0905: Ace crew began pouring concrete into post holes.

1100: Griffiths swept compound area.

1230: Ace fencing began attaching bars between fence posts followed by anchoring wires.

1340: Closed up old fencing around compound.

1350: Put up bars between posts and wire supports on fencing section by eastern entrance.

1430: End of monitoring.

**Additional Comments**

N/A

**Signature**





**Backhoe\_moving\_dirt.jpg**  
-118.173422675 34.18522948333333



Pouring\_concrete\_into\_fence\_post\_holes\_093021.jpg  
-118.17342625 34.18525433888889



**Moving\_dirt\_from\_ramp\_to\_road\_by\_East\_exit\_093021.jpg**  
-118.17355486111111 34.18535194444444



**Ace\_fencing\_attaching\_cross\_bars\_between\_fence\_posts\_093021.jpg**  
-118.17344237222223 34.18524683333333

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**APPENDIX D**

Habitat Restoration Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	100 %
<b>End of Day</b>	14:20	91 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 18 hand pulling perennial pepperweed and poison hemlock in DG-W-2 (mining pit and mining pit outlet), and in the open areas of DG-4 adjacent to the mining pit outlet channel.

**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, CALT, ANHU, ALHU, HOFI, LEGO, WREN, CASJ, CATH, CAQU, ACWO, desert cottontail, MODO, NRWS, BARS, WTSW, COHA, western fence lizard, western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: monitored vegetation clearing in DG-W-2 mining pit outlet. Crew was progressing south pulling poison hemlock and perennial pepperweed.

0800: surveyed the planted area east of the channel in DG-4 and also DG-5.

1030: crew began finishing up the channel. Found some small patches of pepperweed and poison hemlock for them to pull near the top of the channel and a section of the mining pit which had been missed. Monitored vegetation clearing.

1130: met with Mark Gim and gave him a walkthrough of the site.

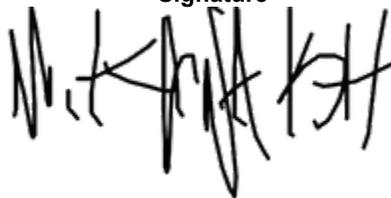
1200: resumed monitoring in the aforementioned areas.

1415: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_clearing\_DG-W-2\_outlet\_facingS.jpg  
-118.17482 34.19185



photo\_2-after\_vegetation\_clearing\_DG-W-2\_outlet\_facingS.jpg  
-118.17477 34.19191



photo\_3-progress\_on\_fencing\_facingS.jpg  
-118.17463 34.19351

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	0 %
<b>End of Day</b>	14:08	90 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 13 hand pulling Italian thistle, mustard, and assorted exotic herbs in DG-5; 4 of whom went on to work on fencing mid morning near DG-4C.

**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:**

COYE, CASJ, CALT, LEGO, BUSH, NUWO, ALHU, MODO, SPTO, ACWO, HOFI, RCPA, YEWA, NRWS, San Diego gopher snake, ANHU, western fence lizard, BEWR, ATFL, CATH, BGGN, CAQU, SOSP, coastal whiptail, side-blotched lizard, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-5.

0710: monitored vegetation clearing in DG-5.

0800: relocated a western fence lizard from DG-5 to DG-4; it was too sluggish to relocate itself and was at a trampling risk.

0845: 4 crew members separated from the weeding crew to work on fencing near DG-4C. Surveyed their work area and then moved down the channels to survey a pocket of DG-4 we plan to complete soon. YEWA heard in an area which has already been put into collector.

0915: found a potential nest (CASJ-13) in DG-4. Likely under construction- a bird was not seen constructing it, but the vegetation used was still bright green, implying that it was recently added. Numerous CASJ in area; species of nest constructor is an inference.

1320: moved crew east to upland planted area of DG-4 near the sheetflow area. Monitored vegetation clearing.

1400: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-Before\_pulling\_DG-5\_facingNW.jpg**  
-118.17691 34.19092



**photo\_2-after\_pulling\_DG-5\_facingNW.jpg**  
-118.17678 34.19085



photo\_3-excavator\_use\_facingNE.jpg  
-118.17451 34.19363



photo\_4-daily\_fencing\_progress\_facingS.jpg  
-118.1744 34.19369

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: July 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	65 °F	0-3 MPH	20 %
<b>End of Day</b>	09:00	71 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 installing silt fencing along east road to prevent herps, in particular two striped garter snakes, from crossing the road near Altadena Drain

**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, KILL, CALT

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 met with crew to delineate boundaries of silt fencing along either side of road dividing DG-3A at Altadena Drain.  
0745 crew using onsite material, piled from grading the road, to fill sandbags.  
0750-0800 observed trimming mule fat along edge of road to make room for fence. Low bird activity in area despite water source. No herps observed in work area.  
0900 No nests in area and crew working primarily in road, so monitor felt comfortable leaving crew to finish working without a monitor.

**Additional Comments**

N/A

**Signature**





**Fence install\_east road\_facingS.jpg**  
-118.17327 34.18693



**Filling sandbags.jpg**  
-118.17355 34.18654



**Securing fence with sandbags.jpg**  
-118.17338 34.18655



**Trimming vegetation for fence.jpg**  
-118.17306 34.18747

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	59 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	86 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling poison hemlock, mustard, and perennial pepperweed in DG-4, with 4 of the crew working on fencing near DG-4C.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, MODO, BGGN, BUSH, CASJ, CATH, NUWO, ACWO, BEWR, SPTO, ALHU, CORA, LEGO, HOFI, CAQU, COHA, RTHA, CAKI, desert cottontail, coastal whiptail, western fence lizard, western toad, side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-4 in 2 areas: the upland planted area south of DG-4 sheetflow, and the 2 planted areas at the north end of the twin boulder field.

0705: cleared crew to work. Monitored vegetation clearing in the aforementioned areas beginning near the sheetflow area. Area overgrown with mustard and poison hemlock.

0845: one crew member began fixing irrigation leaks near DG-5.

0900: surveyed the area near DG-4C and 4 crew members began working on fencing.

1300: crew finished up with the area south of DG-4 sheetflow, shifted efforts to north end of boulder field (DG-4).

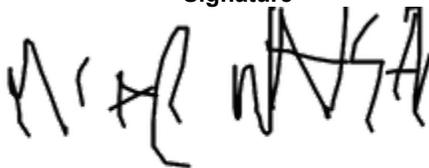
Monitored vegetation clearing.

1415: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4\_facingN.jpg**  
-118.17616 34.19092



**photo\_2-after\_weeding\_DG-4\_facingN.jpg**  
-118.17612 34.19097



photo\_3-crew\_measuring\_fencing\_facingN.jpg  
-118.17415 34.19401



photo\_4-excavator\_use\_facingSW.jpg  
-118.17422 34.19401

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: July 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	90 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of about 13, Daniel Holmes foreman, pulling weeds in southwest project area. (Regular crew plus temp crew plus Lake Forest crew.) Daniel is still working on fence with 2-3 other personnel, so Andre is leading the weeding 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:**

COYE, CASJ, HOFI, ACWO, RCPA, CASJ, MODO, western fence lizard, NUWO, HOWR, LEGO, CALT, BUSH, coastal whiptail, BGGN, BHGR, BEWR, YEWA @ 34.191191°N 118.176121°W (slightly more north than they usually are), ANHU, SOSP, California ground squirrel, side-blotched lizard

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 main crew moves to 'boulder' area at south end of old access road/trail, DG-4 planted area. Near black willow canopy edge and scattered mule fat, weeds are mostly pepperweed, poison hemlock in full seed (needless to say, this area should have been hit earlier, but that's the case for most of this southwest section). Things are getting dried out, not much understory nesting habitat available. Cleared buffers around several older inactive nests.

0900 workers found a cold CAQU egg in a spot that I had surveyed in detail, no CAQU in area, no nest found. A second similar egg was found yesterday about 50 feet away which I found as well. The eggs appear to have been lost/failed before we arrived at this site.

0915 I cleared a section of the pepperweed-infested ravine bottom where several workers began pulling, but Andre confirmed that they are to stay in the 'upland' area where the irrigation is, for now.

1000-1040 I surveyed the north end of the ravine (34.191064°N 118.175896°W vicinity) around ACWO-06, where there is a lot of back and forth bird activity (SPTO CALT HOFI ACWO MODO BGGN BHGR etc.) but no solid leads on any nesting. Bird activity in afternoon very light, no nearby nesting suspected.

**Additional Comments**

N/A

**Signature**





**photo\_1-hand-pulling\_DG-4\_facingSE.jpg**  
-118.17578 34.1908



**photo\_2-after\_hand-pulling\_DG-4\_facingSE.jpg**  
-118.17582 34.19085



photo\_3-after\_hand-pulling\_DG-4\_facingNW.jpg  
-118.17545 34.19079

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	72 °F	0-3 MPH	50 %
End of Day	15:30	90 °F	7-9 MPH	80 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 22 hand pulling perennial pepperweed, poison hemlock, mustard, and passionflower in DG-4 south of the main parking lot, also near the area south of the primrose field. 4 of the aforementioned crew members worked on fencing near the north parking lot on the west side most of the day.

**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, BEWR, SPTO, ANHU, WREN, YEWA, LEGO, CASJ, COHA, HOFI, SOSPO, MODO, BGGN, ACWO, CAQU, western fence lizard, ROPI, California ground squirrel, desert cottontail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey. Started with DG-4 at south end of the parking lot, cleared crew to work. Moved to southern areas of west side, performed a nesting bird survey in case the crew finished work in their current location. Heard yellow warbler in an area already recorded in collector. Found Cooper's hawk nest (COHA\_1). Adults were feeding juveniles, who were hopping around near the nest but were not observed flying. Juveniles seemed agitated at my presence upon noticing me from 50 feet away. Crew was advised to avoid and a 150 foot buffer was implemented.

0815: monitored vegetation clearing in DG-4.

0905: 6 crew members were moved to the planted areas near the trail, just south of the primrose field. Area was overgrown by passionflower. Monitored vegetation clearing.

1300: resurveyed CASJ\_13. It had not changed at all since discovery, at which point it was incomplete. Marked as inactive on collector.

1415: crew began wrapping up pulling while I inspected the site and took the bi-weekly photos of the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_pulling\_DG-4\_near\_paking\_lot\_facingS.jpg  
-118.17561 34.19193



photo\_2-after\_pulling\_DG-4\_near\_paking\_lot\_facingS.jpg  
-118.17556 34.19194



photo\_3-excavator\_digging\_facingE.jpg  
-118.17295 34.19377



photo\_4-fence\_progress\_facingS.jpg  
-118.17279 34.19406

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	66 °F	0-3 MPH	0 %
End of Day	14:17	93 °F	7-9 MPH	30 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 24 hand pulling mustard and perennial pepperweed in DG-4 just east of the mining pit outlet channel, 4 of whom worked on fencing near the north parking lot on the west side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, BUSH, SPTO, RCPA, HOFI, ANHU, ACWO, CAKI, western fence lizard, CORA, BGGN, CALT, ALHU, CAQU, LEGO, COYE, coastal whiptail, side-blotched lizard, desert cottontail, California ground squirrel, RTHA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-4, in the central planted area, east of the staging area and the channel.

0655: cleared crew to work. Monitored vegetation clearing.

0700: fencing crew began working near the northwest parking lot. The area was full of large underground rocks, which made progress slightly slower than usual.

0900: resurveyed BUSH\_7, nest was inactive.

1130: crew moved into open area near BUSH\_7, had a talk with the crew about keeping the ground intact and not raking it down to the dirt, which was covered in downed logs in this area. Advised crew to avoid a Yellowjacket nest.

1400: crew began wrapping up pulling while I inspected the site and planned for Monday morning with foreman Daniel Holmes.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_removal\_DG-4\_facingE.jpg  
-118.17458 34.19167



photo\_2-after\_vegetation\_removal\_DG-4\_facingE.jpg  
-118.17455 34.19169



photo\_3-excavator\_and\_rocky\_terrain\_facingS.jpg  
-118.17278 34.1941



photo\_4-daily\_fence\_progress\_facingSE.jpg  
-118.17262 34.19455

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	88 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 8 hand pulling perennial pepperweed and poison hemlock in DG-2, DG-2 new channels, crew of 3 installing fencing near the NW Parking lot.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, LEGO, ACWO, CAQU, RCPA, SPTO, NUWO, CASJ, WREN, HOFI, BUSH, MODO, desert cottontail, BEWR, ANHU, ALHU, WTSW, California ground squirrel.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: crew met up on the west side in the main parking lot before driving to the east side via the downhill haul truck trail. I have a tailgate meeting regarding safety and right of way with trucks, also reiterated to carefully watch for herps and other wildlife while driving on the trails. Escorted the crew down the hill, leading to watch for wildlife. Upon parking, I performed a nesting bird survey in the planned work area.

0715: monitored vegetation clearing in the east side channels, starting in the northeast corner. Area was regrown with hemlock and pepperweed, none of which I could find had dropped seed yet. Area had sparse *Nicotiana glauca*, showed newer crew members how to properly remove it to prevent regrowing.

1400: met with foreman Daniel Holmes to discuss fencing. Progress was severely slowed by the large subsurface boulders present in the area.

1500: went back to the east side to photograph the site and inspect it while the crew began wrapping up.

1515: Escorted crew out the South gate.

**Additional Comments**

N/A

Signature





photo\_1-before\_veg\_removal\_DG-2\_facingN.jpg  
-118.1716 34.19039



photo\_2-after\_veg\_removal\_DG-2\_facingN.jpg  
-118.17155 34.19048



photo\_3-before\_veg\_removal\_DG-2\_facingE.jpg  
-118.17169 34.19059



photo\_4-after\_veg\_removal\_DG-2\_facingE.jpg  
-118.17186 34.19088

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	70 %
<b>End of Day</b>	14:30	84 °F	7-9 MPH	50 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 8 hand pulling perennial pepperweed and poison hemlock in DG-2, DG-2 new channels. Crew of 4 installing fencing near the NW parking lot.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

COHA, HOFI, CASJ, RCPA, MODO, LEGO, CALT, desert cottontail, ALHU, NUWO, CAQU, western toad, CATH, BHCO, NOMO, OATI, BASW, CORA, RTHA, SPTO, BAOW, WREN, California ground squirrel, western fence lizard, ROPI, BUOR, RTHA.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-2.

0700: monitored vegetation clearing near northeast side of the channels in DG-2 progressing south. Channel was overgrown with perennial pepperweed and some poison hemlock, none of which had gone to seed.

0845: went to west side to briefly check on fencing crew. Surveyed remaining area for nests.

0920: resumed monitoring vegetation clearing.

1255: checked on BEWR\_2. No activity, nest likely fledged. Removed buffer.

1420: crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

**Signature**





**photo\_1-before\_weed\_pulling\_DG-2\_facingE.jpg**  
-118.17179 34.19066



**photo\_2-after\_weed\_pulling\_DG-2\_facingE.jpg**  
-118.17174 34.19066



photo\_3-before\_weed\_pulling\_DG-2\_facingS.jpg  
-118.17159 34.19043

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: July 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	20 %
<b>End of Day</b>	15:00	89 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 incl Didier Ramos, foreman. Hand-pulling on east side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

SPTO, CALT, WESJ, CAQU, LEGO, HOFI, RCPA, WREN, BLPH, BEWR, western toad, OATI, ACWO, 5-ft gopher snake seen along the road, discovered by Daniel Holmes while driving to get fence supplies and I was nearby, Ca gr squirrel, AMCR, PHAI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 workers are starting just south of Johnson Field in planted areas in DG-2 New Channels and DG-2 under willows. Weeds include Chenopodium album, Conium maculatum, Dysphania botrys, Dysphania ambrosioides, tocalote, Hirschfeldia, Amaranthus, Anthemis, Plantago arenaria, Euphorbia peplus, Raphanus sativus, tree of heaven, Marrubium, pepperweed, etc.

0930 everyone is under willow canopy in DG-2.

1130 after lunch contiuing in same general DG-2 'upland' area, moving south. Bird activity fairly light in the heat of the day with no signs of active nesting. Workers are getting the western edge against the fence (mustards, hemlock etc).

1400 half the group returns to channel to continue southward weeding. Some brief calls by CALT near WESJ that I thought were alarm calls, but no indication of any nest and the CALT continued intermittently calling while simply foraging nearby. I remind crew to get weeds inside plant cages.

1500 Crew done

**Additional Comments**

N/A

**Signature**





photo\_1-hand-pulling\_DG-2\_facingE.jpg  
-118.17232 34.1911



photo\_2\_hand-pulling\_DG-2\_facingNW.jpg  
-118.17189 34.19088



photo\_3-hand-pulling\_DG-2\_New\_Channel\_facingSW.jpg  
-118.17195 34.19094

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:20	90 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 9 hand pulling perennial pepperweed and poison hemlock in DG-2, DG-2 new channels. Crew of 4 working on fencing near the NW parking lot. Crew of 6 spent the day looking for irrigation leaks.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, WREN, CALT, ANHU, SPTO, RCPA, LEGO, ALHU, CORA, NUWO, CATH, SOSP, OATI, BEWR, RTHA, coastal whiptail, California ground squirrel, ACWO.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: had a tailgate meeting with the crew about the days plan and target species. The natures image crew of 6 from Hemet broke off immediately to sweep the whole site for irrigation issues, leaving the regular crew of 9.

0655: monitored vegetation clearing on the northern side of the channels. primary focus was perennial pepperweed and poison hemlock, with scattered Ricinus communis and Dysphania ambrosioides. Minimal bird activity in work area, foraging CALT and CASJ.

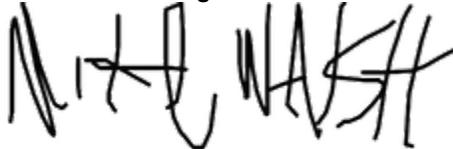
1000: Surveyed DG-2 WOUS for nests.

1416: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_weeding\_DG-2\_facingN.jpg  
-118.17228 34.18995



photo\_2-after\_weeding\_DG-2\_facingN.jpg  
-118.17225 34.18997



**photo\_3-before\_weeding\_DG-2\_facingS.jpg**  
-118.17195 34.1901



**photo\_4-after\_weeding\_DG-2\_facingS.jpg**  
-118.17193 34.19006

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	64 °F	0-3 MPH	80 %
End of Day	14:30	90 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 8 hand pulling perennial pepperweed and poison hemlock in DG-2, DG-2 newchannels/WOUS. Crew of 4 also installing fencing near northeast parking lot.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, RCPA, CATH, CASJ, BEWR, LEGO, BASW, SOSP, CAQU, NUWO, WTSW, CORA, ANHU, RTHA, southern pacific rattlesnake, coastal whiptail, common side blotched lizard, HOFI.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-2, DG-2 WOUS, DG-2 new channels.

0700: monitored vegetation clearing. Area had a diverse array of nonnatives, concentrated on making sure that the crew was able to properly perform detail work. Fencing crew was installing fence on the west side at this time.

0800: 2 crew members from the fencing effort came over to help measure and spray dots for fence posts along the west perimeter trail. Supervised this effort.

0945: swept nearby areas for nests. Observed a large southern pacific rattlesnake and informed crew to avoid.

Fencing crew also found 2 rattlesnakes on the west side around this time.

1140: escorted foreman Daniel Holmes to the east side as he moved the excavator. We took the open alluvium trail at the far north end of the site.

1240: all members of fencing crew joined weeding crew, for a total of 12.

1420: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

Crew is ready to begin working on fencing on the east side.

Signature





**photo\_1-before\_detail\_work\_DG-2\_facingSW.jpg**  
-118.17186 34.19013



**photo\_2-after\_detail\_work\_DG-2\_facingSW.jpg**  
-118.17202 34.19005



photo\_3-before\_handpulling\_DG-2\_facingS.jpg  
-118.17191 34.19008



photo\_4-after\_handpulling\_DG-2\_facingS.jpg  
-118.17189 34.19011

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: July 19, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	70 °F	0-3 MPH	10 %
<b>End of Day</b>	15:00	88 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of about 9 (permanent staff plus temp crew) working on east side. Didier Ramos is supervising weed abatement (hand-pulling) while Daniel Holmes works on fence elsewhere, possibly with additional personnel. Also 2 additional NI workers from the Lake Forest crew working nearby.

**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, CALT, ANHU, HOOR, CASJ, RCPA, ALHU, CATH, BUSH, SPTO, COYE, NUWO, Ca gr squirrel, LEGO, w fence liz,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 main crew of 9 (not incl Daniel Holmes who is working on fence elsewhere on-site) getting into SE corner planted area at S end of new channel (DG-2 WOUS, DG-2). Survey for nests reveals nothing active. Weeds include the standards: Lepidium, Conium, Amaranthus albus, Chenopodium album, Hirschfeldia, Nicotiana glauca. Large (12ft) fruiting tree tobacco along ESA fenceline somehow got missed, crew is dismantling it carefully to avoid releasing seeds. Vehicle noise from sediment removal fairly loud in this spot; can still hear most nearby birds.  
0930 I'm surveying and monitoring the 2 Lake Forest NI workers who are several hundred yards north of the rest of the group. They are weeding within and above the channel (DG-2 WOUS, DG-2) in a planted area that is very dense from the waist down, mixture of natives (mule fat, willow, mugwort, Jimson weed, horseweed) with pepperweed, hemlock, pigweed. SPTO, COYE popping around but no nesting currently suspected.  
1030 crew is getting into southernmost reaches of plantings, adjacent to Griffith water tank. Hirschfeldia and Lepidium are very overgrown here and may have been missed on the previous round of weeding.  
1230 some CALT activity with many vocals nearer road by Eucalyptus: 1 Juv CALT spotted but no indication of nesting, at least on S side of road in project area.  
1400 Lake Forest crew leaving. No other notable observations, very hot and quiet.  
1430 main crew stops pulling and starts tarping while I get photos and notes.

**Additional Comments**

N/A

**Signature**





**photo\_1\_hand-pulling\_DG-2\_facingS.jpg**  
-118.1732 34.18816



**photo\_2-hand-pulling\_DG-2\_facingNE.jpg**  
-118.1725 34.18985



photo\_3-after\_hand-pulling\_photo\_1\_DG-2\_facingS.jpg  
-118.17317 34.18813



photo\_4-after\_hand-pulling\_DG-2\_facingNW.jpg  
-118.17238 34.18977

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: July 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	67 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	90 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Fourteen crew workers, including temp and NI, worked in vegetation clearing non-natives in DG-2B, DG-2, and DG-2WOUS, on the east end. Foreman is Didier.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CATH, HOOR, EUCO, ALHU, CALT, RTHA, BEWR, WREN, RCPA, cottontail, CASJ, whiptail lizard, WTSW, LEGO, HOFI, BUSH, ANHU, HOSP, ACWO, HOWR, PEFA

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

645 arrived onsite along with the crew. The NI Orange County crew worked in DG-2WOUS and DG-2, while the other crew worked in DG-2B. Both crews hand pulled and used hand tools on non-native species. Non-natives include: mustards, horehound, hemlock. One new nest, unknown species, was discovered in the AM. The biologist flagged it off (buffer) until activity and species were identified. A previously marked coyote den was pointed out to the crew to avoid. After lunch, the crews resumed activities in the same locations. Removed vegetation was tarped and put in dumpster. The crew moved north towards Johnson Field. The trash was removed from site. 1515 Biologist left site after completing report.

**Additional Comments**

N/A

Signature





**Veg\_removal\_during\_facingW.jpg**  
-118.17242 34.18851



**Veg\_clearing\_during\_facingW.jpg**  
-118.17242 34.18861



**Veg\_Clearing.jpg**  
-118.17229 34.18918



**Veg\_clearing\_after\_facingWSW.jpg**  
-118.17233 34.18936

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: July 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	68 °F	0-3 MPH	10 %
<b>End of Day</b>	15:15	95 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Fourteen crew workers, including temp and NI, worked in vegetation clearing non-natives in DG-2B, DG-2, and DG-2WOUS, on the east end. Foreman is Didier.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CATH, EUCO, ALHU, CALT, RTHA, BEWR, WREN, RCPA, cottontail, CASJ, BARS, LEGO, HOFI, BUSH, ANHU, HOSP, ACWO, HOWR, CLSW, SPTO, CORA, SOSP, COYE, GREG(flyover), MODO, CAQU, ATFL, BTPI, HOOR, BANO (flight feather), opossum tracks, toad tracks, NUWO, COHA, PHAI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 arrived onsite along with the crew. The crew continued work in DG-2 and DG-2 channels. Crew hand pulled and used hand tools on non-native species. Non-natives include: mustards, perennial pepperweed, horehound, hemlock. The biologist nest searched/monitored and occasionally quality controlled the crew making sure they were removing the correct species. After lunch, the crews resumed activities in the same locations. Removed vegetation was tarped and put in dumpster. The crew moved north towards Johnson Field. The trash was removed from from site. 1515 Biologist left site after completing report.

**Additional Comments**

An LA County (non-project) dozer continues to grub soil in each of the basins north of Johnson Field. One of the basins contains a coyote den and two active nests PHAI\_1 and ACWO\_3; however both nests could have been inactive at the time that the dozer was working, but this info is irrelevant. In addition, the dozer was creating an enormous amount of dust, which the dust meter no-doubtably recorded.

**Signature**





**Tarping\_veg\_during\_facingE.jpg**  
-118.17231 34.18991



**Veg\_removal\_after\_facingNW.jpg**  
-118.17224 34.18993



**Veg\_Removal.jpg**  
-118.1723 34.19005

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	10 %
<b>End of Day</b>	13:35	89 °F	7-9 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 8 hand pulling Chenopodium, mustard, and tree tobacco in DG-W-1, crew of 4 working on fencing on the east side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

WREN, CALT, LEGO, BUSH, HOFI, RCPA, NUWO, California ground squirrel, southern pacific rattlesnake, COHA, ANHU, CASJ, CAKI, ACWO, CATH, coastal whiptail, western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in Johnson field, DG-W-1.

0655: monitored vegetation clearing in DG-W-1. Area had very little bird activity, foraging LEGO most common. Crew started on the hillside adjacent to the container and progressed counter-clockwise around the basin. Fencing crew installed wires on the east side between the fence posts.

0850: crew member reported seeing a large southern pacific rattlesnake on the perimeter trail on the northeast side of the site. Went to go investigate to see if it was at a risk of being run over, did not find it.

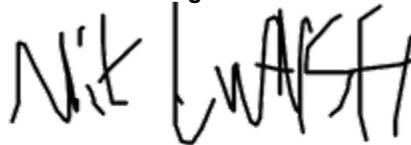
1230: took the bi-weekly photo points.

1330: crew began wrapping up pulling to work on microline checks in the east side channels.

**Additional Comments**

N/A

Signature





photo\_1-before\_weeding\_DG-W-1\_embankment\_facingNW.jpg  
-118.1712726666667 34.191865



photo\_2-after\_weeding\_DG-W-1\_embankment\_facingNW.jpg  
-118.17126189722222 34.19193480555555



photo\_3-before\_weeding\_DG-W-1\_embankment\_facingSW.jpg  
-118.1716190555557 34.19212794444444



photo\_4-after\_weeding\_DG-W-1\_embankment\_facingSW.jpg  
-118.17167484444445 34.19214963888885

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	5 %
<b>End of Day</b>	14:20	90 °F	7-9 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 8 hand pulling vegetation in DG-W-1. Crew of 4 working on fencing on the west side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RTHA, NUWO, CALT, RCPA, LEGO, WEBL, ANHU, BUSH, MODO, ACWO, NOMO, ROPI, HOFI, CORA, CASJ, CLSW, CATH, BEWR, OATI, CAQU, southern pacific rattlesnake, coastal whiptail, AMCR, BTPI, California ground squirrel, ATFL,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: monitored vegetation clearing in DG-W-1. Primary targets were mustard, horehound, tree tobacco, and stinking chamomile.

0750: found an adult southern pacific rattlesnake hiding in a broken pipe in DG-W-1. Showed the crew and pinflagged the area for avoidance. Had a brief meeting regarding rattlesnake safety during which I encouraged everyone to use snake gaiters.

1100: briefly inspected fencing on west side.

1135: resumed monitoring.

1200: showed SoCalGas technician to the high pressure gas line so he could mark the exact location. He said he was going to come back Monday to finish and then left.

1330: checked on 2 nests, PHAI\_1 and ACWO\_3. Both were inactive and the buffers were removed.

1415: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_detail\_work\_DG-W-1\_facingS.jpg**  
-118.17180009722223 34.19097083333333



**photo\_2-after\_detail\_work\_DG-W-1\_facingS.jpg**  
-118.17181097222223 34.19099626944444



**photo\_3-before\_pulling\_DG-W-1\_embankment\_facingN.jpg**  
-118.17107058333333 34.19126747222222



**photo\_4-after\_pulling\_DG-W-1\_embankment\_facingN.jpg**  
-118.17106526666667 34.19129918055555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	100 %
<b>End of Day</b>	14:10	75 °F	7-9 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 10 hand pulling weeds in DG-W-1, crew of 4 digging holes and installing fence posts.

**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, CASJ, CAQU, CALT, NUWO, RTHA, CAKI, AMCR, RCPA, LEGO, BUSH, NOMO, MODO, HOFI, SPTO, BTPI, ACWO, ANHU, CATH, Desert cottontail, COHA, BEWR, OATI, BHCO.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Monitored vegetation clearing in DG-W-1. Primary targets included *Nicotiana glauca*, mustard, *Centaurea melitensis*, and *Chenopodium album*. Slight drizzle at start of day, minimal bird activity.

0730: Supervised use of an excavator to dig fencepost holes near the Northwest corner of DG-W-1.

0930: Rain got a little heavier, crew went to their cars to wait it out.

1000: Crew resumed work after the rain died down. Found *Atriplex suberecta* (nonnative) in DG-W-1, taught the crew to ID it. Noticed crew has been missing *C. album* seedlings, reminded them to pull it.

1350: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_pulling\_Nicotiana\_DG-W-1\_facingSouthWest.jpg  
-118.1715 34.192



photo\_2-after\_pulling\_Nicotiana\_DG-W-1\_facingSouthWest.jpg  
-118.17158 34.19201



photo\_3-crew\_backfilling\_holes\_facingEast.jpg  
-118.1714 34.19198



photo\_4-new\_fencing\_facingWest.jpg  
-118.1709 34.19181

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	90 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling perennial pepperweed in DG-4 at the far southwest side of the site.

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ANHU, CALT, BEWR, LEGO, BUSH, AMCR, RCPA, YEWA, COYE, ROPI, BUOR, WREN, OATI, ACWO, TUVU, Western fence lizard, Fox squirrel, CASJ, ALHU, HOFI.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4 at the far southern corner of the site.

0700: Flagged off WREN\_1 and cleared crew to work. Primary focus was perennial pepperweed. Several SOSP and COYE calling in area but no evidence of nesting yet. YEWA heard in a grove of Salix sp. to the north.

0800: Observed BUOR making repeated trips with food into the same grove to the north. Exact location unclear.

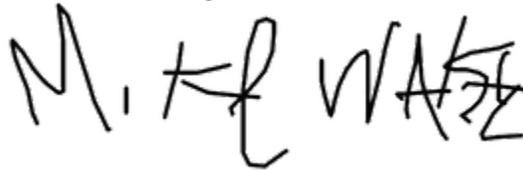
1130: By lunchtime crew had made it to the fallen eucalyptus. They began working on the edges of the adjacent clearing. Minimal bird activity.

1415: Crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_weed\_removal\_DG-4\_facingNorth.jpg  
-118.17692 34.18649



photo\_2-after\_weed\_removal\_DG-4\_facingNorth.jpg  
-118.1769 34.18647



photo\_3-before\_weed\_removal\_DG-4\_facingWest.jpg  
-118.17691 34.18651



photo\_4-after\_weed\_removal\_DG-4\_facingWest.jpg  
-118.1769 34.1864

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: July 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	93 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand-pulling in SW corner of project area. Didier Ramos, 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:**

YEWA - several around including fledglings but no nests seen, RSHA, HOFI, BEWR, RCPA, BUSH, COYE, OATI, AMCR, NUWO, ACWO, ANHU, ALHU, SPTO, WETA feeding on passionflower fruits, Side-blotched lizard, ATFL, MODO, CORA, HUVI, HOOR, Western fence lizard, COHA, WTSW

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 Crew mostly consists of temp crew (6), Orange County crew (4), and 2 NI regulars (Didier, Andre). Working at DG-4 in the willow-ash-sycamore-eucalyptus forest near power lines. Weeds are fairly dried out: mainly pepperweed and hemlock, with occasional mustard, fig, passionflower vine, Lactuca. Weeds are fairly minimal in some terrace areas closer to reservoir/forest edge: well developed native cover of mugwort, stinging nettle, Cal blackberry, Bromus carinatus, Elymus triticoides.

1000 Moving northward into denser understory forest, several large areas of Himalayan blackberry, creeper/woodbine (Parthenocissus) vine with the pepperweed, etc. Crews may be removing some minor amounts of the native Fraxinus along with nonnative F. uhdei. Unsure of the taxonomy here (e.g., F. velutina/latifolia and potential hybrids). They are focused mainly on removing resprouting stumps from last year.

1130 Moving into creeper vine infestation at edge of next planted area (34.188112°N 118.177278°W). YEWA in this area, no nests found. Roosting barn owl flushed, noted in Collector.

1345 Check on COHA-1 nest, updated in Collector. One juvenile/fledgling perched nearby, looks timid, leaving nest buffer intact for now. Bio monitor can make additional determinations as crew approaches area.

1400 Orange Co crew leaves.

1415 Main crew starts cleanup while I get photos and more notes.

**Additional Comments**

N/A

**Signature**





**photo\_1-DG-4\_after\_hand-pulling\_facingEast.jpg**  
-118.17744 34.18747



**photo\_2\_DG-4\_woodbine\_infestation\_facingWest.jpg**  
-118.17724 34.18803



photo\_3\_DG-4\_after\_pulling\_woodbine\_facingWest.jpg  
-118.17729 34.18811



photo\_4-DG-4\_after\_hand-pulling\_facingNorth.jpg  
-118.17714 34.18789

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	91 °F	4-6 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 13 hand pulling vegetation in DG-4 on the south west side, crew of 4 working on fencing near DG-W-1.

**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, YEWA, AMCR, HOFI, RCPA, BUSH, ANHU, SPTO, OATI, BEWR, BLPH, CASJ, NUWO, Western fence lizard, CAKI, ATFL, BUOR,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4 on the south side of the site.

0700: Cleared crew to work, primary focus was a *Rubus armeniacus* infestation which was covering a large patch of forest floor with scattered *Raphanus raphanistrum*, *Passiflora incarnata*, and fig trees. Heard YEWA, no nesting behavior.

0930: Surveyed COHA\_1. Immediate area around nest was vacant, no juveniles observed nearby, no alarm calls or scolding.

1000: Drove to east side to sweep the remaining areas near fencing crew for nests. Found none.

1400: Crew was approaching the southern edge of the COHA\_1 buffer.

1415: Crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

**Signature**





**photo\_1-before\_Removing\_Rubus\_DG-4\_facingSouth.jpg**  
-118.17737 34.18784



**photo\_2-after\_Removing\_Rubus\_DG-4\_facingSouth.jpg**  
-118.17739 34.18787



photo\_3-before\_removing\_fig\_DG-4\_facingNorth.jpg  
-118.17759 34.188



photo\_4-after\_removing\_fig\_DG-4\_facingNorth.jpg  
-118.17755 34.188

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: July 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	25 %
<b>End of Day</b>	12:39	90 °F	4-6 MPH	25 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 clearing perennial pepperweed and wild radish in the southernmost section of DG-4A. Crew of four working on fencing; did not require a monitor.

**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, YEWA, RCPA, SPTO, CALT, WREN, WEWP, RSHA, ATFL, ANHU, SOSP, BEWR, HOFI, CASJ, BGGN, NUWO, OATI, BUSH, LEGO, Desert cottontail, Western fence lizard, ALHU, MODO, NOMO, BLPH,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Performed a nesting bird survey in DG-4A near COHA\_1. Found no COHA activity near nest for second consecutive day. Allowed crew to work in vicinity, but under close supervision. Heard YEWA in the distance NE of crew.

0700: Monitored vegetation clearing in DG-4A. Closely monitored the area near COHA\_1. Area was >95% invasives, primary targets were perennial pepperweed and wild radish. At this time, the fencing crew was working on tightening up the wires on the west side fencing, which did not require monitoring.

1030: Went to east side to inspect a collapse in the snake fence. Foreman Daniel Holmes then fixed it. Examined fencing progress- posts have been installed roughly 100 feet into the area bordering DG-2.

1130: Continued monitoring vegetation clearing in DG-4A. By this time the crew was nearing the end of the clearing.

1230: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_removal\_DG-4A\_facingNorth.jpg  
-118.17732 34.18878



photo\_2-after\_vegetation\_removal\_DG-4A\_facingNorth.jpg  
-118.17737 34.18879



**photo\_3-Snake\_fence\_collapse\_facingWest.jpg**  
-118.17299 34.18771



**photo\_4-fencing\_progress\_DG-2\_facingNorth.jpg**  
-118.17145 34.19037

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: August 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	68 °F	0-3 MPH	0 %
<b>End of Day</b>	14:20	98 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/labor finders crew of 10 handpulling perennial pepperweed and wild radish in DG-4/DG-4A, crew of 4 working on fencing on the east side.

**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, BEWR, YEWA, RCPA, HOFI (orange morph), LEGO, ALHU, NUWO, BUSH, Desert cottontail, Fox squirrel, MODO, SOSP, WREN, TUVU, Western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A near the southernmost clearing in DG-4A. Foreman found and fixed a large irrigation leak in DG-5; the black pipe had just broken and was quickly flooding perimeter trail. YEWA observed foraging.

0700: Cleared crew to work, monitored vegetation clearing. Found a Yellowjacket nest which was flagged off from last year, advised crew to avoid. Talked with crew regarding best practices in high heat and recognizing heat illness.

0900: Surveyed the area near the fencing crew and checked on progress.

0930: Resumed monitoring vegetation clearing. Very little bird activity due to heat.

1200: Heat quickly began shooting above 90, topping out around 98. Advised crew to take frequent water breaks. Almost no wildlife seen for rest of day except for fence lizards.

1410: Crew began wrapping up pulling while I inspected the site. Entire area under trees surrounding the aforementioned clearing was finished.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_removal\_DG-4A\_facingSouthWest.jpg  
-118.1773 34.18903



photo\_2-after\_vegetation\_removal\_DG-4A\_facingSouthWest.jpg  
-118.17728 34.18901



photo\_3-fencing\_crew\_installing\_wire\_facingNorth.jpg  
-118.17111 34.19109



photo\_4-crew\_hauling\_tarps\_facingNorth.jpg  
-118.17706 34.1893

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	70 °F	0-3 MPH	0 %
<b>End of Day</b>	14:25	97 °F	0-3 MPH	6 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/ Labor Finders crew crew of 12 pulling perennial pepperweed, *Chenopodium album*, and wild radish in DG-4/DG-4A, Tamarisk sp. removed in DG-W-2. Crew of 4 working on fencing who did not require a monitor.

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ANHU, CALT, SPTO, BEWR, RCPA, BUSH, ACWO, YEWA, NUWO, MODO, CASJ, HOFI, CAQU, SOS, Southern pacific rattlesnake, Coyote, Common side blotched lizard (first sighting of hatchlings for year), Coastal whiptail, CORA, RTHA, Western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A near the west side ESA fencing. Heard YEWA to the south near a previously reported point.

0655: Gave WEEP Training to a new employee and took some time to show him the plants we are targeting.

0715: Monitored vegetation clearing in aforementioned area. Crew was working to remove perennial pepperweed and chenopodium from the understory of a dense *Salix* woodland.

0745: Crew member reported finding a Yellowjacket hive underground. Nobody was stung, area was flagged off with red pin flags.

1000: 2 crew members removed a large tamarisk in DG-W-2.

1045: Resumed monitoring vegetation clearing.

1100: A crew member reported finding a southern pacific rattlesnake on the perimeter trail. Did not relocate, but stayed nearby until it had crossed to minimize risk of being run over.

1410: Crew began wrapping up pulling to focus on tarping and irrigation. Had a brief chat with the foreman about priorities for tomorrow.

**Additional Comments**

N/A

Signature





photo\_1-before\_pulling\_Chenopodium\_DG-4\_facingNorth.jpg  
-118.17719 34.18875



photo\_2-after\_pulling\_Chenopodium\_DG-4\_facingNorth.jpg  
-118.17722 34.18875



photo\_3-crew\_hauling\_large\_Tamarisk\_facingSouthWest.jpg  
-118.17406 34.19265

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: August 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	68 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	95 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand-pulling weeds in southwestern project area (DG-4, DG-4A) with foreman Didier Ramos. Additional crew building fence elsewhere with Daniel Holmes.

**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, BUSH, RCPA, HOFI, NUWO, SOSP, BGGN, CALT, Side-blotched lizard, Western fence lizard, HOOR.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 Starting at DG-4A near ESA fencing. Edge of open alluvial scrub habitat targeting pepperweed, hemlock, wild radish, mustard, prickly lettuce, tree tobacco, lambs quarters. These are growing amongst native willow, mule fat, burweed, horseweed, cocklebur. This site is directly adjacent to the current sediment removal work; bird list may be lacking due to noise. Following 2 male yellow warblers around in tall willow canopy occasionally throughout the day but no indication of nesting (no females or fledglings observed today). Also monitored fledged COHA\_1 nest with no adult or fledgling/juvenile sightings, cleared nest buffer in Collector.

1130 After lunch crews are getting deeper into the shaded forest (90°F) of DG-4A and DG-4), getting widespread hemlock, pepperweed, lambs quarters. More frequent water breaks in afternoon.

1400 Orange Co crew leaves.

1445 Main crew packs it up at

**Additional Comments**

N/A

Signature





photo\_1-hand\_pulling\_DA-4A\_facingNorthEast.jpg  
-118.17666 34.18883



photo\_2-hand\_pulling\_DG-4A\_facingWest.jpg  
-118.17612 34.1892



photo\_3-hand\_pulling\_DG-4\_facingWest.jpg  
-118.17656 34.18918



photo\_4-after\_hand\_pulling\_DG-4A\_facingEast.jpg  
-118.17652 34.18925

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	91 °F	10-12 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/ Labor Finders crew of 11 hand pulling perennial pepperweed, *Chenopodium album*, and poison hemlock in DG-4/DG-4A near the edges of one of the southernmost clearings. Fencing crew of 4 working near DG-2B on the eastern perimeter trail.

**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:**

CATH, RCPA, CALT, BEWR, YEWA, SOSP, CASJ, ALHU, HOFI, OATI, SPTO, NOMO, MODO, ANHU, Western fence lizard, Desert cottontail, RTHA, CORA, ACWO.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A. YEWA observed foraging in high treetops, no nesting behavior noted.

0655: Cleared crew to work, monitored vegetation clearing. Edges of clearings were missed earlier in the season when the crew was using weed whackers to avoid low lying cryptic nests, crew was using hand tools to clean these areas up.

0745: Went to east side to monitor fencing crew. Checked UNK\_1, marked it as inactive. Nest appeared in a similar, dilapidated state after last check 16 days ago, no activity nearby.

0830: Resumed monitoring on the west side. Very little bird activity, possibly due to heat.

1338: Crew began wrapping up pulling and checking irrigation. I took the bi-weekly photo points of the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_pulling\_DG-4\_facingSouthEast.jpg  
-118.17656 34.18946



photo\_2-after\_vegetation\_pulling\_DG-4\_facingSouthEast.jpg  
-118.17658 34.18946



photo\_3-crew\_hauling\_tarps\_facingNorthEast.jpg  
-118.1767 34.18955



photo\_4-daily\_fence\_progress\_facingNorthWest.jpg  
-118.1724 34.18864

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	0 %
End of Day	14:30	82 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/Labor Finders crew of 9 clearing vegetation in DG-4/DG-4A, crew of 4 working on fencing near DG-3A on the perimeter trail.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

AMCR, RCPA, CALT, Fox squirrel, NUWO, ANHU, SPTO, ACWO, HOFI, CLSW, LEGO, CASJ, BCHU, Desert cottontail, Western fence lizard, California king snake, RSHA, BEWR, ALHU.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: performed a nesting bird survey in DG-4/DG-4A on the border of a clearing to the south of the 'primrose' area. Minimal bird activity, as has been the case all week.

0755: Cleared crew to work. They hand pulled perennial pepperweed, poison hemlock and wild radish in the aforementioned area, making their way into the tree line until it got too thick and the forest floor was only composed of willow branches.

1000: Went to east side to show the fencing crew where the fence is planned to end. Discovered that the snake fencing had once again failed. It appeared to have been hit by a truck judging by tire marks in the area. The fencing crew immediately got supplies to fix the fence and did so.

1030: Went back to weeding crew on west side. Moved several crew members to a new area in the same clearing (S edge of old YEWA\_3 buffer), and several into a planted area on the north side of the clearing to clean up perennial pepperweed.

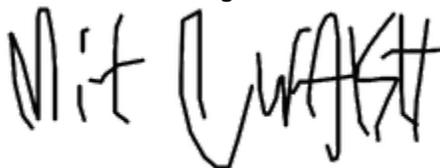
1130: Following lunch, several crew members began running tarps. One of them discovered a dead California king snake near the trash bin on a social trail used by the disc golfers. Individual was a juvenile, appeared to have a distinct puncture wound through the head; may have been done by a domestic dog based on shape of wound but not sure.

1420: Crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_vegetation\_removal\_DG-4\_facingEast.jpg**  
-118.17698 34.1898



**photo\_2-after\_vegetation\_removal\_DG-4\_facingEast.jpg**  
-118.17696 34.18982



photo\_3-before\_vegetation\_removal\_DG-4\_facingSouthEast.jpg  
-118.17646 34.18964



photo\_4-after\_vegetation\_removal\_DG-4\_facingSouthEast.jpg  
-118.1764 34.18962

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	88 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 13 hand pulling perennial pepperweed in DG-4, DG-4A just south of the primrose area, crew of 3 installing fencing on the east side.

**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, YEWA, RCPA, SPTO, SOSP, ALHU, ANHU, CASJ, HOFI, LEGO, California ground squirrel, Neotoma SP., ACWO, Common side blotched lizard, Western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A. Observed YEWA foraging in an area already recorded in collector.

0655: Cleared crew to work, monitored vegetation clearing in the aforementioned areas near the now inactive YEWA\_3 nest. Area was forest undergrowth that was thick with perennial pepperweed. Numerous YEWA adults observed throughout early hours to the south, appear to no longer be nesting.

0800: Went to east side to sweep the remaining areas for nests. Found a woodrat next to a midden, implying that it is active. Midden is not in the path of the fence and in a heavy traffic area, but advised foreman to use a spotter when moving heavy machinery adjacent to it.

0900: Retuned to west side, resumed monitoring vegetation clearing.

1200: Crew was approaching the next clearing, directed them west to continue pulling in the forested area.

1250: Surveyed surrounding areas for nests and new work areas.

1430: Crew began wrapping up pulling to work on irrigation and tarping.

**Additional Comments**

N/A

Signature

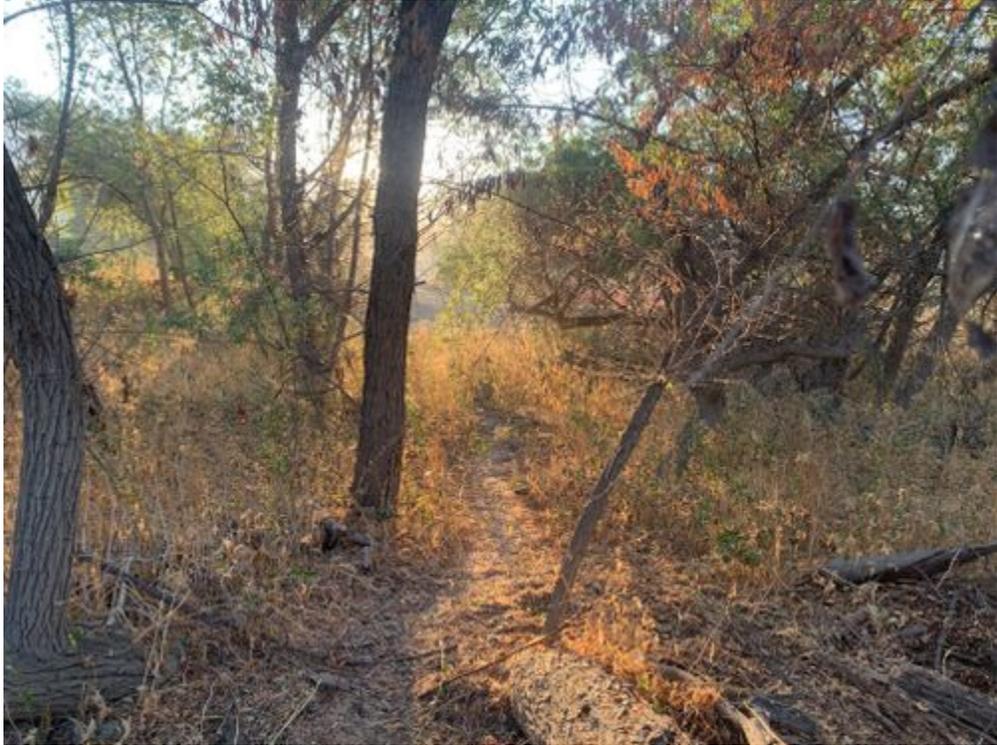




photo\_1-weed\_removal\_before\_DG-4\_facingNorth.jpg  
-118.17601 34.18895



photo\_2-weed\_removal\_after\_DG-4\_facingNorth.jpg  
-118.17631 34.18939



photo\_3-weed\_removal\_before\_DG-4\_facingNorthEast.jpg  
-118.17627 34.18958



photo\_4-weed\_removal\_after\_DG-4\_facingNorthEast.jpg  
-118.17626 34.18961

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: August 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	94 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Construction Monitoring

**Construction Activity:**

Natures Image crew of 13 (9 regular/temp crew + 4 Orange County crew), foreman Didier Ramos, hand-pulling in southwest project area.

**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:**

Coyote with big-eared woodrat, NUWO, SOSP, HOOR, HOFI, BEWR, CALT, ACWO, RCPA, DOWO, WREN, OATI, BUSH, CORA, HUVI, BGGN, CORA, YEWA (out of current work area, to the south), Western fence lizard, side-blotched lizard, Desert cottontail, CATH, HOWR

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645 Crew starting in DG-4A, DG-4, DG-4 Drainage, working inward away from ESA fencing. While surveying as we arrived, 3 coyote prancing away from drainage area, one w woodrat in jaws. Willow understory of mostly pepperweed and hemlock. Few visible natives (e.g., mugwort). DG-4 terrace by drainage has dense Hirschfeldia.

1030 One of the workers partially caved in a coyote burrow entrance but it's still mostly intact. No coyotes nearby currently.

1130 After lunch continuing in same area, under willow canopy, hot conditions (90°+), multiple water breaks etc.

1400 Orange County crew leaves.

1445 Remaining crew leaves.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4A\_before\_hand-pulling\_facingNorth.jpg  
-118.17607 34.18983



photo\_2-DG-4A\_after\_hand-pulling\_facingNorth.jpg  
-118.17603 34.18985



photo\_3-DG-4\_DG-4A\_hand-pulling\_facingSouthEast.jpg  
-118.17632 34.19001



photo\_4-DG-4\_DG-4A\_after\_hand-pulling\_facingSouthEast.jpg  
-118.17624 34.19001

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 11, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	70 °F	0-3 MPH	90 %
<b>End of Day</b>	14:30	93 °F	7-9 MPH	40 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image/Labor Finders crew of 12 hand pulling perennial pepperweed and *Chenopodium album* in DG-4/DG-4A. Crew of 4 working on fencing on both sides of site at various locations around the perimeter trail.

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

WREN, CALT, RCPA, ANHU, YEWA, SOSP, SPTO, BGGN, CASJ, HOFI, LEGO, ACWO, MODO, DEJU, CATH, OATI, BEWR, HOOR, HUVI, Western fence lizard, Common side blotched lizard, Fox squirrel.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A. Heard YEWA to the south.

0655: Cleared crew to work. Crew was working under the tree line to clear out the areas which had been skipped because of BGGN-1 and LEGO-6, both of which are now inactive. Area had a thick carpet of perennial pepperweed and *C. Album*. Observed CALT pair foraging in the recently cleared areas. Followed foraging YEWA for a while, no evidence of nesting.

0800: Surveyed area of DG-4 north of crew which they were progressing towards.

1130: Went to east side to examine fence progress and escort the excavator back to the west side. Foreman Daniel Holmes drove, taking a route through the northern section of alluvium. Fencing crew then focused on installing quick connect gates at marked locations.

1300: Resumed monitoring vegetation clearing. By this time, crew was nearing the edge of the buffer for BGGN-1.

1430: Crew began wrapping up pulling and moved to cleanup.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_vegetation\_clearing\_facingNorth.jpg**  
-118.17602 34.19008



**photo\_2-DG-4\_after\_pulling\_facingNorth.jpg**  
-118.17598 34.19007



photo\_3-escorting\_excavator\_across\_site\_facingSouthWest.jpg  
-118.16971 34.195



photo\_4-crew\_cleaning\_up\_DG-4\_facingWest.jpg  
-118.17577 34.1903

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	70 °F	0-3 MPH	0 %
<b>End of Day</b>	14:20	91 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling DG-4/DG-4A, fencing crew of 4 installing habitat restoration signs at various locations on the perimeter trail.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RCPA, CALT, SOSP, HOFI, SPTO, LEGO, CASJ, BEWR, CATH, ANHU, RTHA, HOOR, CAKI, BUSH, ATFL, California ground squirrel, Common side blotched lizard, Western fence lizard, Neotoma sp.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG4A, showed crew where they would be hand pulling, then assigned them to do microline checks while I was in a meeting.

0710: Site visit with Samuel Ward, Daniel Holmes, and several people from ECORP to discuss phase 3 planting.

1045: Wrapped up site visit, coordinated with crew to review status of irrigation.

1130: Crew came back from lunch and began hand pulling perennial pepperweed in DG-4/DG-4A along the edges of the clearing due west of the twin boulder area. Undergrowth was a pepperweed monoculture, very low bird activity in the afternoon heat.

1300: Inspected sign installation and fencing.

1330: Resumed monitoring vegetation clearing.

1415: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to read "Michael Walsh" with a stylized flourish at the end.



photo\_1-DG-4\_vegetation\_removal\_before\_facingWest.jpg  
-118.17573 34.19024



photo\_2-DG-4\_vegetation\_removal\_after\_facingWest.jpg  
-118.17576 34.19033



photo\_3-sign\_installation\_DG-W-1\_facingNorthWest.jpg  
-118.17136 34.19078

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	66 °F	0-3 MPH	0 %
End of Day	14:30	92 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling perennial pepperweed and poison hemlock in DG-4/DG-4A. Fencing crew of 4 installing a few of the final fence posts.

**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, RCPA, MODO, WREN, CALT, HOFI, CASJ, BARS, BLPH, ACWO, Bobcat, Coastal whiptail, Western fence lizard, California ground squirrel.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4A/DG-4.

0655: Cleared crew to work, briefly surveyed for the fencing crew, who had 2 posts to install near DG-4C.

0710: Cleared fencing crew to dig, monitored vegetation clearing in DG-4/DG-4A. Crew was working along the edges of the clearing to the west of the twin boulder clearing. Area was full of pepperweed and had a large infestation of tree of heaven. During the early hours, they began with the pepperweed.

1000: Photographed and inspected fencing progress.

1015: Resumed monitoring vegetation clearing. Crew by now had made their way to the area beneath the tree of heaven grove. Poison hemlock became the dominant weed species. Several Woodrat middens in area and small patches of Toxicodendron diversilobum; crew was advised to avoid both.

1230: Flagged off locations for sign posts.

1300: Observed juvenile bobcat hunting near staging area, then resumed monitoring vegetation clearing.

1415: Crew began wrapping up pulling while I inspected the site. Crew had completed removing annual vegetation beneath the tree of heaven grove and surrounding accessible areas, leaving the tree of heaven for a later date.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_pepperweed\_removal\_facingEast.jpg**  
-118.17569 34.19021



**photo\_2-DG-4\_after\_pepperweed\_removal\_facingEast.jpg**  
-118.17579 34.19025



photo\_3-new\_fence\_posts\_facingSouth.jpg  
-118.17393 34.1941

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: August 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	65 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	93 °F	4-6 MPH	20 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 (mostly temp crew) with Didier Ramos serving as foreman, hand-pulling on west side of project area. Plus 4 Orange County workers arriving right after first group.

**Did you observe any special-status species?**  Yes  No

Least Bell's vireo

**Were any least Bell's Vireo detected?**  Yes  No

1045: I heard a Least Bell's vireo chatter call about 100 feet away and then confirmed with a visual for about 5 minutes at 34.190767°N 118.176383°W, within the 2020 territory buffer (patchy mature black willow forest with low to moderately dense understory of wilows, mule fat, poison oak, Phacelia, and dead grasses/weeds/leaf litter) before it flew to south. No other vocalization or indication of nesting - it's very late in the season for a nest. Suspected juvenile based on wing coverts but did not get great looks. I made a Collector entry and notified the other Stillwater biologists and then Lauren Simpson.

1345: The same likely bird again did a brief chatter call in same area, but it was heard from afar and I couldn't get a visual.

**List of species observed while monitoring:**

RCPA, BGGN, CALT, ACWO, ANHU, Big-eared woodrat, Western fence lizard, OATI, HOFI, LEGO, CAQU, Side-blotched lizard, NUWO, Eastern fox squirrel, MOCH, BEWR, LBVI, AMCR

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Crew is starting in DG-4 in a willow area on east side of DG-4 Drainage. Pepperweed, hemlock, there is a grove of young tree of heaven that Didier plans to remove with a chainsaw. Avoiding mugwort, Jimson weed. Woodrat nests, etc.

0730: Orange County crew arrives with pole saw (weed whacker with circular saw attachment, starts cutting smaller trees of heaven (dbh of 1-2", up to 3"; approx. 10-25' tall). Scared up one big-eared woodrat but no middens were damaged.

0845: One of the temp workers starts helping with tree of heaven removal using a chainsaw.

1030: Tree of heaven removal done (at this location). About 50 trees removed.

1045: Least Bell's vireo observation, see above.

1130: After lunch crew continues in same area, while several workers move south to cut more tree of heaven.

1318: Phoned Lauren Simpson regarding LBVI sighting; she would like a CNDDDB report submitted. Also she suggested checking eBird for recent reports of LBVI by a local birder. Crews continue to pull pepperweed and get some additional tree of heaven to the south and west. I took a quick look at DG-5 planted area; this lush, irrigated zone still supports high-quality shrub/herbaceous nesting habitat. SOSP, CALT, CATH active there.

1350 Orange County crew leaves.

1430 Remaining workers stop pulling and start tarping while I get additional pics and finish log.

**Additional Comments**

Ending cloud cover is haze.

**Signature**

*[Handwritten signature]*



photo\_1-DG-4\_hand-pulling\_facingWest.jpg  
-118.17602 34.19052



photo\_2\_treeofheaven\_removal\_DG-4\_facingNorthEast.jpg  
-118.1769 34.19038



photo\_3\_DG-4\_tree\_of\_heaven\_before\_removal\_facingNorthWest.jpg  
-118.17596 34.19046



photo\_4\_DG-4\_tree\_of\_heaven\_after\_removal\_facingNorthWest.jpg  
-118.17585 34.19051

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:40	88 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling perennial pepperweed in DG-4, DG-4 drainage and DG-4 sheetflow.

**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:**

CATH, CALT, HOFI, ACWO, YEWA, SOS,PC, RCPA, BUSH, BGGN, ANHU, SPTO, WREN, LEGO, COHA, MODO, CORA, ALHU, CASJ, WEBL, BTYW, BEWR, ATFL, NUWO, CAQU, Desert cottontail, California ground squirrel, Western fence lizard, Coastal whiptail.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4, DG-4 sheetflow, and DG-4 drainage. Special attention was paid to finding LBVI, which had been observed on site a day prior. YEWA observed.

0700: Cleared crew to work. They began in 2 nearby crews; one in DG-4 sheetflow and one working up the drainage and adjacent areas of DG-4. Both areas were overgrown with perennial pepperweed. Monitored vegetation clearing. Higher species richness than has been seen during the last few weeks; possibly due to reduced noise from hauling, low temperature, or high humidity (60+).

0800: Surveyed northern areas for LBVI. None observed.

0845: Resumed monitoring vegetation clearing.

1030: Surveyed DG-5 after noticing high bird activity.

1100: Resumed monitoring vegetation clearing. By now, crew in sheetflow area was closing in on the edge of the overgrown areas, and about 1/2 the drainage crew had switched to tarping on and off.

1420: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_pulling\_DG-4\_drainage\_facingNorth.jpg  
-118.17597 34.19078



photo\_2-after\_pulling\_DG-4\_drainage\_facingNorth.jpg  
-118.17593 34.19074



photo\_3-before\_pulling\_DG-4\_sheetflow\_facingNorthEast.jpg  
-118.17601 34.19117



photo\_4-after\_pulling\_DG-4\_sheetflow\_facingNorthEast.jpg  
-118.17617 34.19127

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 18, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	4-6 MPH	100 %
<b>End of Day</b>	14:00	77 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 17 hand pulling perennial pepperweed, poison hemlock and mustard in DG-4 sheetflow, DG-4.

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, LEGO, BLPH, CATH, OATI, WREN, NUWO, BEWR, YEWA, SOSP, BGN, ALHU, CORA, MODO, ACWO, HOFI, ANHU, CASJ, BARS, BTPI, ATFL, RCPA, AMCR, BUSH, SPTO, WETA, CAQU, OCWA, DEJU, WCSP, California ground squirrel

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey. Light misty precipitation occurring. YEWA observed foraging, followed for a few minutes.

0700: Cleared crew to work. Monitored vegetation clearing in DG-4 sheetflow and DG-4 along the perimeter trail. Lots of bird activity, no nesting behavior.

0800: Surveyed surrounding areas focused on the recently observed LBVI; found none.

0830: Resumed monitoring vegetation clearing.

0920: Crew working along the perimeter trail finished up planted sites; moved into area beneath willows to the North West of DG-4 sheetflow. Area was a poison hemlock monoculture at ground level.

1130: Rain got a little heavier, crew waited for it to die down in their cars.

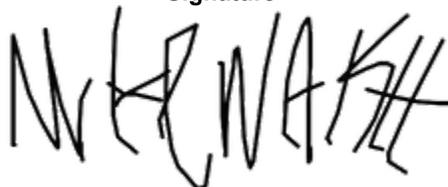
1200: Resumed monitoring vegetation clearing. By now crew had consolidated in the area NW of DG-4 sheetflow.

1400: Crew began wrapping up pulling for the day.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_removal\_DG-4\_sheetflow\_facingSouth.jpg  
-118.17587 34.19118



photo\_2-after\_vegetation\_removal\_DG-4\_sheetflow\_facingSouth.jpg  
-118.17587 34.19119



photo\_3-before\_vegetation\_removal\_DG-4\_facingWest.jpg  
-118.17603 34.19158



photo\_4-after\_vegetation\_removal\_DG-4\_facingWest.jpg  
-118.176 34.19157

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 19, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	100 %
<b>End of Day</b>	14:15	75 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 16 hand pulling vegetation in DG-W-2 mining pit and mining pit outlet, DG-4.

**Did you observe any special-status species?**  Yes  No

Least Bell's vireo, Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

Heard an LBVI alarm call from roughly 30 feet away, then observed it in a lone mulefat just south of DG-5. Followed it for 30 minutes as it moved into DG-5 foraging (where it spent the most time, roughly 15-20 minutes), and then into the adjacent willow grove in DG-4 to the east (the exact area where it was seen by Scott on 8/16), where it was lost. Individual was likely a juvenile, having fluffy disheveled plumage on the ventral white area. As well, it made no vocalization aside from the alarm call. Crew was roughly 550 feet away at time of sighting. Location marked on collector.

**List of species observed while monitoring:**

CATH, CAQU, MODO, CASJ, CALT, HOFI, YEWA, SOSP, SPTO, NUWO, WREN, CORA, LEGO, WREN, RTHA, Desert cottontail, OCWA, BUSH, San Diego alligator lizard, LBVI, ACWO, BGGN, Western toad, Western fence lizard, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-W-2 mining pit outlet.

0700: Crew was cleared to work, monitored vegetation clearing. Primary targets included pepperweed, *Dysphania pumilio*, and *Amaranthus albus*, and *Erigeron bonariensis*. Planting basins were becoming overgrown, with large pepperweed infestations spreading out between container plants. Several CALT chirping near crew, appeared to be foraging for insects in recently cleared areas.

0750: 3 crew members were assigned to work just outside of the channel in DG-4. The area had a large beehive nearby, crew was advised to avoid.

0900: Surveyed DG-5.

0930: Observed LBVI for 30 minutes and then informed Margie Pfeffer and Lauren Simpson. More detail in LBVI notes section.

1010: Resumed monitoring vegetation clearing in channel. By now crew had made it to the southern edge of the mining pit. Several BGGN in the area near the crew, appeared to be foraging on the insects stirred up by vegetation removal activities. Noted an empty hole in a tree which appeared to have been excavated within the last month or so but it was vacant.

1400: Crew had made it roughly halfway through the mining pit and began wrapping up pulling for the day to focus on cleanup.

**Additional Comments**

Sporadic light rain throughout the day

**Signature**

NOT AKAH



photo\_1-before\_weed\_removal\_DG-W-2\_outlet\_facingWest.jpg  
-118.17591 34.19138



photo\_2-after\_weed\_removal\_DG-W-2\_outlet\_facingWest.jpg  
-118.17591 34.19142



photo\_3-before\_weed\_removal\_DG-4\_facingSouthEast.jpg  
-118.17554 34.1915



photo\_4-after\_weed\_removal\_DG-4\_facingSouthEast.jpg  
-118.17555 34.19152

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	25 %
<b>End of Day</b>	14:43	81 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 17 hand pulling perennial pepperweed, mustard and poison hemlock in DG-W-2 mining pit, DG-4, and 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:**

WREN, CATH, SPTO, CALT, BEWR, LEGO, COYE, BGGN, ANHU, CASJ, MODO, ACWO, HOFI, SOSP, CAQU, RCPA, Western toad, OCWA, Bottas pocket gopher, RTHA, Coastal whiptail, Common side blotched lizard, California ground squirrel, California kingsnake.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey.

0655: Cleared crew to work, monitored vegetation clearing in DG-W-2 mining pit and DG-4 on the western border of the mining pit. Most of the crew was focused on pulling perennial pepperweed, with 3 members assigned to prune back some of the Xanthium strumarium (native but aggressive and ruderal) which was beginning to choke out the container plants on the north side of the mining pit. The planted willows in this area were struggling to get sunlight and their growth appeared stunted; so, the areas directly above these were cut back and the planting basins were cleared out.

0930: Took bi-weekly photo points of the restoration areas on the west side.

1030: Discovered a new possible nest, NUWO\_5, in DG-W-2. Adult observed visiting a recently excavated hole in a tree repeatedly, possibly to drop food off. Individual may have been foraging, but called it active to be safe because it seemed to be spending a lot of time nearby. This nest hole was noted yesterday but no NUWO activity was seen, which could be explained by the abnormal weather. A 50-foot buffer was implemented, and the crew was advised to avoid.

1200: Crew was wrapping up in the mining pit. Began sending people up to DG-4B, monitored vegetation clearing. Several crews remained to remove a large tamarisk which was discovered today.

0200: Crew began wrapping up pulling for the day while I headed to the east side to take the last few bi-weekly photo points. By EOD crew had finished about 70% of DG-4B.

**Additional Comments**

A second large tamarisk was discovered and removed today just south of DG-W-2 mining pit in DG-4. Appeared to be several years old.

**Signature**

10/10/18



photo\_1-DG-4\_before\_weeding\_facingNorthWest.jpg  
-118.17452 34.19294



photo\_2-DG-4\_after\_weeding\_facingNorthWest.jpg  
-118.17458 34.19302



photo\_3-DG-4B\_before\_weeding\_facingSouth.jpg  
-118.17498 34.19239



photo\_4-DG-4B\_after\_weeding\_facingSouth.jpg  
-118.17499 34.19239

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	18:45	57 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	81 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 16 hand pulling perennial pepperweed and poison hemlock in DG-4 and DG-4B

**Did you observe any special-status species?**  Yes  No

Least Bell's vireo

**Were any least Bell's Vireo detected?**  Yes  No

Heard an alarm call during a 30 minute survey of DG-5 at roughly 0815. Bird was not seen, call was not heard again.

**List of species observed while monitoring:**

RCPA, CASJ, CALT, MODO, HOFI, LEGO, AMCR, ACWO, CAQU, SPTO, ANHU, ALHU, BEWR, WBNU, BUSH, OATI, BTPI, RSHA, NUWO, CATH, California kingsnake, Neotoma sp., California ground squirrel, coastal whiptail.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: WEEP trained Maddie Uetrecht.

0655: Performed a nesting bird survey in DG-4, DG-4B south and east of the staging area.

0705: Cleared crew to work. They worked on the eastern and southern edges of DG-4B, which had some regrowth of perennial pepperweed and poison hemlock. Crew member had reported seeing a California kingsnake on Friday while they were cleaning up, surveyed the area so they could clear the vegetation in the area out without risking trampling it. As crew moved towards the willows lining DG-4, I surveyed these areas for rattlesnakes due to the large amount of downed snags.

0800: Surveyed DG-5 for LBVI, one was heard but not seen. See above.

0845: Crew began pushing further southeast and across the trail into the part of DG-4B at the southern tip of the staging area.

1145: Crew encountered a large Woodrat out during daytime, possibly due to disturbance from restoration efforts. I reminded them not to pull plants rooted in Woodrat middens and pointed out several nearby to avoid.

1225: Crew found a California Kingsnake in their work area, several hundred feet south from the aforementioned area. It was at a risk for being trampled in its area, so I relocated it about 150 feet north in an area of DG-4B which was already cleared.

1430: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

A Stillwater biologist (Maddie Uetrecht) shadowed me today on site until 2 pm. This did not interfere with the daily routine, and all monitoring related activities were performed by me.

Signature





photo\_1-before\_weed\_abatement\_DG-4\_facingSouth.jpg  
-118.17509 34.19174



photo\_2-after\_weed\_abatement\_pre\_pickup\_DG-4\_facingSouth.jpg  
-118.1751 34.19172



photo\_3-before\_weed\_abatement\_DG-4\_facingWest.jpg  
-118.17508 34.19181



photo\_4-after\_weed\_abatement\_DG-4\_facingWest.jpg  
-118.17507 34.19189

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	85 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 17 hand pulling perennial pepperweed and mustard in DG-4 and DG-4A.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

BUSH, CALT, CASJ, LEGO, WREN, RCPA, CATH, RSHA, HOFI, CORA, Desert cottontail, California ground squirrel, SPTO, Western fence lizard, Common side blotched lizard, Coastal whiptail, CAKI.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey.

0655: Cleared crew to work in DG-4/DG-4A along the western border of the 'boulder' field. Area was planted and the undergrowth was thick with perennial pepperweed and mustard.

0800: Several crew members moved into the open area of DG-4A in the boulder field. Some of the pepperweed which had been cleared several months ago had begun resprouting and they removed these individuals by the root.

1130: Crew came back from break, by now they had finished the boulder field and all adjacent planted areas. They moved west into the next clearing (DG-4/DG-4A) and began removing pepperweed and cutting back eucalyptus resprouts. Several SPTO seen in area possibly foraging for insects stirred up by the crew.

1200: 3 crew members went to the east side to repair the silt fence. Briefly monitored their activities and searched for new weed abatement targets nearby.

1230: Resumed monitoring vegetation clearing.

1415: Crew began wrapping up pulling while I inspected the site and chatted with foreman Daniel Holmes about the plan for tomorrow.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_weed\_abatement\_DG-4\_facingWests.jpg  
-118.17516 34.19046



photo\_2-after\_weed\_abatement\_DG-4\_facingWest.jpg  
-118.1752 34.19065



photo\_3-weed\_abatement\_DG-4\_facingWest\_before.jpg  
-118.17487 34.19068



photo\_4-weed\_abatement\_DG-4\_facingWest\_after.jpg  
-118.17486 34.19066

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: August 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	93 °F	4-6 MPH	10 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 17 (regular crew 6; temp crew 7; Orange Co crew 4) hand-pulling on west side of project area, Daniel Holmes foreman. Daniel says 2 additional OC workers are off doing irrigation maintenance.

**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, CATH, ACWO, RCPA, Side-blotched lizard, Western fence lizard, SOSP, HOFI, Coastal whiptail, Alligator lizard, CASJ, ALHU, MOCH, BGGN, House cat carcass (hind foot), RTHA, BUSH

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Crew moves to North West parking lot by coastal sage scrub area (DG-4). I take a quick look for nests and then train Nickolas Rubio for the temp crew. Crews start on upland terrace: mostly Hirschfeldia, with smaller numbers of tocalote, hemlock, pepperweed amongst good cover of Eriogonum fasciculatum, Artemisia californica, horsetweed, tarragon, mule fat, etc. Some large tree tobacco being pulled. Slope is mostly mustard and needs native planting.

0930: Crews heading to East for more DG-4 and getting downslope into DG-W-2 (Mining Pit) and DG-4-WOUS where the plantings are very lush after an irrigation leak earlier in summer. I checked for nests with nothing found although some vocal CALT, SOSP, CASJ popping around. Part of this area was shut down from the BHGR-3 nest, no longer active (Collector updated). Dried out mustard, hemlock, tree tobacco amongst mule fat, willows, mugwort, elderberry, telegraph weed, Isocoma, tarragon, stinging nettle, California rose, Phacelia cicutaria, morning glory, beardless rye, etc. Two workers also at NE of DG-4-Mining-Pit getting hemlock, left over from an earlier bird-nesting buffer. After lunch more of the same.

1400: Orange County crew leaves.

1400: Newer coyote burrow that went unnoticed has a large rattlesnake and marked in collector. Likely same snake observed several weeks ago in rock outcrop to East.

1445: Remaining crew finishes up while I get more pictures, finish log.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4\_hand\_pulling\_facingNorthWesst.jpg  
-118.17351 34.19384



photo\_2-DG-4\_DG-4-WOUS\_hand\_pulling\_facingWest.jpg  
-118.17304 34.19331



photo\_3-DG-4\_DG-4-WOUS\_after\_hand\_pulling\_facingWest.jpg  
-118.17306 34.19334



photo\_4-DG-4-WOUS-hand\_pulling\_facingNorth.jpg  
-118.17315 34.19298

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	70 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	97 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling mustard in DG-4A/DG-4 on the northwest side of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

COHA, RCPA, CORA, CALT, CASJ, SOSP, CAQU, LEGO, RTHA, BGGN, Desert cottontail, Western toad, MODO, HOFI, BEWR, ACWO, Western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: WEAP trained a new restoration crew member.

0655: Monitored vegetation clearing in DG-4A/DG-4. Crew was working through the planted area east of the disc golf/parking area in the north and the coastal sage scrub. Primary targets included mustard, perennial pepperweed and poison hemlock.

0800: 3 crew members were sent to the mining pit to clean up the perennial pepperweed along the edges on the far north end in DG-4.

1200: Swept surrounding areas for birds and potential work areas. Very low bird activity due to heat, which was in the mid 90's.

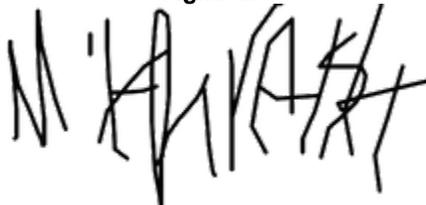
1235: Resumed monitoring vegetation clearing.

1400: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_weed\_abatement\_DG-4\_facingNorth.jpg  
-118.17394 34.1938



photo\_2-after\_weed\_abatement\_DG-4\_facingNorth.jpg  
-118.17386 34.19379



photo\_3-before\_weed\_abatement\_DG-4\_facingNorth.jpg  
-118.17225 34.19356



photo\_4-after\_weed\_abatement\_DG-4\_facingNorth.jpg  
-118.17222 34.19356

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:25	97 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 13 hand pulling mustard, poison hemlock, and perennial pepperweed in DG-4 in the far northwest corner of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

MODO, BEWR, CALT, LEGO, ANHU, BUSH, CASJ, AMCR, BARS, WREN, BGGN, OATI, SOSP, ACWO, Coastal whiptail, Western fence lizard, Common side blotched lizard, Desert cottontail, Neotoma sp., ALHU.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Tailgate meeting with crew regarding working in high heat. Performed a nesting bird survey in DG-4.

0700: Supervised vegetation clearing in DG-4, east of the northwest parking lot/ disc golf area. Crew was still in the planted area from yesterday, with a few crew members flanking the large patch of mulefat working north. A family group of scrub jays was active in the area, one looking like it fledged this year. Possible product of nest CASJ\_1.

0800: Surveyed DG-5 and the nearby Salix woodland for LBVI. None seen or heard.

0830: Resumed monitoring vegetation clearing. 4 crew members went further north to the northernmost planted site in DG-4 and worked their way down towards the other group. Their focus was primarily scattered mustard, with a few horehound seedlings.

1000: Surveyed the remaining areas for nests in DG-4, as the crew was on track to finish the west side. Found several Woodrat middens and a foraging Woodrat. Advised crew to avoid.

1415: Crew began wrapping up for the day and I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_weed\_abatement\_DG-4\_facingEast.jpg  
-118.17208 34.19378



photo\_2-after\_weed\_abatement\_DG-4\_facingEast.jpg  
-118.17206 34.19377



photo\_3-before\_\_weed\_abatement\_DG-4\_facingEast.jpg  
-118.17202 34.19415



photo\_4-after\_weed\_abatement\_DG-4\_facingEast.jpg  
-118.17201 34.19413

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	50 %
<b>End of Day</b>	14:35	86 °F	7-9 MPH	40 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 20 hand pulling various non-natives in DG-W-1, DG-2, DG-2 new channels.

**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, RCPA, CATH, CALT, LEGO, BLPH, AMCR, ACWO, NUWO, NOMO, SPTO, San Diego alligator lizard, ANHU, HOWR, Western fence lizard, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Crew met up on West side, caravanned to east side.

0655: Performed a nesting bird survey in DG-W-1.

0705: Showed crew target weeds in the area and cleared them to work. Area was a mix of native container plants (Salix woodland alliance) reaching 4-6 feet tall, with areas between plants containing lots of Baccharis salicifolia, dried Escholtzia californica and Eriogonum gracile. Non native targets included Marrubium vulgare, Nicotiana glauca, Chenopodium spp, Plantago lanceolata and mustards. Nonnatives were largely restricted to planting basins and along the edges of Baccharis stands, so a lot of the days effort was detail work.

1000: Crew had finished Johnson field and surrounding borders of DG-2 and were moving into DG-2 new channels. Similar composition of plants, with areas of pepperweed growth.

1130: Sent 4 crew members into the clearings in DG-2 beneath the willows to remove Ageratina adenophora and Conium maculatum and remove rodent cages where necessary. Family unit of scrub jays in area, did not seem bothered. Foreman Daniel Holmes traveled to repair a break in the fence line on the far north side.

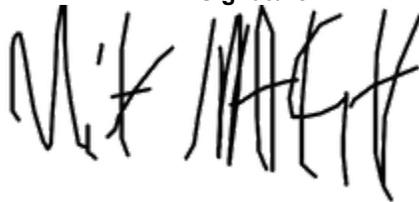
1300: Crew reported finding a large rattlesnake in DG-2. Made sure everyone knew where it was and advised them to avoid it.

1430: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_detail\_work\_DG-W-1\_facingWest.jpg  
-118.17214 34.19176



photo\_2-after\_detail\_work\_DG-W-1\_facingWest.jpg  
-118.17213 34.1918



photo\_3-before\_vegetation\_removal\_DG-2\_facingSouth.jpg  
-118.17181 34.19212



photo\_4-after\_vegetation\_removal\_DG-2\_facingSouth.jpg  
-118.17179 34.19214

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: August 31, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	100 %
<b>End of Day</b>	14:45	73 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 18 hand pulling assorted nonnative plants in DG-2 new channels, DG-2 WOUS, and DG-2.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CATH, ACWO, BUSH, CALT, SPTO, CORA, BEWR, ANHU, CASJ, LEGO, RCPA, AMKE, Western toad, Common side blotched lizard, Southern pacific rattlesnake, Striped racer.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey while the crew started working in DG-2 new channels. Some California Towhees in area, appeared to be foraging for insects where the crew had worked. Primary target was pepperweed, which was being pulled from the root to minimize chances of regrowth. Some scattered Conium maculatum, Marrubium vulgare and Adenophora ageratina in area as well. 4 crew members (Raul's team) we're working along the ESA fencing in one of the clearings. Area was low in nonnative cover, but container plants were being choked out by Ambrosia acanthicarpa, which was removed where necessary.

1000: 2 crew members assigned to walk the site looking for plants that had outgrown the rabbit fencing and remove it. They continued doing this for the whole day.

1210: Found a striped racer (*masticophis lateralis*) in the open near the crew darting between container plants. Appeared stressed, possibly flushed from habitat. To prevent it from either being stepped on or run over (we were near the road), I relocated it to a suitable patch of mulefat where we had already cleared about 300 feet away. Before handling, ID was definitively confirmed (had non-keeled scales and dark spots under jaw) to be certain that it was not a 2-striped garter snake.

1400: A light rain began to fall.

1430: Rain got heavier, crew called it for the day while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_pulling\_DG-2-newchannels\_facingNorth.jpg  
-118.17156 34.19046



photo\_2-after\_vegetation\_pulling\_DG-2-newchannels\_facingNorth.jpg  
-118.17176 34.19024



photo\_3-before\_vegetation\_pulling\_DG-2-newchannels\_facingNorthEast.jpg  
-118.17218 34.18997



photo\_4-after\_vegetation\_pulling\_DG-2-newchannels\_facingNorthEast.jpg  
-118.17218 34.19

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: September 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	98 %
<b>End of Day</b>	15:15	67 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Vegetation clearing in DG2 and DG2 WOUS Hand tools, tarps, rakes 15 total crew members includes: Natures Image main crew, NI Orange County crew and Temp crew, and foreman Daniel and Didier.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, ACWO, OCWA, SOSP, BEWR, RCPA, CATH, CALT, PSFL, MODO, ANHU, LEGO, KILL, BGGN, CORA, COHA, OATI, BUSH, SPTO, CAKI, TUVU

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Bio and crew arrived onsite for a light tailboard with foreman Daniel. Crew weeded on the east side just south and southbound of Johnson Field. Using hand tools and hands crews removed perennial pepperweed, Chenopodium albens, Mullien, pigweed, poison hemlock, sweetclover, Dysphania botrys, mustard. The other NI crew (Orange County) removed similar, however they were instructed previously to also remove plants that were determined to be choking some of the planted willows. These plants included some natives (Solanum sp., western ragweed). During the day the biologist walked around checking piles, answered plant questions, searched for nesting birds.

0730: Biologist also notified crew that some late nesting season birds (ex Mourning Doves) could flush from ground and to notify biologist if they see this happen, because it could be a nest.

1200: Similar activities took place after lunch.

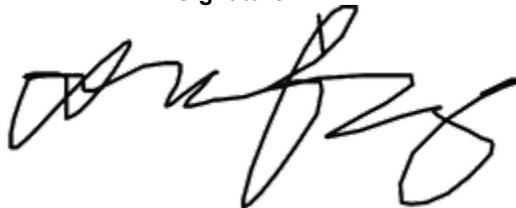
1500: Crew completed work and took tarped plants to the dumpsters. Cleaned trash and left site.

1515: Bio completed this report and left site.

**Additional Comments**

Weather: very light sprinkling for approx 30mins. Noticed that the California Dodder really seems to be literally taking hold of many of the planted mulefats, cottonwoods, and willows and in some cases parasitizing the entire individual. Informed Daniel. Not sure what we can really do in this situation since Dodder is a native and prevention/removal seems too difficult.

**Signature**





**Vegetation\_clear\_during\_facingWest.jpg**  
-118.17222 34.18941



**Cages\_removed\_facingWest.jpg**  
-118.17226 34.18936



**Vegetation\_Removal\_Tarps\_Fence\_during\_facingWestNorthWest.jpg**  
-118.17204 34.18978



**Vegetation\_Clearing\_during\_facingSouth.jpg**  
-118.17308 34.1883

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:15	79 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 18 hand pulling assorted nonnative plants in DG-2, DG-2 WOUS, DG-3A, and DG-3B.

**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, CATH, ANHU, SOSP, WREN, CORA, PEFA, CALT, RCPA, CASJ, SBMU, AMCR, BUSH, BGGN, KILL, Fox squirrel, COHA, ACWO, CLSW, San Diego alligator lizard, California ground squirrel, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey and scoped for weeds in the far southeastern side of the site. Observed PEFA in flight near dam.

0700: WEEP trained a new crew member working for Natures Image.

0710: Monitored vegetation clearing. Assigned 3 crew members to the southern corner of DG-2 near the downed telephone poles who finished the last 2 clearings, which had perennial pepperweed growing in them. 4 crew members (OC crew) were assigned to DG-3A/DG-3B working to remove perennial pepperweed and Chenopodium album on the west side of the haul truck road. All remaining crew members were assigned to the east side of DG-3A, which was mostly scattered Hirschfeldia infestations.

0900: A Yellowjacket hive was found beneath a log on the east side of DG-3A. Nobody was stung, and crew was advised to avoid. Crew was also approaching a large patch of poison oak; crew was reminded to avoid.

1230: 5 crew members assigned to work in DG-2 near the border of DG-2 WOUS/new channels. A small area near the trail was missed containing heavy poison hemlock coverage.

1340: 6 additional crew members pulled into the southernmost tip of DG-3B. Area was being overgrown by perennial pepperweed and they were running out of other things to do on the east side.

1445: Traveled to west side with Foreman Daniel Holmes to inspect the dirt pile flattened by Griffith at the request of Josh and discussed plans to come back to west side the next day.

1500: Crew began wrapping up pulling and I worked on the daily report.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_removal\_DG-2\_facingSouth.jpg  
-118.17291 34.18818



photo\_2-after\_vegetation\_removal\_DG-2\_facingSouth.jpg  
-118.17287 34.18822



photo\_3-before\_vegetation\_removal\_DG-3B\_facingSouth.jpg  
-118.17341 34.18734



photo\_4-after\_vegetation\_removal\_DG-3B\_facingSouth.jpg  
-118.1734 34.18737

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	50 %
<b>End of Day</b>	14:30	88 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 17 hand pulling perennial pepperweed and mustard in DG-4 near the twin boulder region, as well as DG-4C.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, CASJ, SPTO, ACWO, CATH, HOFI, BUSH, SOSP, ALHU, ANHU, Western fence lizard, CAKI, RTHA, COHA, BUSH, LEGO, MODO, BLPH, California ground squirrel.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Surveyed the west side for new work areas and birds while crew worked on microline checks.

0745: Crew began pulling pepperweed in DG-4 on the south end of the boulder field. Area was planted with Salix and Baccharis at a height of about 6 feet. Area also had scattered Plantago lanceolata infestations.

0900: Found a large amount of Eucalyptus seedlings (2-5 in) growing in some of the planting basins. Showed to crew, assigned 3 crew members to work on removing them.

0950: Keyed out a Palo verde tree after discovering several seedlings at the base. Since it was Parkinsonia aculeata (nonnative to all of CA), I assigned a crew member to locate and remove all seedlings.

1200: 4 members of the OC crew broke off to remove mustard that had been missed in DG-4C.

1230: Took the bi-weekly photos of the restoration areas at the request of Margie Pfeffer.

1330: Resumed monitoring vegetation clearing. Informed Daniel Holmes that the silt fence had again failed on the east side and he assigned 2 people to go repair it. They were unable to do so because they needed more stakes (they were run over and snapped), so they plan to complete the repair early on the next workday (10/7).

1415: Crew began wrapping up pulling while I inspected the site and worked on the report.

**Additional Comments**

N/A

**Signature**





photo\_1-Before\_pepperweed\_removal\_DG-4\_facingSouth.jpg  
-118.17525 34.19021



photo\_2-After\_pepperweed\_removal\_DG-4\_facingSouth.jpg  
-118.17519 34.19027



photo\_3-Before\_pepperweed\_removal\_DG-4\_facingSouth.jpg  
-118.17517 34.19018



photo\_4-After\_pepperweed\_removal\_DG-4\_facingSouth.jpg  
-118.17514 34.19016

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	65 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	90 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling perennial pepperweed and assorted nonnatives in DG-4 East of the staging area and south of the boulder 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:**

RCPA, CATH, CALT, CASJ, BEWR, ANHU, CORA, RTHA, Coyote, LEGO, Virginia opossum (tracks), NUWO, OATI, WEBL, MODO, ACWO, SOSP, BUSH, SPTO, WREN, CAQU, DEJU, Desert cottontail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Swept for nesting birds.

0700: Crew began hand pulling mustard and pepperweed in DG-4 east of the staging area. Primary focus was a clearing beneath a Salix grove near the ESA fencing.

0900: Crew moved along ESA fence line south to the planted area south of the boulder region. Area still had some pepperweed resprouts that were missed on Friday.

1130: 4 crew members sent to east side to fix silt fence and turn on irrigation.

1435: Crew began wrapping up while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weed\_abatement\_DG-4\_\_facingEast.jpg**  
-118.1742 34.19133



**photo\_2-after\_weed\_abatement\_DG-4\_\_facingEast.jpg**  
-118.17405 34.19129



photo\_3-crew\_member\_hauling\_tarps\_facingNorthEast.jpg  
-118.17533 34.19251

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: September 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	89 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Nature's Image crew of 7 regular crew and 8 temp workers hand-pulling on west side of project area. Daniel Holmes, 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:**

ANHU, SPTO, CASJ, COHA, BGGN, BEWR, LEGO, HOFI, RCPA, ACWO, NUWO, Western fence lizard, CATH, Coastal whiptail, PSFL, CALT, BLPH, RTHA, Side-blotched lizard. Lots of juvenile lizards (whiptails, fence lizards) at Mining Pit.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Training two new workers, Mark Martinez and Kurtis Jones. Crews getting started in planted area in DG-4 past 'boulders' near construction fence (34.190104°N 118.175309°W vicinity). A lot of the weeds have been picked through fairly well at this point. Patchy pepperweed, lamb's quarters, hemlock, *Dysphania bottys*, etc). They were looking into a chainsaw for some tree of heaven.

1130: After lunch crew moves to DG-W-2 Mining Pit. Didier and Andre leave to check irrigation valves on East side, return at 13:30. Relatively uneventful afternoon pulling pepperweed and hemlock sprouts at Mining Pit, as the big weeds have already been pulled weeks ago.

**Additional Comments**

N/A

**Signature**





**photo\_1\_hand-pulling\_DG-4\_facingEast.jpg**  
-118.17575 34.18983



**photo\_2\_hand-pulling\_DG-W-2\_MiningPit\_facingSouth.jpg**  
-118.17451 34.1931



photo\_3\_hand-pulling\_DG-W-2\_MiningPit\_facingNorth.jpg  
-118.17433 34.19276

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	4-6 MPH	5 %
<b>End of Day</b>	14:30	91 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling perennial pepperweed and mustard in DG-W-1. No labor finders 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:**

LEGO, BEWR, CATH, MODO, RCPA, CALT, ANHU, NUWO, HOFI, OATI, SOSP, NOMO, CASJ, ACWO, RTHA, RSHA, Western fence lizard, Coyote

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Surveyed DG-W-1.

0655: Cleared crew to work in the mining pit. Crew focused efforts on removing pepperweed beneath a now-inactive NUWO nest buffer.

0920: Relocated a western toad.

1000: Crew finished the area within the nest buffer, began moving elsewhere in the mining pit primarily targeting pepperweed. Occasional Ageratina adenophora, very low bird activity.

1415: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_DG-W-1\_handpulling\_facing\_NorthEast.jpg  
-118.17448 34.19326



photo\_2-after\_DG-W-1\_handpulling\_facing\_NorthEast.jpg  
-118.17444 34.19327



photo\_3-crew\_hauling\_tarps\_DG-W-1\_facingWest.jpg  
-118.17411 34.19264

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	72 °F	0-3 MPH	80 %
<b>End of Day</b>	14:15	91 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling perennial pepperweed and cutting tree of heaven in DG-4/DG-4A while the OC crew (5 people) did irrigation work in Johnson field (DG-W-1).

**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, MODO, LEGO, CALT, CAQU, PSFL, NUWO, SPTO, CORA, BGGN, WREN, CASJ, RSHA, RCPA, ACWO, BEWR, ANHU, CATH, RTHA, COHA, SOSP, WEBL, ROPI, HOFI, CAKI, BUSH, AMCR, Western fence lizard, Desert cottontail, Fox squirrel, California ground squirrel, Common side blotched lizard, Coastal whiptail, Western toad

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey in DG-4/DG-4A near the primrose area.

0655: Crew began hand pulling vegetation in the aforementioned area. High bird activity in surrounding trees, a group of LEGO was foraging. OC crew redid irrigation in DG-W-1 to ensure proper flow throughout the area.

0720: A light rain began falling. 4 crew members worked on tree of heaven removal.

0742: Checked DG-5 and surrounding areas for LBVI.

0810: Resumed monitoring vegetation clearing. Relocated a western toad. Crew began moving under tree line removing dried poison hemlock.

1400: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_Ailanthus\_removal\_DG-4A\_facingEast.jpg  
-118.17698 34.19008



photo\_2-after\_Ailanthus\_removal\_DG-4A\_facingEast.jpg  
-118.17688 34.19003



photo\_3-before\_pepperweed\_removal\_DG-4A\_facingSouth.jpg  
-118.17697 34.18984



photo\_4-after\_pepperweed\_removal\_DG-4A\_facingSouth.jpg  
-118.1769 34.18975

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	91 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling perennial pepperweed, mustard and cutting fig trees with a chainsaw in DG-4 at the southern tip of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, LEGO, BEWR, RCPA, BUSH, SOSP, SPTO, ANHU, CATH, OATI, RTHA, CASJ, Fox squirrel, Western fence lizard, Western toad, PEFA,

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Crew caravanned to southern area of west side.

0700: Performed a nesting bird survey in DG-4 at the far southern end of the site.

0710: Crew began hand pulling the planted parts of the aforementioned area. Primary target was pepperweed. Relocated a western toad.

0900: Crew worked on cleanup while I met with Keith Hala to discuss the fence alignment.

0935: Resumed monitoring vegetation clearing. Observed PEFA near dam.

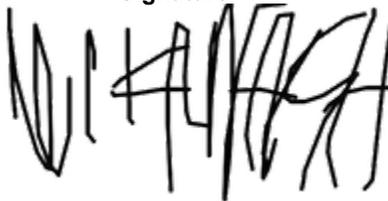
1130: 4 members of the crew began cutting Ficus carica trees with a chainsaw in aforementioned area. By now the rest of the crew was working in an adjacent unplanted area that was skipped due to a Wrentit nest buffer (now inactive).

1420: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pepperweed\_removal\_DG-4\_facingNorth.jpg**  
-118.17702 34.18662



**photo\_2-after\_pepperweed\_removal\_DG-4\_facingNorth.jpg**  
-118.17703 34.18656



photo\_3-before\_pepperweed\_removal\_DG-4\_facingWest.jpg  
-118.17712 34.18674



photo\_4-after\_pepperweed\_removal\_DG-4\_facingWest.jpg  
-118.17714 34.18672

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	0-3 MPH	0 %
<b>End of Day</b>	14:20	86 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling perennial pepperweed and mustard in DG-4 on the far south side of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CORA, ACWO, LEGO, BUSH, CALT, BEWR, OATI, SPTO, DEJU, HOFI, BLPH, NUWO, ANHU, BCHU, WIWA, RCPA, AMCR, CASJ, CAQU, AMKE, Western fence lizard, Desert cottontail.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey.

0655: Cleared crew to work and monitored vegetation clearing efforts. They were working near the southern tip of DG-4, with one crew of 4 working immediately East of the paved road clearing mustard. Rest of crew was working near truck ramp to clear out perennial pepperweed and poison hemlock.

0720: Found an old coyote den, decided that it was inactive due to cobwebs inside and plant growth across opening. Advised crew to avoid standing too near to it to prevent collapse.

0750: Observed Wilson's warbler foraging in oak woodland west of site.

1030: Inspected perimeter trail signage, briefly drove to east side.

1100: Returned to west side.

1130: Crew finished the area near the road, all crew members condensed to working near truck ramp.

1415: Crew began wrapping up pulling while I inspected the site and discussed the plan for the next day with the foreman.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_removal\_DG-4\_facingNorth.jpg  
-118.17756 34.18699



photo\_2-after\_vegetation\_removal\_DG-4\_facingNorth.jpg  
-118.17749 34.18689



photo\_3-before\_vegetation\_removal\_DG-4\_facingNorthWest.jpg  
-118.17684 34.18683



photo\_4-after\_vegetation\_removal\_DG-4\_facingNorthWest.jpg  
-118.17682 34.18686

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: September 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	62 °F	0-3 MPH	30 %
<b>End of Day</b>	14:30	80 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Vegetation clearing in DG4 on the west side, south. Hand tools, tarps, rakes. Nine total crew members includes: Natures Image main crew, temp crew, and supervisors Daniel and Didier.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, ACWO, SOSP, BEWR, RCPA, CALT, MODO, ANHU, LEGO, CORA, COHA, OATI, BUSH, SPTO, CAKI, TUVU, ALHU/RUHU, RSHA, EUST, NUWO, Rattlesnake, SPTO

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Bio and crew arrived onsite for a quick tailboard with foreman Daniel and Didier. Crew weeded on the west side and south of using hand tools and hands crews removed perennial pepperweed, Chenopodium albans, Mullien, pigweed, poison hemlock, sweetclover, Dysphania botrys, mustard, Virginia creeper, and Tibetan.

0800: Insured crew was removing the correct plants-Bio checked through removed vegetation periodically throughout the day.

1040: Biologist escorted excavator across the wash to the east side, outside of the projects disturbance limits.

1200 Similar activities took place after lunch.

1250: Bio relocated a rattlesnake from an irrigation box and into a surrounding patch of mulefat.

1430: Bio completed this report, walked around, and picked up trash and left site. The crew spent the rest of the day cleaning up and tarping.

**Additional Comments**

Signature





**Vegetation\_clearing\_during\_facingNorth.jpg**  
-118.1768 34.18724



**Vegetation\_removal\_after\_facingWest.jpg**  
-118.17734 34.18751



**Vegetation\_clearing\_after\_facingEast.jpg**  
-118.1776 34.18705

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	15:05	77 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 20. 4 were part of the fencing crew, who was working on the east side near the staging area. 16 working in DG-4/DG-4 drainage on the south side of the site.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

WREN, CALT, NUWO, SOSP, BEWR, Coyote, WCSP, KILL, LEGO, CASJ, CATH, SPTO, OATI, OCWA, BUSH, SAPH, PHAI, ACWO, Western fence lizard, California ground squirrel, CAQU, ANHU, WEBL, BGGN, RTHA, RCPA, PSFL, TUVU, HOWR, MODO, RSHA, Common side blotched lizard, Mule deer, ALHU.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: WEEP trained a new labor finders' employee.

0700: Monitored vegetation clearing in DG-4 and DG-4 drainage. Crew worked along the eastern edge of DG-4 near the truck ramp pulling pepperweed and into the drainage, which was infested with pepperweed and Virginia creeper.

0900: Went to east side and surveyed the area where fencing was to be installed, marked dots with foreman Daniel Holmes.

1000: Resumed monitoring vegetation clearing. Crew was progressing further north through the drainage channel.

1030: Surveyed areas north of crew in anticipation of them heading there.

1200: Observed mule deer crossing the basin heading towards Altadena drain.

1400: Crew began wrapping up pulling. Went to east side to take bi-weekly photo points of the restoration areas. Checked in with fencing crew; they installed 14 posts.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pulling\_DG-4\_drainage\_facingWest.jpg**  
-118.1769486666668 34.1880193333333



**photo\_2-after\_pulling\_DG-4\_drainage\_facingWest.jpg**  
-118.1770414722223 34.1879519111111



**photo\_3-before\_pulling\_DG-4\_drainage\_facingWest.jpg**  
-118.1771317222223 34.18797440277776



**photo\_4-after\_pulling\_DG-4\_drainage\_facingWest.jpg**  
-118.1771469444444 34.18802769444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	15:15	76 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling Virginia creeper, perennial pepperweed in DG-4/dg-4 drainage and digging a trench in DG-4 sheetflow, crew of 4 working on fencing on the east side.

**Did you observe any special-status species?**  Yes  No

Yellow warbler

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

WREN, RCPA, CASJ, LEGO, CATH, CALT, AMCR, NUWO, ACWO, ANHU, MODO, SPTO, CORA, HOFI, EUST, RSHA, WBNU, DEJU, ALHU, GRSP, YEWA, OATI, BGGN, BEWR, WIWA, BUSH, SOSP, KILL, BLPH, BTPI, WETA, ATFL, DOWO, HOWR, WCSP, WEBL, YRWA, SASP, SBMU, COHA, AMKE, NOMO, BUOR, ROPI, RTHA, STJA, CAKI, TUVU, CAQU, Western fence lizard, Common side blotched lizard, California ground squirrel, Fox squirrel, Desert cottontail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Performed a nesting bird survey. YEWA heard in oak woodland west of site.

0700: Monitored vegetation clearing in DG-4/DG-4 drainage, primarily focused on Virginia creeper. Very high avian species richness for site.

0830: Observed 2 male Wilson's warblers in the oak woodland west of the soccer field.

0845: Crew of 4 began digging a trench to connect DG-4 drainage to DG-W-2 mining pit outlet. Monitored these activities.

0950: Weeding crew finished work in their area. They joined the trench digging crew.

1000: Went to east side to monitor fence installation. Set up pin flags at exact location of posts. 4 crew members who were digging went to the east side to repair the irrigation in Johnson field.

1130: After break, went back to west side. Monitored digging.

1345: Irrigation crew finished and joined digging crew.

1400: Crew was approaching the part of the required trench which was covered in logs and twigs. Noted a Woodrat midden near path of trench. Unsure if active, but advised crew to avoid. Monitored use of a chainsaw by foreman Didier Ramos. Crew had to move a lot of logs, checked all for herps. None observed.

1500: Crew finished up trench digging and I inspected the area.

**Additional Comments**

Signature





photo\_1-DG-4\_sheetflow\_trench\_facingNorth.jpg  
-118.1758326 34.19105670833333



photo\_2-DG-4\_sheetflow\_trench\_facingSouth.jpg  
-118.17590566666667 34.19114083333333



**photo\_3-before\_vegetation\_clearing\_DG-4\_drainage\_facingSouth.jpg**  
-118.17720788888889 34.188331963888885



**photo\_4-after\_vegetation\_clearing\_DG-4\_drainage\_facingSouth.jpg**  
-118.17719766666667 34.18830623333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	85 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures image crew of 13 hand pulling perennial pepperweed and poison hemlock in DG-4 near the center of the west side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

ACWO, CALT, CASJ, NUWO, AMCR, BEWR, LEGO, HOFI, ANHU, WREN, SOSP, WEBL, OATI, MODO, DEJU, EUST, BUSH, CAQU, CATH, WCSP, ROPI, RSHA, California ground squirrel, Western fence lizard, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Had a tailgate meeting, discussed removing Cuscuta from container plants and picking up garbage at EOD.

Surveyed work area while crew brought tools over etc.

0700: Monitored vegetation clearing in DG-4 and DG-4 drainage near the sheetflow area. Areas still had pepperweed and poison hemlock which had not dropped seed. Area was a Salix woodland alliance.

0845: Surveyed surrounding areas to north for potential work, looked for Cuscuta in phase 2 areas.

1130: Crew continued, by now they were nearing the western edge of DG-4 where the transient LBVI had been sighted in august.

1415: Crew began tarping up while I inspected the site and picked up garbage.

**Additional Comments**

N/A

**Signature**





**photo\_1-before\_vegetation\_removal\_DG-4\_facingSouthEast.jpg**  
-118.17568163888889 34.19103777777777



**photo\_2-after\_vegetation\_removal\_DG-4\_facingSouthEast.jpg**  
-118.17572515555555 34.19100563888889



photo\_3-hauling\_efforts\_facingNorthEast.jpg  
-118.1761977055557 34.19075358333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	99 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling scattered mustard and removing *Cuscuta* sp. infestations on container plants in DG-W-2 mining pit outlet and DG-4. 4 were on east side working on fencing.

**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, CAKI, NUWO, ANHU, CALT, RCPA, AMCR, MODO, ACWO, LEGO, CASJ, WREN, CAQU, RCSP, DEJU, COHA, WBNU, SOSP, YRWA, BUSH, PHAI, California ground squirrel, Western fence lizard, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Tailgate meeting about the days work and how to deal with *Cuscuta*. Showed crew where the primary infestation was.

0700: Crew of 14 began removing *Cuscuta* from container plants in DG-W-2 mining pit outlet and an adjacent section of DG-4. Crew removed as many tendrils and flowers as was possible, all while transferring them immediately to plastic bags to minimize spread in planted areas.

1000: Crew of 4 went to east side to work on fencing. Most of the day was spent installing and tightening wire.

1200: Temperature approaching 100, low bird activity. Reminded crew to take frequent water breaks.

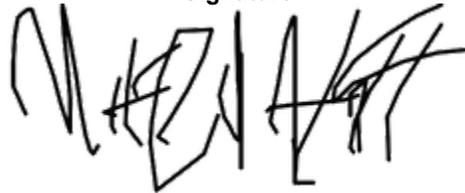
1300: Went to east side to survey future work areas and check fencing progress.

1420: Crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1\_before\_removing\_cuscuta\_facingSouth.jpg**  
-118.17478402777778 34.191927602777774



**photo\_2\_after\_removing\_cuscuta\_facingSouth.jpg**  
-118.17476491666667 34.191927138888886



**photo\_3\_before\_removing\_cuscuta\_facingEast.jpg**  
-118.17444361111112 34.19145016666666



**photo\_4-after\_removing\_cuscuta\_facingEast.jpg**  
-118.17445705555556 34.191451297222216

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: September 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	96 °F	4-6 MPH	5 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 (9 temp, 5 perm) hand-pulling on west side, Daniel Holmes 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, BUSH, RCPA, CASJ, California ground squirrel, Carpenter bees at Solanum flowers, NUWO, ACWO, CATH, Botta pocket gopher digging under planted willow, PHAI, OATI, Woodrat middens, Side-blotched lizard, Western fence lizard, SOSP, Eastern fox squirrel, Coastal whiptail

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Crew gears up and heads to DG-W-2 (Mining Pit Outlet) to get pepperweed sprouts amongst plantings. Native species here are basically limited to irrigation rings so here is a lot of bare soil and the work is quite dusty.

0900: About half the crew is done at the South end of outlet and are moving into DG-4 Sheetflow to get more pepperweed and remnant hemlock around the mule fat edges. Recently cut tree of heaven stumps are already vigorously resprouting - it's going to be tough to eradicate those without herbicide.

0940: Some of these workers are moving further south into DG-4. After lunch most of crew heads back to DG-W-2 (Mining Pit) to reinforce berms (water rings) around plants and to pull any weeds. Weeds are mostly pepperweed sprouts. I'm in the process of clearing any nearby inactive nest buffers in Collector. Meanwhile several crew members away doing maintenance on east side, and Daniel is out buying supplies for planned fence around reservoir. Very hot day, frequent breaks. I've surveyed this area and there are no significant weeds or nesting, etc, so I leave at 2:30.

**Additional Comments**

N/A

**Signature**




photo\_1-hand-pulling\_DG-W-2\_Mining\_Pit\_Outlet\_facingNorth.jpg  
-118.1746816388889 34.1925043055555



photo\_2-hand-pulling\_DG-4\_Sheetflow\_facingSouth.jpg  
-118.1756176388889 34.19134525



photo\_3-berms\_and\_hand-pulling\_DG-W-2\_Mining\_Pit\_facingNorth.jpg  
-118.1743956388889 34.1930870166667

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	67 °F	0-3 MPH	0 %
End of Day	14:35	84 °F	4-6 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling mustard and poison hemlock in DG-4, fixing berms in DG-W-2 mining pit, and working on fencing on the east side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CALT, BUSH, OATI, HOFI, LEGO, RCPA, AMCR, CORA, NUWO, ACWO, CATH, CASJ, BEWR, WCSP, MODO, MOCH, COHA, WEBL, EUST, SAPH, BHCO, DEJU, RTHA, CAQU, BGGN, TUVU, GRRO, Southern pacific rattlesnake, California ground squirrel, Western fence lizard, Common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Held tailgate meeting about days work.

0655: Monitored crew fixing container plant berms in DG-W-2 mining pit. Many were flattened or otherwise ineffective due to the soft soil in the area.

0845: Found a juvenile southern pacific rattlesnake under an irrigation switch. Advised crew to avoid. It moved into a mulefat on its own, no relocation necessary. Surveyed area of DG-4 east of mining pit.

0900: Crew finished up with berms, moved on to veg clearing in DG-4 east of the mining pit.

0930: Noted smoke coming over from near Mt. Wilson, AQI was still 25. Monitored periodically throughout the day.

1000: Crew of 5 caravanned to east side to install fencing. Traveled with them and surveyed the area they planned to work in.

1030: Resumed monitoring vegetation clearing in DG-4.

1420: Went to east side to take photo of fencing progress.

**Additional Comments**

AQI was monitored throughout day, it never went above 36.

Signature





**photo\_1-repaired\_berm\_facingNorth.jpg**  
-118.17444400833334 34.19321433333333



**photo\_2-before\_clearing\_vegetation\_DG-4\_facingWest.jpg**  
-118.17362366666667 34.19230697222222



photo\_3-after\_clearing\_vegetation\_DG-4\_facingWest.jpg  
-118.17386338888889 34.19232213888888



photo\_4-progress\_on\_fencing\_facingSouth.jpg  
-118.17318484166667 34.18673925833333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	82 °F	0-3 MPH	0 %
End of Day	14:05	82 °F	7-9 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 11 hand pulling poison hemlock in DG-4 on the northwest side of the site. 6 of these were also working on fencing on the east side for part of the day.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RCPA, BEWR, CALT, CASJ, Coyote, CAKI, AMCR, BGGN, LEGO, ALHU, SOS, ACWO, CATH, CORA, CAQU, WCSP, PUFI, RTHA, COHA, Southern pacific rattlesnake, California ground squirrel, Western fence lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Had a tailgate meeting with the crew about AQI, which was being monitored for the rest of the day periodically. At start of day it was around 50.

0655: Moved the crew to DG-4 slightly northeast of the staging area, monitored vegetation clearing. Area was a mulefat grove overgrown with 2 years worth of poison hemlock that appeared to have never been pulled. Hemlock from this year had not dropped seed.

0700: Crew of 4 started setting up on the east side to do fencing.

0845: 2 more weeding crew members were sent to east side to help with fencing.

1000: Monitored use of an excavator on the east side, briefly surveyed fencing areas.

1030: Resumed monitoring vegetation clearing. By now, there was no visible smoke in the air and AQI was still at 50.

1200: 3 members of the weeding crew had to leave early, so the weeding crew switched to pickup earlier than usual. Inspected the site and took photos.

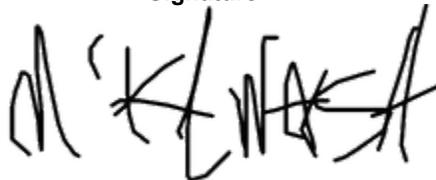
1230: Went to east side to monitor fencing installation. Terrain was very rocky.

1400: Crew stopped digging and switched to backfilling holes. They placed 14 new fence posts by end of day.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pulling\_Conium\_DG-4\_facingEast.jpg**  
-118.1734976777779 34.1922235555555



**photo\_2-after\_pulling\_Conium\_DG-4\_facingEast.jpg**  
-118.17348948611112 34.19222793611111



**photo\_3-before\_pulling\_Conium\_DG-4\_facingNorth.jpg**  
-118.17350958333334 34.19232126111111



**photo\_4-after\_pulling\_Conium\_DG-4\_facingNorth.jpg**  
-118.17341631944446 34.19235755555555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	0-3 MPH	100 %
<b>End of Day</b>	14:30	64 °F	0-3 MPH	100 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling mustard and poison hemlock in DG-4 east of the mining pit. Crew of 6 working on fencing on the east side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

RCPA, WREN, CASJ, CATH, CAQU, NUWO, ACWO, CALT, WCSP, BUSH, BGGN, COHA, MODO, RSHA, Coyote, CORA.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: WEEP trained a new employee.

0700: Monitored vegetation clearing east of the mining pit. Area was a Salix woodland flanked with Baccharis salicifolia. Some Ribes aureum and very sparse Toxicodendron diversilobum in area, otherwise all clearings were overgrown with poison hemlock and mustard. Nonnative species had not been cleared in several years; this year's growth was dried but had not dropped seed. Told crew members to pile directly onto tarps to minimize seed spread. Overcast, minimal bird activity.

0900: Briefly surveyed the last remaining section on the east side for fencing crew.

0915: Resumed monitoring vegetation clearing.

1100: Had a brief conversation with county agricultural commission about the location of possible bark beetles.

1400: Crew began wrapping up pulling while I inspected the site for trash etc.

0215: Went to east side to photograph daily fencing progress.

**Additional Comments**

N/A

Signature





**photo\_1-before\_Conium\_removal\_DG-4\_facingSouthEast.jpg**  
-118.17328136111112 34.192358266666666



**photo\_2-after\_Conium\_removal\_DG-4\_facingSouthEast.jpg**  
-118.17330203611111 34.19233036111111



photo\_3-crew\_working\_on\_fencing\_facingNorth.jpg  
-118.1734769722223 34.1859755666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	100 %
End of Day	15:00	70 °F	7-9 MPH	90 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 hand pulling mustard and poison hemlock in in DG-4, DG-4 WOUS, and DG-4 WOUS connections. Crew of 4 from Orange County working on irrigation. Crew of 6 working on fencing installation on the east side.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

LEGO, NUWO, CASJ, RCPA, CALT, CATH, AMCR, CORA, HOFI, WCSP, CAQU, WREN, CAKI, MODO, BGGN, Desert cottontail, KILL, American black bear (tracks), RTHA, NOMO, unknown gull.

**Did You Observe any Non-Compliance Issues?**  Yes  No

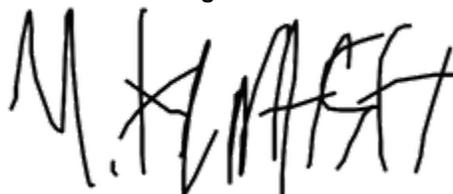
**Log Entry**

0645: Surveyed work area while crew grabbed tools etc. the Orange County Natures image crew was working on irrigation, and the fencing crew was on the east side running wire through fence posts and cleaning up the area.  
0700: Talked to weeding crew about leaving water bottles on site. Monitored vegetation clearing east of the mining pit. Primary focus was along the sides of the trail which runs North/south through DG-4 WOUS connection, which was overgrown with mustard and poison hemlock.  
0715: A member of the Orange County crew informed me that an American black bear had been seen in the mining pit headed south at 0645. I was able to verify this claim by examining the footprints. Individual possibly young due to small footprint size, but age class unknown. Since this was not too far from where the crews are working, I immediately gathered all crew members and informed them. We had a brief tailgate regarding bear safety.  
0800: Irrigation crew and weeding crew were merged, they worked on vegetation clearing together. Surveyed all nearby areas for the black bear to ensure it was not a danger to the crew members while monitoring the restoration crew on and off. No new sign was detected, trail was lost just east of DG-4B heading NW towards the perimeter trail.  
1400: Crew began wrapping up pulling while I inspected the site and ceased surveying for the bear. Given the level of effort applied to surveying and the lack of new sign discovery, I find it highly unlikely that the black bear is still anywhere near the crew at this point.  
1420: Had a more in-depth tailgate meeting with the whole crew about bear safety measures using talking points passed down from CDFW via Kieth Hala. Took inventory on fence posts.

**Additional Comments**

N/A

Signature





**photo\_1-before\_invasive\_removal\_trail\_DG-4\_WOUS\_facingNorth.jpg**  
-118.1736428888889 34.19202925



**photo\_2-after\_invasive\_removal\_trail\_DG-4\_WOUS\_facingNorth.jpg**  
-118.1737317777779 34.1920593055555



photo\_3-bear\_track\_DG-W-2\_facingNorth.jpg  
-118.1745016388889 34.192763111111105

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: September 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	0-3 MPH	75 %
<b>End of Day</b>	15:15	75 °F	4-6 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Vegetation clearing in DG4 and DG-4A on the west side (northern) Hand tools, tarps, rakes Fourteen total crew members includes: Natures Image main crew, temp crew, Riverside Co NI crew, and supervisors Daniel and Didier.

**Did you observe any special-status species?**  Yes  No

**Were any least Bell's Vireo detected?**  Yes  No

**List of species observed while monitoring:**

CASJ, ACWO, SOSP, BEWR, RCPA, CALT, MODO, ANHU, CORA, COHA, OATI, BUSH, SPTO, TUVU, ALHU/RUHU, EUST, Coyote, GRRO (scat only), DOWO, Tiger Whiptail, YRWA, PSFL, WCSP, BGGN, NUWO, CAKI

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Bio and crew arrived onsite for a quick tailboard with foreman Daniel and Didier. Crew weeded on the west side DG4 and DG4A using hand tools and hands crews removed mostly dead poison hemlock.

0730: Spoke to a couple of relatively new people to the project about not removing woodrat middens/houses-keeping these intact.

1200: Similar activities took place after lunch.

1515: Bio completed this report, walked around, and picked up trash and left site. The crew spent the rest of the day cleaning up and tarping.

**Additional Comments**

Spoke to a Surveyor from the Los Angeles County Agriculture Commission. Notified Supervisor Margie

**Signature**

A large black rectangular redaction box covers the signature area.



**Vegetation\_clearing\_during\_facingNorthWest.jpg**  
-118.17301388888889 34.19319916666666



**VegetationClear\_before\_facingNorthWest.jpg**  
-118.17223351666667 34.193118999999996



**VegetationClear\_during\_facingNorthWest.jpg**  
-118.17222048611112 34.19313558333333



**Vegetation\_clear\_after\_facingNorthWeset.jpg**  
-118.17224706388889 34.19316455555555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: September 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	53 °F	0-3 MPH	0 %
<b>End of Day</b>	15:10	90 °F	0-3 MPH	0 %

**What Type of Monitoring is Being Conducted?**

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 14 hand pulling poison hemlock and mustard in DG-4 WOUS, DG-4; crew of 2 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:**

BUSH, LEGO, AMCR, CASJ, WTSW, ANHU, CAQU, CATH, coyote, COHA, COYE, WREN, NUWO, WCSP, ACWO, MODO, CORA, BGGN, BEWR, common side blotched lizard.

**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

0645: Surveyed work area.

0700: monitored vegetation clearing in DG-4 WOUS and DG-4. Work area was a Salix woodland flanked by mulefat, with open areas overgrown by poison hemlock.

0715: Found a coyote den in DG-4 near the northern parking lot which I am considering active. 5 coyotes entered a shrub and did not come out. Upon closer inspection, there was a hole and a fresh pile of dirt. All relevant details put into collector and crew was advised to avoid by 30 feet to prevent burrow collapse, although they were much farther away than that.

0945: 2 crew members were assigned to remove the snake fencing on the east side.

1130: Crew was making their way to the south side of the nearby horse trail into the southern half of DG-4 WOUS.

1400: Crew began wrapping up pulling while I took the bi-weekly photo points of the site. Inspected snake fence removal; which is incomplete but progressing.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_pulling\_DG-4\_WOUS\_facingNorth.jpg  
-118.17355131666667 34.19183361111111



photo\_2-after\_pulling\_DG-4\_WOUS\_facingNorth.jpg  
-118.17352487222223 34.19182596111111



photo\_3-before\_pulling\_DG-4\_WOUS\_facingNorth.jpg  
-118.1738440277778 34.19193999999995



photo\_4-after\_pulling\_DG-4\_WOUS\_facingNorth.jpg  
-118.1738365638889 34.19195576388885