

# **Devil's Gate Reservoir Restoration Project Second Quarter Compliance Report Activities Occurring Between April 2021 and June 2021**

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**CONTENTS**

1.0 INTRODUCTION ..... 1  
    1.1 Purpose ..... 1  
2.0 COVERED ACTIVITIES ..... 1  
    2.1 Preconstruction Surveys ..... 1  
    2.2 Breeding Season Surveys ..... 2  
    2.3 Biological Monitoring ..... 3  
    2.4 Project Activities ..... 5  
    2.5 Habitat Restoration Activities ..... 5  
3.0 SATISFACTION OF ITP CONDITIONS ..... 6  
4.0 MITIGATION MONITORING AND REPORTING PROGRAM ..... 7

**LIST OF TABLES**

Table 1. Preconstruction Least Bell's Vireo Survey Dates and Personnel ..... 2  
Table 2. Second Quarter 2021 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel ..... 2  
Table 3. Monitors Onsite During Work Days ..... 3  
Table 4. Devil's Gate Mitigation Monitoring and Reporting Program ..... 8

**LIST OF APPENDICES**

- 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

## 1.0 INTRODUCTION

### 1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the second quarter of 2021 (April through June). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

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

This is the eleventh report (Quarterly Compliance Report Number 11) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between April 1 and June 30, 2021.

## 2.0 COVERED ACTIVITIES

### 2.1 Preconstruction Surveys

Per Condition 7.3.2 of the ITP, "The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

Per Conservation Measure 11a of the USFWS Informal Section 7 Consultation "Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

Preconstruction surveys for least Bell's vireo started 30 days prior to the anticipated start of ground-disturbing construction activities to prepare the site for sediment removal, which was scheduled to occur on March 31, 2021. Surveys continued weekly, with three surveys occurring during the week prior to the initiation of activities (and the final survey occurring 24 hours before). Due to iterations of postponement of the official start date of Project activities, a total of 9 preconstruction least Bell's vireo surveys were

conducted between March 01 and April 18, 2021. Table 1 shows the preconstruction least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

<b>Table 1. Preconstruction Least Bell's Vireo Survey Dates and Personnel.</b>	
Date	Designated Biologist
<b>First Quarter 2021</b>	
03/01/21	Christine Tischer
03/08/21	Christine Tischer
03/18/21	Christine Tischer
03/26/21	Christine Tischer
03/29/21	Lauren Simpson
<b>Second Quarter 2021</b>	
04/08/21	Shannan Shaffer
04/14/21	Christine Tischer
04/17/21	Jill Coumoutso
04/18/21	Jill Coumoutso

No least Bell's vireos were observed or detected during the preconstruction surveys during the second quarter of 2021. The preconstruction least Bell's vireo survey report is included in Appendix A.

Preconstruction surveys for nesting birds were conducted in accordance with the Nesting Bird Management Plan prepared for the Project. All conditions in the Nesting Bird Management Plan were adhered to during the second quarter of 2021 and active bird nests on the Project site were protected by no-work buffers enforced by Designated Biologists daily.

## 2.2 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, 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."

After the completion of the preconstruction surveys, twice-weekly focused surveys began and continued through the end of the second quarter 2021 reporting period and into the third quarter. A total of 21 focused breeding season least Bell's vireo surveys were conducted by Designated Biologists approved by CDFW and USFWS during the second quarter of 2021. Table 2 shows the twice-weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

<b>Table 2. Second Quarter 2021 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.</b>	
Date	Designated Biologist
04/21/21	Jill Coumoutso
04/23/21	Jill Coumoutso

<b>Date</b>	<b>Designated Biologist</b>
04/28/21	Christine Tischer
04/30/21	Jill Coumoutso
05/04/21	Christine Tischer
05/07/21	Jill Coumoutso
05/11/21	Jill Coumoutso
05/14/21	Jill Coumoutso
05/18/21	Christine Tischer
05/21/21	Shannan Shaffer
05/25/21	Trevin Braun
05/28/21	Shannan Shaffer
06/01/21	Shannan Shaffer
06/04/21	Shannan Shaffer
06/08/21	Shannan Shaffer
06/11/21	Shannan Shaffer
06/15/21	Christine Tischer
06/18/21	Christine Tischer
06/22/21	Shannan Shaffer
06/25/21	Christine Tischer
06/29/21	Christine Tischer

No least Bell's vireos were observed or detected during the focused breeding season surveys during the second quarter of 2021. The least Bell's vireo breeding season survey reports for April, May, and June 2021 are included in Appendix B.

### 2.3 Biological Monitoring

Per Condition 6.6 in the ITP, "The Designated Biologist shall be on site daily when Covered Activities occur and when Covered Species are present, and weekly when Covered Species have potential to be present."

Per Condition 2.10a of the Streambed Alteration Agreement "...the Permittee shall have the Designated Biologist on site daily when protected species may be present to ensure that no impacts occur to protected species that are not authorized"

Construction related activities (including site preparation for sediment removal or sediment removal activities) began on April 19, 2021. As such, construction monitoring began on April 19, 2021 and no construction monitoring or inspections took place prior to this date during the second quarter. Daily monitoring by a Designated Biologist occurred when ground-disturbing activities were taking place at the Project site during the nesting bird season. Daily monitoring of restoration activities was ongoing during the second quarter. Table 3 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>
04/01/21	<b>No Construction Monitoring Occurred Prior to the Construction Activities Start Date of April 19, 2021.</b>	Amy Plesetz, Michael Walsh
04/02/21		Michael Walsh
04/05/21		Scott Werner, Michael Walsh
04/06/21		Scott Werner, Michael Walsh
04/07/21		Michael Walsh, Amy Plesetz

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

**Table 3. Monitors Onsite During Work Days.**

Date	Construction Monitors	Restoration Monitors
04/08/21		Amy Plesetz, Michael Walsh
04/09/21		Michael Walsh
04/12/21		Scott Werner, Michael Walsh
04/13/21		Scott Werner, Michael Walsh
04/14/21		Michael Walsh, Amy Plesetz
04/15/21		Michael Walsh, Amy Plesetz
04/16/21		Michael Walsh
04/19/21*	Lauren Simpson*, Max Murray	Amy Plesetz, Michael Walsh
04/20/21	Max Murray	Amy Plesetz, Michael Walsh
04/21/21	Max Murray	Scott Werner, Michael Walsh
04/22/21	Max Murray	Michael Walsh
04/23/21	Jill Coumoutso*, Carley Lancaster	No monitoring required
04/26/21	Lauren Simpson*, Max Murray	Scott Werner, Michael Walsh
04/27/21	Adam Schroeder, Max Murray	Amy Plesetz, Michael Walsh
04/28/21	Adam Schroeder, Max Murray	Scott Werner, Michael Walsh
04/29/21	Adam Schroeder, Alden Lovaas	Margie Pfeffer, Michael Walsh
04/30/21	Adam Schroeder, Christine Tischer*	Margie Pfeffer, Michael Walsh
05/03/21	Jill Coumoutso*	Scott Werner, Michael Walsh
05/04/21	Jessie Dubus	Scott Werner, Michael Walsh
05/05/21	Jessie Dubus	Scott Werner, Michael Walsh
05/06/21	Jill Coumoutso*	Michael Walsh, Margie Pfeffer
05/07/21	Adam Schroeder	Michael Walsh
05/10/21	Jill Coumoutso*	Michael Walsh
05/11/21	Jessie Dubus	Michael Walsh
05/12/21	Brian Zitt	Scott Werner
05/13/21	Jessie Dubus	Michael Walsh
05/14/21	Max Murray	Michael Walsh
05/17/21	Jill Coumoutso*	Margie Pfeffer
05/18/21	Max Murray	Margie Pfeffer
05/19/21	Max Murray	Scott Werner
05/20/21	Taylor Dee*	Margie Pfeffer
05/21/21	Max Murray	Margie Pfeffer
05/24/21	Adam Schroeder	Michael Walsh
05/25/21	Adam Schroeder	Michael Walsh
05/26/21	Trevin Braun*	Scott Werner
05/27/21	Trevin Braun*	Michael Walsh
05/28/21	Max Murray	Michael Walsh
05/31/21	Memorial Day	
06/01/21	Adam Schroeder	Michael Walsh
06/02/21	Adam Schroeder	Scott Werner
06/03/21	Max Murray	Michael Walsh
06/04/21	Max Murray	Michael Walsh
06/07/21	Jill Coumoutso*	Michael Walsh
06/08/21	Verity Richardson	Michael Walsh
06/09/21	Verity Richardson	Scott Werner
06/10/21	Verity Richardson	Michael Walsh
06/11/21	Verity Richardson	Michael Walsh
06/14/21	Trevin Braun*	Michael Walsh
06/15/21	Trevin Braun*	Michael Walsh
06/16/21	Trevin Braun*	Scott Werner
06/17/21	Trevin Braun*	Michael Walsh
06/18/21	Trevin Braun*	Michael Walsh
06/21/21	Max Murray	Michael Walsh

**Table 3. Monitors Onsite During Work Days.**

Date	Construction Monitors	Restoration Monitors
06/22/21	Verity Richardson	Michael Walsh
06/23/21	Verity Richardson	Scott Werner
06/24/21	Adam Schroeder	Michael Walsh
06/25/21	Adam Schroeder	Michael Walsh
06/28/21	Verity Richardson	Michael Walsh
06/29/21	Adam Schroeder	Michael Walsh
06/30/21	Verity Richardson	Scott Werner

\* = First Day of Sediment Removal Hauling Related Activities

\* = LBVI approved biologist

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

## 2.4 Project Activities

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

- Project activities began on April 19, 2021 and continued through June 30, 2021.
- The Project site was prepared for resuming sediment removal activities. A scale house and haul truck weighing stations were installed within the reservoir.
- Small areas of emergent vegetation were cleared using skip loaders, backhoes, and bulldozers in preparation for hauling activities. All areas were surveyed for nesting bird activity prior to removal and all vegetation removal was within the Project boundaries and monitored by the Designated Biologist onsite.
- Emergent vegetation was removed along the Environmentally Sensitive Area (ESA) fence line and the ESA fence was installed around the perimeter of the Project site boundaries.
- Sediment removal hauling activities began on May 17, 2021.
- Sediment removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators.

Construction monitoring logs for this quarter detailing daily activities are included in Appendix C.

## 2.5 Habitat Restoration Activities

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

- Restoration activities continued from April 1, 2021 through June 30, 2021.
- Low-growing non-native plants including tree of heaven (*Ailanthus altissima*), pigweed (*Amaranthus* sp.), stinking chamomile (*Anthemis cotul*), black mustard (*Brassica nigra*), brome grasses (*Bromus* sp.), hairy bittercress (*Cardamine hirsuta*), Italian thistle (*Carduus pycnocephalus*), tocalote (*Centaurea melitensis*), goosefoot (*Chenopodium album*), nettle leaf goosefoot (*Chenopodium murale*), poison hemlock (*Conium maculatum*), Mexican tea (*Dysphania ambrosioides*), Jerusalem oak goosefoot (*Dysphania botrys*), red-stemmed filaree (*Erodium*

*cicutarium*), Rattail sixweeks grass (*Festuca myuros*), daisy (*Glebionis* sp.), short podded mustard (*Hirschfeldia incana*), barley (*Hordeum* sp.), lesser swine cress (*Lepidium didymium*), perennial pepperweed (*Lepidium latifolium*), horehound (*Marrubium vulgare*), burclover (*Medicago* sp.), yellow sweetclover (*Melilotus indicus*), tree tobacco (*Nicotiana glauca*), castor bean (*Ricinus communis*), curly dock (*Rumex crispus*), corn spurry (*Spergula arvensis*), and wild radish (*Raphanus sativus*) were removed from the DG-W-1 (Johnson Field), DG-W-2, DG-W-2 Mining Pit, DG-W-2 Mining Pit Outlet, DG-2 New Channels, DG-2 WOUS, DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4-Sheetflow, and DG-5 onsite restoration areas by hand pulling and using small hand tools, shovels, weed whips, hula hoes, and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.

- Irrigation systems were installed in DG-W-2, DG-W-2 Mining Pit, DG-W-2 Mining Pit Outlet in preparation for the installation of container plants.
- Container plants were installed in DG-W-2, DG-W-2 Mining Pit, DG-W-2 Mining Pit Outlet in accordance with the final Habitat Restoration Plan for the Project. Holes for container plants were hand-dug or dug using a mini-excavator auger attachment. Container plants installed included the following species: California mugwort (*Artemisia douglasiana*), coyote brush (*Baccharis pilularis*), mulefat (*Baccharis salicifolia*), Fremont's cottonwood (*Populus fremontii*), black willow (*Salix gooddingii*), red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), and blue elderberry (*Sambucus nigra* ssp. *caerulea*).
- Native plant seeds were broadcasted into DG-W-2 Mining Pit. Seeds were hand spread and then raked into the soil. The native seed mix broadcasted during this reporting period included the following species: common yarrow (*Achillea millefolium*), yerba mansa (*Anemopsis californica*), California mugwort (*Artemisia douglasiana*), wild tarragon (*Artemisia dracunculus*), California brome grass (*Bromus carinatus*), island false bindweed (*Calystegia macrostegia* ssp. *intermedia*), tall flatsedge (*Cyperus eragrostis*), giant wild rye (*Elymus condensatus*), beardless wild rye (*Elymus triticoides*), California poppy (*Eschscholzia californica*), California matchweed (*Gutierrezia californica*), bicolored lupine (*Lupinus bicolor*), chilicothe (*Marah macrocarpa*), caterpillar phacelia (*Phacelia cicutaria*), common phacelia (*Phacelia distans*), California bluebell (*Phacelia minor*), ladies' tobacco (*Pseudognaphalium californicum*), and stinging nettle (*Urtica dioica* ssp. *holosericea*).

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

### 3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from July 1, 2021 to September 30, 2021.

#### **4.0 MITIGATION MONITORING AND REPORTING PROGRAM**

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

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<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 that occurred during the 2021 second quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2021 second quarter reporting period. See Table 3 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 second 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, 3/17/21-3/26/21	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. Details on detections of least Bell's vireo during surveys are provided in Sections 2.1 and 2.2 above.
<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 boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/19 - 4/14/19, 3/16/20 - 5/19/20, 3/1/21 – 4/16/21	Preconstruction surveys for nesting birds were completed during the second quarter of 2021. Active bird nests within 500 feet of the Project site were documented and

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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>							appropriate no-work buffers were established. Designated Biologists monitored Project and restoration activities daily during the nesting season during the second quarter 2021 reporting period.
<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 second 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 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.</li> <li>Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant</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</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 second quarter reporting period.</p>

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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).</p> <ul style="list-style-type: none"> <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>		Sign- Off					
<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 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</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> <li>• Conduct Tree Survey</li> <li>• Identify and Protect Oak Tree Root Zones</li> <li>• Identify/Map Mitigation Sites</li> </ul>	<p>Pre-Sediment Removal; Sediment Removal; 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</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 measure were required during the 2021 second quarter reporting period. Restoration activities were continued

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
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.	<ul style="list-style-type: none"> <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>	Management Measures, if Necessary <ul style="list-style-type: none"> <li>• Prepare Monitoring Reports</li> <li>• Prepare Annual Reports</li> <li>• Achieve Mitigation Site Sign-Off</li> </ul>					during the 2021 second quarter reporting period.
<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 that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands 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 riparian habitats, sensitive natural</li> </ul>	Reservoir Management <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>	Reservoir Management <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	Restoration activities were continued during the 2021 second quarter reporting period.

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>communities, and federally protected wetlands has been achieved.</p> <ul style="list-style-type: none"> <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 Preconstruction Survey Report

Appendix B – Monthly Least Bell’s Vireo Survey Memos

Appendix C – Construction Monitoring Logs

Appendix D – Habitat Restoration Monitoring Logs

Least Bell's Vireo Preconstruction Survey Report



May 7, 2021  
(2018-047.026)

Mr. Mark Gim  
Los Angeles County Public Works  
Stormwater Engineering Division  
Via Email: Tgim@dpw.lacounty.gov

**Subject: Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Mr. Gim,

This letter report has been prepared to present the results of preconstruction surveys for least Bell's Vireo (*Vireo bellii pusillus*) conducted 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 preconstruction surveys for least Bell's vireo were conducted to comply with Condition 7.3.2 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project), which states:

"The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

**SURVEY METHODS**

Preconstruction surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.2 and Section 7 Conservation Measure CM 11a for Project activities that are to occur during the vireo's breeding season. 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**

Preconstruction least Bell's vireo surveys began on March 1, 2021, 30 days prior to the originally scheduled start of Project activities which was planned for March 31, 2021. Surveys continued weekly, with three surveys occurring during the week prior to the start of Project activities and the final survey occurring the day prior to the start of Project activities. Due to several iterations of postponement of the official start date of Project activities, a total of nine preconstruction least Bell's vireo surveys were conducted between March 1 and April 18, 2021. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist. The dates, personnel, and weather conditions for each survey are presented in Table 1. Survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
03/01/21	CT	0630	0940	45	71	0	0	0-1	3-5
03/08/21	CT	0645	1100	54	66	100	95	0-1	1-3
03/18/21	CT	0715	1100	49	74	95	95	0-1	1-3
03/25/21	CT	0715	1100	50	57	85	85	3-5	1-4
03/29/21	LS	0655	1104	46	74	0	0	0-2	0-3
04/08/21	SS	0646	1010	53	72	75	5	0-1	3-5
04/14/21	CT	0625	1100	53	64	100	90	0-1	1-4
04/17/21	JC	0710	1027	52	61	100	10	0	1-3
04/18/21	JC	0710	1021	55	77	0	0	1-3	3-5

\* JC = Jill Coumoutso, SS = Shannan Shaffer, LS = Lauren Simpson, CT = Christine Tischer

No least Bell's vireos were detected or observed during the focused preconstruction surveys. Two male brown-headed cowbird (*Molothrus ater*) individuals were detected outside of brown-headed cowbird traps during the preconstruction surveys. A complete list of all birds and other wildlife observed during the preconstruction surveys is provided in Attachment B.

## **DISCUSSION**

<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.

Nine focused preconstruction surveys conducted during the 2021 breeding season did not detect least Bell's vireo in or within 500 feet of the Project site.

During the 2020 breeding season, the first observation of the territorial male that would form the breeding pair for the 2020 season was in early May. It is possible that the breeding pair or their offspring from 2020 will return to the Project site to breed during the 2021 season. Least Bell's vireo Designated Biologists commenced twice-weekly focused surveys for least Bell's vireo after preconstruction surveys were complete. These surveys will continue through the end of the 2021 breeding season.

Prior to the 2020 season, observations of least Bell's vireo previously documented within the Project area had been irregular, and no consistent detection of the species throughout the breeding season had been documented at the site since 2013. At that time, a single male was present, but he was not paired with a female during the breeding season. Additionally, the timing of observations in the early and late periods of the breeding season during subsequent survey years coincides with the seasonal migrations of least Bell's vireos through the Project area. The lack of detection of any individuals throughout nine focused surveys implies that breeding least Bell's vireos were absent from the Project site prior to the initiation of Project activities within the sediment removal area as of April 18, 2021.

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: May 7, 2021

**Attachments:**

Attachment A: Survey Datasheets  
Attachment B: Wildlife Species Observed

**ATTACHMENT A**

Survey Datasheets

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

Submitted by: SoCal\_Bio

Submitted time: Mar 1, 2021, 4:52:44 PM

Survey Date

**Mar 1, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:30**

Start Temperature

**45**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**09:40**

End Temperature

**71**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**WCSP, NUWO, MODO, LEGO, RCKI, CASJ, ANHU, ACWO, parrots, CALT, CATH, SPTO, CANG, BEWR, SOSP, C  
AQU, NOFL, COHA, HOFI, BGGN, YRWA, CORA, OCWA, BUSH, OATI, WEBL, EUST, HOWR, MALL, WTSW, ROP  
I, KILL, RSHA, RTHA, Sceloporus occidentalis, Eastern fox squirrel, coyote (t), dom horse (t), dom dog, gopher  
(burrows)**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Mar 8, 2021, 5:12:04 PM

Survey Date

**Mar 8, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:45**

Start Temperature

**54**

Start Wind Speed

**0-1**

Start Cloud Cover

**100**

End Time

**11:00**

End Temperature

**66**

End Wind Speed

**1-3**

End Cloud Cover

**95**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**MODO, CALT, OATI, DEJU, parrots, RCKI, LEGO, CASJ, CAQU, AMCR, CORA, BEWR, CATH, ANHU, NUWO, SP TO, CANG, MALL, HOFI, SOSP, WCSP, E fox squirrel, STJA (pair), YRWA, KILL, NRWS, EUST, ALHU, VGSW (1 5), NOFL, WEBL, RTHA (copulating), w fence lizard, dom horse (t,s), WEME, CEWA, RSHA, HOWR, COHA**

Additional Notes

**Talked with one person in SW corner who was photographing plants and mushrooms. Met Mike and Scott (biologists with Stillwater) who were monitoring NI crew on west side.**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Mar 19, 2021, 5:30:41 AM

Survey Date

**Mar 18, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**07:15**

Start Temperature

**49**

Start Wind Speed

**0-1**

Start Cloud Cover

**95**

End Time

**11:00**

End Temperature

**74**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**1**

Locations

**Male heard NE of old mining pit**

Incidental Species Observed

**Parrots, SOSP, YRWA, CALT, SPTO, NUWO, WREN, ACWO, NOFL, WCSP, RCKI, HOFI, MODO, CASJ, BUSH, CA TH, LEGO, AMCR, ANHU, CAKI, COHA, BEWR, NRWS, cottontail, coyote, CAQU, VGSW, KILL. RTHA, EUST, BL PH, BGGN, RSHA, PSFL, DOWO, OATI, MALL, WTSW, CANG, CORA, WEBL, HOSP**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Mar 25, 2021, 10:10:51 PM

Survey Date

**Mar 25, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**07:15**

Start Temperature

**50**

Start Wind Speed

**3-5**

Start Cloud Cover

**85**

End Time

**11:00**

End Temperature

**57**

End Wind Speed

**1-4**

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

**ANHU, RCKI, AMCR, BEWR, BUSH, CORA, ACWO, NUWO, WEBL, HOFI, LEGO, CALT, RTHA, NOFL, parrots, C ASJ, CAQU, WCSP, CATH. SPTO, CAKI, coyote (s,t), cottontail (s,o), horse (t), ALHU, MODO, COHA, EUST, YRW A, RSHA, OATI, CANG, MALL, KILL, NRWS, HOOR, COYE, ROPI, PSFL, woodrat (o), BLPH**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Mar 29, 2021, 1:12:10 PM

Survey Date

**Mar 29, 2021**

Observer Name

**Lauren Simpson**

Survey Conditions

Start Time

**06:55**

Start Temperature

**46**

Start Wind Speed

**0-2**

Start Cloud Cover

**0**

End Time

**11:04**

End Temperature

**74**

End Wind Speed

**0-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**Lego, webl, bewr, modo, nuwo, parrot sp, acwo, hofi, cora, cago, sosp, wcsp, bush, calt, caqu, wren, anhu, blp h, alhu, coye, casj, eust, weme, spto, cottontail, yrwa, ca ground squirrel, cath, rtha, oati, deju, w fence lizard, c oha, dowo, wtsw, lisp, mall, caki, side blotched lizard**

Additional Notes

**no LBV observed. 2 new nests added ANHU\_8 and LEGO\_1**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Apr 8, 2021, 11:23:20 AM

Survey Date

**Apr 8, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:46**

Start Temperature

**53**

Start Wind Speed

**0-1**

Start Cloud Cover

**75**

End Temperature

**72**

End Wind Speed

**3-5**

End Cloud Cover

**5**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ACWO, AMCR, LEGO, CASJ, CALT, CAQU, SOSP, BUSH, SPTO, AMRO, NUWO, BGGN, BEWR, MODO, ANHU, CATH, green parrot, NOMO, HOFI, WREN, CORA, PHAI, NRWS, WTSW, coyote**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Apr 17, 2021, 6:42:28 AM

Survey Date

**Apr 14, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:25**

Start Temperature

**53**

Start Wind Speed

**0-1**

Start Cloud Cover

**100**

End Time

**11:00**

End Temperature

**64**

End Wind Speed

**1-4**

End Cloud Cover

**90**

Were Least Bell's Vireo Observed

**No**

Brown-Headed Cowbird Observations

Number of Individuals

**1**

Locations

**1 adult male flyover heard/seen in west while surveying DG-5.**

Incidental Species Observed

**CASJ, BEWR, MODO, SPTO, CALT, CATH, BUSH, COYE, CAQU, NUWO, coyote (×4), woodrat (middens), COHA, CANG, SOSP, BHGR, AMCR, parrots, WREN, STJA (1), YEWA, ANHU, CORA, ACWO, BHCO, WCSP, ATFL, NRW S, KILL, MALL (pair), BASW, HOFI, ALHU, RTHA, CA ground squirrel, BLPH, LEGO, WEBL, WIWA (v), side-blotched lizard, CA treefrog (v), Crotch bumble bee, yellow-faced bumble bee, cabbage white, desert cottontail, western fence lizard, EUST, LAGO**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Apr 18, 2021, 9:14:22 AM

Survey Date

**Apr 17, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:10**

Start Temperature

**52**

Start Wind Speed

**0**

Start Cloud Cover

**100**

End Time

**10:27**

End Temperature

**61**

End Wind Speed

**1-3**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ACWO Coyote**

**BUSH Desert cottontail**

**CASJ**

**HOFI**

**CANG**

**SPTO**

**COYE**

**HOWR**

**HUVI**

**STJA**

**CAQU**

**ANHU**

**CATH**

**YWAR**

**BTGW**

**OCWA**

**AMRO**

**BLPH**

**ATFL**

**SOSP**

**YRWA**

**WCSP**

**OATI**

**COHA**

**BEWR**

**HOOR**

**CORA**

**MODO**

**PARROTS**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Apr 18, 2021, 10:23:45 AM

Survey Date

**Apr 18, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:10**

Start Temperature

**55**

Start Wind Speed

**1-3**

Start Cloud Cover

**0**

End Time

**10:21**

End Temperature

**77**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**BEWR**

**ACWO**

**NUWO**

**ANHU**

**ALHU**

**YWAR**

**HOOR**

**HOWR**

**CASJ**

**CORA**

**OCWA**

**CALT**

**SPTO**

**CAQU**

**HOFI**

**BUSH**

**BHGR**

**SOSP**

**CATH**

**COYE**

**BGGN**

**Side blotched lizard**

Log Completed?

**Yes**

**Wildlife Species Observed**

Scientific Name	Common Name
<b>INSECTS</b>	
<b>Apidae</b>	<b>Bees</b>
<i>Bombus crochii</i>	Crotch bumble bee
<i>Bombus vosnesenskii</i>	yellow-faced bumble bee
<b>Pieridae</b>	<b>Pierid Butterflies</b>
<i>Pieris rapae</i>	cabbage white
<b>REPTILES</b>	
<b>Phrynosomatidae</b>	<b>Spiny Lizards</b>
<i>Sceloporus occidentalis</i>	western fence lizard
<i>Uta stansburiana</i>	common side-blotched lizard
<b>AMPHIBIANS</b>	
<b>Hylidae</b>	<b>New World Tree Frogs</b>
<i>Pseudacris hypochondriaca</i>	Baja California tree frog
<b>BIRDS</b>	
<b>Accipitridae</b>	<b>Hawks</b>
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
<b>Aegithalidae</b>	<b>Bushtits</b>
<i>Psaltriparus minimus</i>	bushtit
<b>Anatidae</b>	<b>Ducks, Geese, and Swans</b>
<i>Anas platyrhynchos</i>	mallard
<i>Branta canadensis</i>	Canada goose
<b>Apodidae</b>	<b>Swifts</b>
<i>Aeronautes saxatalis</i>	white-throated swift
<b>Bombycillidae</b>	<b>Waxwings</b>
<i>Bombycilla cedrorum</i>	cedar waxwing
<b>Cardinalidae</b>	<b>Cardinals</b>
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
<b>Charadriidae</b>	<b>Plovers, Dotterels, and Lapwings</b>
<i>Charadrius vociferus</i>	killdeer
<b>Columbidae</b>	<b>Pigeons and Doves</b>
<i>Columba livia*</i>	rock pigeon
<i>Zenaida macroura</i>	mourning dove
<b>Corvidae</b>	<b>Jays and Crows</b>
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
<i>Cyanocitta stelleri</i>	Steller's jay
<b>Fringillidae</b>	<b>Finches</b>

<i>Haemorhous mexicanus</i>	house finch
<i>Spinus lawrencei</i>	Lawrence's goldfinch
<i>Spinus psaltria</i>	lesser goldfinch
<b>Hirundinidae</b>	<b>Swallows</b>
<i>Hirundo rustica</i>	barn swallow
<i>Petrochelidon pyrrhonota</i>	cliff swallow
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
<i>Tachycineta thalassina</i>	violet-green swallow
<b>Icteridae</b>	<b>New World Blackbirds</b>
<i>Icterus cucullatus</i>	hooded oriole
<i>Molothrus ater</i>	brown-headed cowbird
<i>Sturnella neglecta</i>	western meadowlark
<b>Mimidae</b>	<b>Mockingbirds and Thrashers</b>
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
<b>Odontophoridae</b>	<b>Quails and Partridges</b>
<i>Callipepla californica</i>	California quail
<b>Paradoxornithidae</b>	<b>Wrentits</b>
<i>Chamaea fasciata</i>	wrentit
<b>Paridae</b>	<b>Titmice</b>
<i>Baeolophus inornatus</i>	oak titmouse
<b>Parulidae</b>	<b>Wood-warblers</b>
<i>Cardellina pusilla</i>	Wilson's warbler
<i>Geothlypis trichas</i>	common yellowthroat
<i>Oreothlypis celata</i>	orange-crowned warbler
<i>Setophaga coronata</i>	yellow-rumped warbler
<i>Setophaga nigrescens</i>	black-throated gray warbler
<i>Setophaga petechia**</i>	yellow warbler
<b>Passerellidae (previously Emberizidae)</b>	<b>Sparrows and Towhees</b>
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza lincolni</i>	Lincoln's sparrow
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Passer domesticus*</i>	house sparrow
<i>Pipilo maculatus</i>	spotted towhee
<i>Zonotrichia leucophrys</i>	white-crowned sparrow
<b>Picidae</b>	<b>Woodpeckers</b>
<i>Colaptes auratus</i>	northern flicker
<i>Dryobates pubescens</i>	downy woodpecker
<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
<b>Polioptilidae (previously Silviidae)</b>	<b>Gnatcatchers</b>
<i>Polioptila caerulea</i>	blue-gray gnatcatcher
<b>Psittacidae</b>	<b>Old World Parrots</b>
<i>Amazona sp.*</i>	parrot sp.
<b>Ptiliognatidae</b>	<b>Silky flycatchers</b>

Scientific Name	Common Name
<i>Phainopepla nitens</i>	phainopepla
<b>Regulidae</b>	<b>Kinglets</b>
<i>Regulus calendula</i>	ruby-crowned kinglet
<b>Sturnidae</b>	<b>Starlings</b>
<i>Sturnus vulgaris</i> *	European starling
<b>Trochilidae</b>	<b>Hummingbirds</b>
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
<b>Troglodytidae</b>	<b>Wrens</b>
<i>Thryomanes bewickii</i>	Bewick's Wren
<i>Troglodytes aedon</i>	house wren
<i>Sialia mexicana</i>	western bluebird
<i>Turdus migratorius</i>	American robin
<b>Tyrannidae</b>	<b>Tyrant Flycatchers</b>
<i>Empidonax difficilis</i>	Pacific-slope flycatcher
<i>Myiarchus cinerascens</i>	ash-throated flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Tyrannus vociferans</i>	Cassin's kingbird
<b>Vireonidae</b>	<b>Vireos</b>
<i>Vireo huttoni</i>	Hutton's vireo
<b>MAMMALS</b>	
<b>Canidae</b>	<b>Dogs, Wolves, and Foxes</b>
<i>Canis latrans</i>	coyote
<b>Cricetidae</b>	<b>New World Rats and Mice</b>
<i>Neotoma fuscipes</i>	dusky-footed woodrat
<b>Geomyidae</b>	<b>Gophers</b>
<i>Thomomys bottae</i>	Botta's pocket gopher
<b>Leporidae</b>	<b>Hares and Rabbits</b>
<i>Sylvilagus audubonii</i>	desert cottontail
<b>Sciuridae</b>	<b>Squirrels</b>
<i>Otospermophilus beecheyi</i>	California ground squirrel
<i>Sciurus niger</i>	eastern fox squirrel

\*Nonnative species

\*\*CDFW California Species of Special Concern/CDFW Fully Protected Species

\*\*\* Federally and/or State-Listed Endangered or Threatened

Monthly Least Bell's Vireo Survey Memos



June 24, 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: April 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 April 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.

## **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**

Four focused breeding season surveys for least Bell's vireo were conducted during the last two weeks of April 2021. Prior to the twice weekly focused breeding season surveys, preconstruction least Bell's vireo surveys were initiated March 1, 2021 and continued through April 18, 2021 (results presented separately in the Preconstruction Least Bell's Vireo Survey Report). 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
4/20/21	JC	0710	1026	54	64	100	0	1-3	1-3
4/22/21	JC	0720	1035	54	57	100	100	1-3	1-3
4/28/21	CT	0630	1120	48	77	0	0	0-1	4-7
4/30/21	JC	0715	1005	63	82	15	10	0	1-3

CT = Christine Tischer, JC = Jill Coumoutso

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

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

## **DISCUSSION**

Four focused breeding season surveys for least Bell's vireo conducted in April 2021 did not detect least Bell's vireo in or within 500 feet of the Project site. During the 2020 breeding season, the first observation of the territorial male that would form the breeding pair for the 2020 season was in early May. It is possible that the breeding pair or their offspring from 2020

<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.

will return to the Project site to breed during the 2021 season. Twice-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: June 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: Apr 20, 2021, 5:42:53 PM

Survey Date

**Apr 20, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:10**

Start Temperature

**54**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**10:26**

End Temperature

**64**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**BHGR**

**ACWO**

**SPTO**

**WIWA**

**HOWR**

**BUSH**

**MODO**

**CASJ**

**COYE**

**NUWO**

**CALT**

**HOFI**

**CAQU**

**CATH**

**ANHU**

**YRWA**

**BEWR**

**PSFL**

**YWAR**

**ALHU**

**COHA**

**HOOR**

**Red-crowned parrot**

**Western fence lizard**

**Side blotched lizard**

**Desert cottontail**

**CA Ground squirrel**

Additional Notes

**Foggy on arrival on-site**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Apr 22, 2021, 6:32:57 PM

Survey Date

**Apr 22, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:20**

Start Temperature

**54**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**10:35**

End Temperature

**57**

End Wind Speed

**1-3**

End Cloud Cover

**100**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**MODO**

**HOWR**

**WEKI**

**CALT**

**NUWO**

**SPTO**

**BEWR**

**HOFI**

**RSHA**

**ACWO**

**ANHU**

**CATH**

**BLPH**

**California ground squirrel**

**Desert cottontail**

Additional Notes

**Drizzling on and off all morning**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 1, 2021, 8:25:50 AM

Survey Date

**Apr 28, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:30**

Start Temperature

**48**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**11:20**

End Temperature

**77**

End Wind Speed

**4-7**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**BEWR, BUSH, CASJ, OATI, HOOR, MODO, BHGR, WCSP, parrots, ACWO, CAQU, HOWR. SOSP, CATH, COYE, WEBL, woodrat, Sceloporus, NRWS, ANHU, YRWA, CAKI, LAGO, EUST, CLSW, Uta, SPTO, CALT, NUWO, YWA R, WAVI, CORA, LEGO, WIWA, BLPH, PSFL, BGGN, STJA, NAWA, HOFI, ATFL, AMCR, WETA, AMRO, VASW, WT SW, CHSP, COHA, WWPE, RSHA, cottontail, carpenter bee, common buckeye, CA ground squirrel, cabbage white, wandering skipper, MALL, Crotch bumble bee, fritillary**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 1, 2021, 12:54:37 PM

Survey Date

**Apr 30, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:15**

Start Temperature

**63**

Start Wind Speed

**0**

Start Cloud Cover

**15**

End Time

**10:05**

End Temperature

**82**

End Wind Speed

**1-3**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**BHGR**

**WETA**

**CALT**

**DEJU**

**SPTO**

**BEWR**

**ACWO**

**DOWO**

**MODO**

**OCWA**

**PSFL**

**CASJ**

**YWAR**

**CORA**

**SOSP**

**HOWR**

**COYE**

**ANHU**

**coyote**

**Desert cottontail**

**CA ground squirrel**

**Western fence lizard**

Log Completed?

**Yes**



June 25, 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: May 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 May 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.

## **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**

Eight focused breeding season surveys for least Bell's vireo were conducted during May 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
5/4/2021	CT	0700	1100	54	79	0	0	0-1	0-1
5/7/2021	JC	0715	1000	59	61	100	100	1-3	1-3
5/11/2021	JC	0715	1003	61	63	100	100	1-3	1-3
5/14/2021	JC	0710	0955	59	61	100	100	1-3	1-3
5/18/2021	CT	0600	1115	58	70	100	70	1-3	1-3
5/21/2021	SS	0605	1045	52	64	0	15	3-5	5-7
5/25/2021	TB	0715	1047	65	81	5	10	1-3	3-5
5/28/2021	SS	0550	1055	56	66	100	0	1-3	3-5

CT = Christine Tischer, JC = Jill Coumoutso, SS = Shannan Schaefer, TB = Trevin Braun

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

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

## **DISCUSSION**

Eight focused breeding season surveys for least Bell's vireo conducted in May 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: June 25, 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: May 4, 2021, 1:50:33 PM

Survey Date

**May 4, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**07:00**

Start Temperature

**54**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**79**

End Wind Speed

**0-1**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Incidental Species Observed

**ACWO, WIWA, BHGR, BEWR, YWAR, HOWR, CALT, CA gr. squirrel, MODO, SPTO, COYE, CASJ, coyote (v), WA VI, BUSH, cottontail, mourning cloak, HOFI, PUFI, NUWO, BGGN, SOSP, AMCR, OCWA, PSFL, DEJU, LEGO, EU ST, ANHU, COHU, carpenter bee, BLGR, w. fence lizard, ATFL, NRWS, BLPH, CLSW, CORA, MALL. WTSW, DOW O, HUVI, HETH, HOOR, CAQU, Bombus californicus. side-blotched lizard, BASW, CATH, coastal whiptail, WRE N, WETA, WEKI, black rast (carcass), western tiger swallowtail**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 10, 2021, 1:43:37 PM

Survey Date

**May 7, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:15**

Start Temperature

**59**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**10:00**

End Temperature

**61**

End Wind Speed

**1-3**

End Cloud Cover

**100**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**BHGR**

**CAQU**

**CORA**

**COHA**

**OCWA**

**BUSH**

**CALT**

**PSFL**

**MODO**

**LEGO**

**YWAR**

**BLPH**

**ACWO**

**SPTO**

**CASJ**

**DEJSOSP**

**BEWR**

**YRWA**

**NRWS**

**NUWO**

**Coyote**

**Desert Cottontail**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 12, 2021, 10:35:25 PM

Survey Date

**May 11, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:15**

Start Temperature

**61**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**10:03**

End Temperature

**63**

End Wind Speed

**1-3**

End Cloud Cover

**100**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CALT**

**ANHU**

**EUCD**

**HUVI**

**BLPH**

**PSFL**

**CASJ**

**ACWO**

**SPTO**

**WEWP**

**RTHA**

**BHGR**

**BEWR**

**DEJU**

**DOWO**

**BUSH**

**NRWS**

**HOFI**

**MODO**

**CAQU**

**OATI**

**COYE**

**Red-crowned parrot**

**Desert cottontail**

**California ground squirrel**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 17, 2021, 7:20:19 AM

Survey Date

**May 14, 2021**

Observer Name

**Jill Coumoutso**

Survey Conditions

Start Time

**07:10**

Start Temperature

**59**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**09:55**

End Temperature

**61**

End Wind Speed

**1-3**

End Cloud Cover

**100**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ACWO**

**BHGR**

**ANHU**

**BUSH**

**OATI**

**HOWR**

**SPTO**

**CORA**

**MODO**

**BEWR**

**LEGO**

**HOFI**

**CALT**

**ATFL**

**WEWP**

**PSFL**

**PUFI**

**DEJU**

**NUWO**

**CASJ**

**WEBL**

**WREN**

**BLPH**

**AMRO**

**OCWA**

**HUVI**

**CA Ground squirrel**

**Desert cottontail**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 18, 2021, 2:30:06 PM

Survey Date

**May 18, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:00**

Start Temperature

**58**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**11:15**

End Temperature

**70**

End Wind Speed

**1-3**

End Cloud Cover

**70**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**BUSH, BHGR, AMCR, SPTO, SOSP, CASJ, CAQU, MODO, ALHU, CATH, BEWR, parrots, CALT, NRWS, KILL, WA VI, BGGN, LEGO, YWAR, ANHU, CORA, WWPE, cottontail, OCWA, HOFI, COYE, PSFL, CEWA, BASW, OATI, WI WA, eastern fox squirrel, DEJU, HOWR, WETA, COHA, ATFL, NOMO, WEBL, CA ground squirrel, PHAI, CAKI, B UOR, carpenter bee, Apis spp., western fence lizard, cabbage white, WTSW, CLSW, side-blotched lizard, RTHA, WIFL**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 21, 2021, 10:48:52 AM

Survey Date

**May 21, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:05**

Start Temperature

**52**

Start Wind Speed

**3-5**

Start Cloud Cover

**0**

End Time

**10:45**

End Temperature

**64**

End Wind Speed

**5-7**

End Cloud Cover

**15**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CASJ, CORA, BUSH, CALT, LEGO, SPTO, HOOR, coyote, NUWO, CAQU, AMCR, ANHU, WTSW, SOSP, CATH, MODO, RTHA, EUST, COHA, HOFI, BGGN, BEWR, 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: May 25, 2021, 4:50:32 PM

Survey Date

**May 25, 2021**

Observer Name

**Other**

Other Observer

**Trevin Braun**

Survey Conditions

Start Time

**07:15**

Start Temperature

**65**

Start Wind Speed

**1-3**

Start Cloud Cover

**5**

End Time

**10:47**

End Temperature

**81**

End Wind Speed

**3-5**

End Cloud Cover

**10**

Were Least Bell's Vireo Observed

**No**

Brown-Headed Cowbird Observations

Number of Individuals

**0**

Incidental Species Observed

**House finch, song sparrow, yellow warbler, warbling vireo, California scrub Jay, mourning dove, bullocks oriole, California towhee, western kingbird, bewicks wren, acorn woodpecker, phainopepla, California quail, spotted towhee**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: May 28, 2021, 11:04:52 AM

Survey Date

**May 28, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**05:50**

Start Temperature

**56**

Start Wind Speed

**1-3**

Start Cloud Cover

**100**

End Time

**10:55**

End Temperature

**66**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**ACWO, CORA, CASJ, BUSH, NUWO, HOOR, coyote, CAQU, MODO, RTHA, LEGO, HOFI, WTSW, NRWS, AMRO, CA ground squirrel, ANHU, COHA, SPTO, AMCR, western fence lizard, NOFL, BGGN, western toad, BLPH, CAL T**

Log Completed?

**Yes**

August 4, 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: June 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 June 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 ongoing in June 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 June 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
06/01/21	SS	0600	1100	56	69	90	5	1-3	3-5
06/04/21	SS	0554	1100	59	72	0	0	0-1	1-3
06/08/21	SS	0601	1050	59	68	100	30	0-1	3-5
06/11/21	SS	0616	1047	59	71	0	0	1-3	3-5
06/15/21	CT	0615	1015	62	90	15	100	0-1	0-1
06/18/21	CT	0605	1035	65	82	50	90	0-1	1-2
06/22/21	SS	0601	1100	61	75	0	0	1-3	1-3
06/25/21	CT	0605	1015	58	78	0	0	0-1	1-2
06/29/21	SS	0730	1046	69	82	60	90	0-1	2-4

CT = Christine Tischer, SS = Shannan Shaffer,

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

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

## **DISCUSSION**

Nine focused breeding season surveys for least Bell's vireo conducted in June 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 04, 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: Jun 1, 2021, 11:17:28 AM

Survey Date

**Jun 1, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:00**

Start Temperature

**56**

Start Wind Speed

**1-3**

Start Cloud Cover

**90**

End Time

**11:00**

End Temperature

**69**

End Wind Speed

**3-5**

End Cloud Cover

**5**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CASJ, NUWO, BUSH, coyote, BLPH, MODJ, ACWO, CAQU, CALT, SPTO, AMCR, RTHA, WTSW, LEGO, ANHU, AMRO, ALHU, BGGN, western fence lizard, HOOR, CORA, EUST, MALL**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 4, 2021, 11:18:41 AM

Survey Date

**Jun 4, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**05:54**

Start Temperature

**59**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**72**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**LEGO, COHA, CALT, SPTO, ACWO, NUWO, BUSH, CAQU, CASJ, SOSP, HODI, BEWR, ANHU, common side-blotched lizard, western fence lizard alligator lizard, COYE, CORA, MODO, BLPH, drsert cotyontail, NRWS, WTSW**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 8, 2021, 12:07:17 PM

Survey Date

**Jun 8, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:01**

Start Temperature

**59**

Start Wind Speed

**0-1**

Start Cloud Cover

**100**

End Time

**10:50**

End Temperature

**68**

End Wind Speed

**3-5**

End Cloud Cover

**30**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**HOFI, ACWO, CALT, CASJ, BUSH, NUWO, LEGO, SPTO, EUST, MODO, ANHU, COHA, CORA, RTHA, SOSP, BLP H, AMCR, coyote, AMRO, desert cottontail, eastern fox squirrel, COYE, western fence lizard, common side-blot ched lizard, WTSW, NOMO, PHAI, BEWR, western toad, NRWS, MALL, HOOR**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 11, 2021, 10:48:04 AM

Survey Date

**Jun 11, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:16**

Start Temperature

**59**

Start Wind Speed

**1-3**

Start Cloud Cover

**0**

End Time

**10:47**

End Temperature

**71**

End Wind Speed

**3-5**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**CASJ, CORA, BUSH, CALT, HOFI, LEGO, ANHU, TUVU, MALL, CAQU, SPTO, BEWR, AMCR, common side-blotched lizard, eastern fox squirrel, coyote, HOOR, PHAI, EUST, MODO**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 15, 2021, 12:50:56 PM

Survey Date

**Jun 15, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:15**

Start Temperature

**62**

Start Wind Speed

**0-1**

Start Cloud Cover

**15**

End Time

**10:15**

End Temperature

**90**

End Wind Speed

**0-1**

End Cloud Cover

**100**

Were Least Bell's Vireo Observed

**No**

Brown-Headed Cowbird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**BHGR, ACWO, BEWR, SPTO, LEGO, parrots, WWPE, NUWO, CALT, SOSP, ANHU, CASJ, HOWR, MODO, BGGN, HOFI, CAQU, COYE, EUST, CAKI, CA ground squirrel, Eastern fox squirrel, cottontail, CORA, yellow-faced bumble bee, carpenter bee, NRWS, KILL, gulf fritillary, SNEG, 1 female mallard with 7 5-week old ducklings, BUSH, YWAR, WTSW, western fence lizard, side-blotched lizard, coastal whiptail, DOWO, PSFL, cabbage white, HUVI, BTPI**

Additional Notes

**Summer daycamps and cross country training at Hahamongna Watershed Park.**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 18, 2021, 6:36:16 PM

Survey Date

**Jun 18, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:05**

Start Temperature

**65**

Start Wind Speed

**0-1**

Start Cloud Cover

**50**

End Time

**10:35**

End Temperature

**82**

End Wind Speed

**1-2**

End Cloud Cover

**90**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**NUWO, CA ground squirrel, BEWR, BHGR, ACWO, MODO, COYE, YWAR, CASJ, LEGO, CALT, parrots, SPTO, C  
ORA, BUSH, RTHA, ANHU, cottontail, NRWS, CLSW, CATH. BGGN, RSHA, COHA, SOSP, WTSW, HOFI, PSFL, A  
LHU, EUST, carpenter bee, cabbage white, owl sp., western fence lizard, WEBL, CAKI, PHAI, acmon blue. side-b  
lotched lizard, HOWR, honeybees**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 22, 2021, 11:12:05 AM

Survey Date

**Jun 22, 2021**

Observer Name

**Shannan Shaffer**

Survey Conditions

Start Time

**06:01**

Start Temperature

**61**

Start Wind Speed

**1-3**

Start Cloud Cover

**0**

End Time

**11:00**

End Temperature

**75**

End Wind Speed

**1-3**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Incidental Species Observed

**MODO, CALT, HOFI, WREN, SPTO, COYE, LEGO, CAQU, ACWO, CASJ, NOMO, BUSH, SOSP, NUWO, western fence lizard, BLPH, NRWS, ANHU, western tiger swallowtail, eastern fox squirrel, WTSW, TUVU, RTHA, MALL, KILL**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 25, 2021, 11:48:38 AM

Survey Date

**Jun 25, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**06:05**

Start Temperature

**58**

Start Wind Speed

**0-1**

Start Cloud Cover

**0**

End Time

**10:15**

End Temperature

**78**

End Wind Speed

**1-2**

End Cloud Cover

**0**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**YWAR, CALT, parrots, SPTO, COYE, ACWO, MODO, AMRO, CAQU, CORA, RSHA, HOWR, BGGN, BEWR, WREN, HOFI, OATI, HUVI, PSFL, Eastern fox squirrel, BUSH, CLSW, HOOR, BHGR, NRWS, ANHU, SOSP, LEGO, cottontail, KILL, SBMU, WTSW, western toad, CATH, NOMO, ALHU, CAKI, RTHA, w. fence lizard, side-blotched lizard, NUWO, BASW, DOWO, common white, gulf fritillary, carpenter bee, coastal whiptail, coyote**

Log Completed?

**Yes**

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

Submitted by: SoCal\_Bio

Submitted time: Jun 29, 2021, 10:47:12 AM

Survey Date

**Jun 29, 2021**

Observer Name

**Christine Tischer**

Survey Conditions

Start Time

**07:30**

Start Temperature

**69**

Start Wind Speed

**0-1**

Start Cloud Cover

**60**

End Time

**10:46**

End Temperature

**82**

End Wind Speed

**2-4**

End Cloud Cover

**90**

Were Least Bell's Vireo Observed

**No**

Brown-Headed CowBird Observations

Number of Individuals

**0**

Locations

**N/A**

Incidental Species Observed

**ACWO, DEJU, LEGO, COYE, HOFI, CATH, ANHU, ATFL, SPTO, NRWS, BHGR, CASJ, BGGN, cottontail, western carpenter bee, BUSH, MODO, CLSW, CAQU, western fence lizard, BEWR, SOSP, CALT, NUWO, checkered white, WREN, cabbage white, YWAR, PUFU, RSHA, ECDO, OATI, HUVI, RTHA, CORA, KILL, BLPH, valley carpenter bee, painted lady, CA ground squirrel, acorn blue. NOMO, PHAI, side-blotched lizard, coastal whiptail, CAKI, gulf fritillary, PSFL, funereal duskywing, marine blue, western tiger swallowtail**

Log Completed?

**Yes**

## **APPENDIX C**

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### Construction Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 19, 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>	14:45	77 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) vegetation clearing
- 2) skiploader
- 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:**

CASJ, BLPH, SOSP, ROPI, CALT, SPTO, HOFI, COYE, RTHA, CORA, BEWR, HOWR, WTSW, CLSW, WEBL, ANHU, ALHU, LEGO, WCSP, ACWO, GREG, GRYE, KILL, Western fence lizard, Western side blotch lizard, Coyote, California ground squirrel, LESA, Bat sp., NUWO, Western toad, CAQU

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

**Log Entry**

0630 Onsite; check potential BLPH nest

0640 2 BLPH observed near tire wash, one flew into gated area.

0645 Observed one BLPH leave from the first eastern washout basin near the Griffith truck in the fenced tire wash area.

0700 Tailboard

0715 Get access to tire wash area.

0727 Nest located (BLPH\_1) added to collector, notified Lauren Simpson.

0737 Headed back to trailers.

0750 Clear northern project area for LA County drilling operations.

0815 Coordinate with Lauren

0830 Flag nests near eastern work area.

0900 Stake nests along western haul road.

0930 Coordinate with Ray from LA County. Received a sticker for hard hat.

1230 Mobilize to BLPH in tire wash to monitor exclusion.

1300 Coordinate with Johnny (Griffith) to set up exclusionary measures for BLPH at tire wash. BLPH was starting to build nest under the eastern basin. Nest appeared to be started very recently — possibly over the weekend. No eggs in nest.

1316 Crew begins installing exclusions (Pic 1, 2, and 3).

1330 End monitoring exclusion installation.

1345 Substitute for Lauren.

1445 End monitoring.

1500 Leave site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, appearing to be the name 'MOM' in a stylized, cursive font.

Tirewash\_before\_facingNW.jpg



Tirewash\_during\_facingNW.jpg



Tirewash\_after\_facingNE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: April 19, 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>	15:06	86 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Griffith Co, installing ESA fence, clearing fenceline with skip loader

**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, YEWA, CAKI, CLSW, CALT, ACWO, SPTO, CORA, SOSP, BEWR, HOFI, COYE, RTHA, ALHU, WREN, EUST, NRWS, CAQU, Alligator lizard, Whiptail, Western toad, Side blotched lizard, WTSW, BUSH, LEGO, GREG, MODO

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

**Log Entry**

0645 Arrived onsite, gave WEAP training to crew, went over work plan for the day.

0730 Began monitoring clearing of ESA fenceline using skip loader. relocated one western toad and two alligator lizards offsite out of harms way. one willow tree branch was hanging over fenceline and preventing installation.

removed using chainsaw. continued monitoring of ESA fenceline clearing and minor clear and grub within basin. all areas swept before clearing, no bio issues observed.

1505 Work done for the day, biologist left site.

**Additional Comments**

N/A

**Signature**





photo\_1-skip loader clearing esa fenceline.jpg  
-118.17276 34.18913



photo\_2-esa fenceline installed.jpg  
-118.17281 34.18961



photo\_3-branch of willow hanging into work area removed with chainsaw.jpg  
-118.17242 34.1912

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	52 °F	0-3 MPH	100 %
<b>End of Day</b>	15:04	73 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) vegetation clearing
- 2) one skid loader and one water truck
- 3) Miguel (operator), John (Griffith), Ray, Mark, 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, CALT, HOFI, SOSPO, COYE, KILL, CASJ, CANG, Western toad (relocated), ACWO, NUWO, EUCD, EUST, ROPI, Amazona spp., RSHA, southern pacific rattlesnake (relocated), RTHA, COHA

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

**Log Entry**

0630 Onsite  
0645 Coordinate with Johnny (Griffith)  
0700 Tailboard with Griffith. Conduct WEAP training. Ray (LA County) coordinated with me during WEAP training, will bring down sign-in sheet and stickers.  
0720 Coordinate with Miguel (skip loader operator) for activities today.  
0725 Clear planned work area. Begin monitoring vegetation removal (Pic. 1 and 2).  
0920 Coordinate with Mark Gim (LA County) about oak tree within work limits. Removal is approved pending no other biological resources in the tree.  
0940 Mobilize to inspect oak tree in question. No other biological resources in the oak tree. Contacted Mark to confirm it is ready for removal. Notified Lauren as well.  
0959 Mobilize to vegetation removal  
1020 Mobilize to relocate rattle snake.  
1030 Juvenile Southern pacific rattlesnake relocated north of the project site near suitable habitat in arroyo secco wash.  
1100 Continue monitoring vegetation removal (Pic. 3).  
1200 Coordinate with Ray about potential grading work on western side of the basin.  
1230 Coordinate with Daniel (LA County).  
1500 End monitoring, final sweep (Pic. 4). Leave site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of several large, stylized, overlapping loops and strokes.

Vegetation\_removal\_during\_facingNE.jpg



**Vegetation\_removal\_during\_facingSW.jpg**



**Vegetation\_removal\_during\_facingN.jpg**



**Vegetation\_removal\_after\_facingNE.jpg**

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	54 °F	4-6 MPH	95 %
<b>End of Day</b>	15:15	57 °F	4-6 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

- 1) Vegetation removal
- 2) Water truck, skip loader and scraper
- 3) John (Griffith) and Ray (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:**

CATH, SOSP, COYE, MODO, CORA, EUST, CALT, SPTO, ACWO, NRWS, CLSW, CAQU, COHA, CASJ, WEKI, WEBL, Amazona spp., GREG, GRBH, MALL, RTHA, WCSP, Botta's pocket gopher (relocated), LEGO, BEWR, KILL, WTSW, OATI, WREN, BUSH, BARS, WETA, AMCR, RSHA, Coyote

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

**Log Entry**

0640 Onsite  
0645 Tailboard with John (Griffith) and Ray (LA County).  
0700 Begin clearing work area before vegetation removal.  
0745 Relocate small mammal (Botta's pocket gopher).  
0800 WEAP training for Pete (Griffith scraper operator)  
0815 Clear area for scraping - access road and western basin.  
0830 Begin monitoring grading in western basin (Pic. 1 and 2).  
0830 Multiple YEWA calling along the south western edge of the work area. Point added to collector. Second marked point represents northern most YEWA calling.  
1045 Added active nest (LEGO\_5) to collector. Install signage and flagging for nesting bird buffer.  
1120 Notified John (Griffith) of nest buffer for LEGO\_5.  
1245 Remind Griffith workers (Rick and Austin) about two bird buffers (BUSH\_3 and COYE\_1) on the western haul road.  
1500 End monitoring maintenance grading in northern portion of project area. Final sweep.  
1515 Leave site.

**Additional Comments**

N/A

Signature





**Grading\_during\_facingNW.jpg**



**Grading\_during\_facingNE.JPG**  
-118.17662 34.18836

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	57 °F	7-9 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

- 1) Vegetation clearing and grading
- 2) Skiploader, backhoe and water truck
- 3) John, Austin and Jessie (Griffith), Ray and Emily (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:**

WEKI, SNEG, CORA, ACWO, CALT, Amazona spp., SOSPO, COYE, CANG, AMCR, Coyote, MALL, GRHE, CLSW, NRWS, SPTO, WTSW, Western fence lizard (relocated), Western toad (relocated)

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

**Log Entry**

0645 Arrive onsite; coordinate with John (Griffith).  
0650 Mobilize to continue staking nest buffers along the western project work limits.  
0700 Clear western basin for grading/scraping activities.  
0710 Grading activities begin north western basin (Pic. 1).  
0745 WEAP training (Jessie - Griffith)  
0800 Coordinate with John about ESA fencing.  
0815 Coordinate with Emily (compliance monitor) about bird buffers along the western haul road.  
0830-0845 Clear work area for vegetation clearing  
0900 Begin monitoring vegetation clearing and grading on eastern side of the project area (Pic. 2).  
1015 Reduce COYE\_1 buffer by ~12ft this out the buffer at the western edge of the haul road. Coordinate with John and Austin (Griffith) for power pole placement.  
1040 Return to monitoring vegetation removal on eastern side of project area.  
1130 Westland group surveyor (Jeremy) observed outside of project work limits. Surveyor is collecting topographical data for SCE project. Informed him of bird buffers and he agreed to avoid when possible. Ray (LA County) notified; Ray collected the surveyor's information.  
1246 Nature's Image vehicle observed parked within bird buffer (BUSH\_7). Left a voicemail with Margie (Stillwater) and contacted Daniel (Nature's Image foreman). Crew moved vehicle out of bird buffer.  
1400 Continue monitoring vegetation removal in eastern project area (Pic. 3).  
1500 End monitoring; final sweep.  
1515 Leave site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of a series of connected, stylized loops and lines.

Grading\_during\_facingSE.jpg



**Vegetation\_removal\_facingN.jpg**



**Vegetation\_removal\_facingNW.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: April 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	100 %
<b>End of Day</b>	13:30	63 °F	0-3 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

Vegetation clearing with Miguel on Skiploader.

**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, YWAR, SOSP, HOFI, CAQU, BUSH, CALT, LEGO, YRWA, Western Fence lizard, Western Whiptail

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

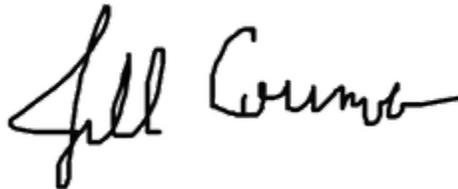
**Log Entry**

Vegetation clearing/grubbing, And road creation for water truck with Miguel on Skiploader.

**Additional Comments**

N/A

Signature





**Creating\_roads\_facingW.jpg**  
-118.17414 34.19071



**Grubbing\_facingNW.jpg**  
-118.17413 34.19067

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: April 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	100 %
<b>End of Day</b>	01:30	63 °F	0-3 MPH	90 %

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

Construction Monitoring

**Construction Activity:**

Griffith crew of one equipment operator (subcontractor) and one foreman (John) used one backhoe to clear emergent vegetation from the reservoir.

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

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

**List of species observed while monitoring:**

CALT, CAQU, HOFI, LEGO, ANHU, CASJ, BUSH, RTHA, CORA, BEWR, ACWO, SPTO, MODO, NOMO, ROPI, CATH, Western toad, Desert cottontail

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

**Log Entry**

0645 Conducted pre-construction sweep.

0710 Monitored vegetation removal.

1330 Crew done for the day, conducted final sweep.

**Additional Comments**

N/A

**Signature**





photo\_1-vegetation removal\_before.jpg



photo\_2-vegetation removal\_after.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	50 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	62 °F	4-6 MPH	40 %

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

Construction Monitoring

**Construction Activity:**

- 1) vegetation removal and grading
- 2) skip loader and backhoe
- 3) Miguel, Jessie, and John (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:**

COHA, ACWO, HOFI, CASJ, CALT, SOS, COYE, ATFL, WIWA, CAQU, Jerusalem cricket, AMCR, ANHU, BUSH, WREN, OATI, SPTO, CATH, California ground squirrel, LEGO, WEKI, WEBL, NUWO, YRWA, MODO, PUF1, Amazona spp., BHGR, BASW, NRWS, CORA, RTHA, BEWR, HOWR, AWPE, CANG, RSHA

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

**Log Entry**

0640 onsite; coordinate with Daniel (LA County) about storage of bio materials.

0650 tailboard with Griffith Crew.

0715 nest update (CATH\_2)

0745 nest update (CATH\_3)

0810 nest update (CALT\_1)

0845 nest update (BUSH\_7)

0917 nest update (ACWO\_3)

0930 nest update (CASJ\_3)

1000 coordinate with Griffith laborers for fence placement. Communicate ESAs and work limits in the general area.

1020 coordinate with Westland Group (SCE contractor) about bird buffers along the western haul road. Both surveyors were not receptive to my communication about avoiding bird buffers. Surveyors worked within bird buffers then moved north along haul road and worked again (approximately 30 minutes). Coordinated with Lauren and Daniel (LA County) — will document surveyors work on the west haul road.

1110 one surveyor walked through bird buffer (BUSH\_3). Other surveyor walking around within riparian zone west of the western haul road. Potentially affected nests: CASJ\_2, BUSH\_4, BUSH\_3, COYE\_1, WREN\_1, YEWA\_1. One additional surveyor walked through BUSH\_3 buffer while coming walking north on the western haul road. All three surveyors will need to walk through BUSH\_3 nest buffer to exit the project site after I informed them of the presence and sensitivity of the bird nests.

1115 coordinate with Miguel to clear vegetation in northern portion of work area.

1130 begin monitoring vegetation removal on west side of the project area (Pic. 1).

1445 end monitoring; final clearance (Pic. 2).

1500 leave site

**Additional Comments**

Could not rename photos. Both are vegetation removal facing N

**Signature**

MAN



photo\_1-20210427-093604.jpg



photo\_2-20210427-093610.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: April 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	65 %
<b>End of Day</b>	15:11	64 °F	4-6 MPH	70 %

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

Construction Monitoring

**Construction Activity:**

Griffith co, 1dozer, 1 skip, 1 blade, 1 backhoe, 1 water truck, preparing scale house and clearing/grubbing emergent vegetation

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

Yellow warbler

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

**List of species observed while monitoring:**

LEGO, SPTO, WREN, BLPH, NRWS, CASJ, CORA, SOSP, YEWA, YRWA, WETA, MODO, BUSH, ANHU, OATI, ATFL, WCSP, HOFI, WIWA, KILL, ALHU, VASW, BEWR, COYE, CAVI, WTSW, WAVI, CLSW, ACWO, RSHA, RTHA, BARS, TUVU, AWPE, COHA,

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

**Log Entry**

0630 Arrived onsite, surveyed tire wash for bird activity, no activity observed.

0700 Attended tailboard discussed status of nest buffers and work plan for the day.

0705 Crew won't begin clear/grub until later in the morning so I spent time updating/searching for nests in SW corner.

1000 Began monitoring backhoe during clear/grub at west center (station18), relocated 4 side-blotched lizards out of harm's way,

1445 Clearing complete for the day, no bio issues observed.

1510 Biologist left site

**Additional Comments**

N/A

**Signature**





photo\_1-cleargrub of emergent veg.jpg  
-118.17452 34.19029



photo\_2-scalehouse prep overview.jpg  
-118.17452 34.19029



photo\_3-berm post-clearing.jpg  
-118.17333 34.18997

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	52 °F	4-6 MPH	60 %
<b>End of Day</b>	15:00	63 °F	7-9 MPH	50 %

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

Construction Monitoring

**Construction Activity:**

- 1) Vegetation removal and grading
- 2) Backhoe, skip loader, water truck, scraper, bulldozer
- 3) Daniel, Ray, Alex (LA County), Miguel, John, Jessie, Doug (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, RTHA, COHA, Falco sp., Western fence lizard, BARS, WTSW, HOFI, LEGO, Amazona spp., CALT, CASJ, SPTO, NRWS, CLSW, Side blotch lizard, ANHU, COYE, SOSP

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

**Log Entry**

0645 Onsite; tailboard with John (Griffith)  
0700 WEAP training  
0745 Begin monitoring vegetation removal and heading near western project area (Pic. 1).  
0900 Coordinate with Alex (LA County)  
1000 Coordinate with John (Griffith) for vegetation clearing in western basin. Begin monitoring (Pic. 2).  
1020 Coordinate with Ray (LA County) about power pole installation crew WEAP training. Give WEAP.  
1130 Coordinate with John about WEAP. Give additional WEAP.  
1200 Clear rock pile and vegetation on east side for bulldozer to remove (Pic. 3).  
1445 End monitoring.  
1500 Leave site.

**Additional Comments**

N/A

**Signature**





**Vegetation\_removal\_before\_facingNE.jpg**



**Vegetation\_removal\_during\_facingSE.JPG**  
-118.17681 34.18802



**Vegetation\_removal\_during\_facingS.jpg**

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	50 %
<b>End of Day</b>	15:00	63 °F	0-3 MPH	80 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John)

**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, COYE, HOFI, SPTO, NRWS, CLSW, CORA, AMCR, WEKI, WTSW, MODO, ANHU, CASJ, CALT, CAQU, RTHA, ROPI, Common side blotched lizard, Western fence lizard, Gopher

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

**Log Entry**

0645 Attended tailboard.

0700 Conducted clearance sweep of planned work area.

0725 Monitored backhoe clearing vegetation within the sediment removal area.

1110 Monitored backhoe and skip loader clearing vegetation and building roads further up the creek channel within the sediment removal area.

**Additional Comments**

N/A

Signature





**Backhoe\_removing\_vegetation\_during\_facingS.jpg**



**Skip\_loader\_removing\_vegetation\_during\_facingNE.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: April 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	52 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	81 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) Vegetation removal
- 2) Backhoe, skip loader and bulldozer
- 3) John (Griffith) and Eric (Power Plus)

**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, WEKI, RSHA, RTHA, TUVU, CAQU, COYE, SOSP, CASJ, BUSH, California ground squirrel, Western fence lizard, Side-blotch lizard, CANG, OATI, VASW, WTSW, TRES, CLSW, NRWS, CATH, SPTO, HOFI, LEGO, Rattus sp., Peromyscus sp.

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

**Log Entry**

0630 Onsite  
0700 Begin clearance of work area; begin monitoring (Pic. 1 and 2).  
0745 Coordinate with John (Griffith) to monitor power line installation near bird buffer (BUSH\_3).  
0800 Coordinate with Eric (Power Plus) for power line installation near BUSH\_3 buffer. Begin monitoring.  
0820 Electrician enters bird buffer to install power lines (Pic. 3). BUSH still in nest. Other adult just visited - no signs of agitation.  
0830 End monitoring electrician after leaving bird buffer.  
0845 Begin monitoring vegetation removal.  
1450 End monitoring (Pic. 4).  
1500 Leave site

**Additional Comments**

Pic 2: Vegetation removal during facing SW. Pic 4: vegetation removal after facing NE.

**Signature**





**Vegetation\_removal\_during\_facingW.jpg**



**Vegetaion\_Removal-20210514-080446.jpg**



**Powerline\_installation\_during\_facingNW.JPG**  
-118.17707 34.1861



**Vegetation\_removal\_facing NE-20210514-080514.jpg**

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	46 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	81 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John). (Power plus, 1 electrician)

**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:**

RLPA, MALL, ATFL, CASJ, CLSW, NRWS, PHAI, CORA, BHGR, KILL, WTSW, EUST, RSHA, CAQU, CALT, WEKI, ANHU, ALHU, MODO, SPTO, ACWO, LEGO, BUSH, COYE, RTHA, YEWA, Common side blotched lizard, Western toad, Western fence lizard

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

**Log Entry**

0645 Attended tailboard.

0700 Conducted clearance sweep of planned work area.

0720 Monitored vegetation removal along the west side of the sediment removal area. Relocated 8 Common side blotched lizard and 2 Western fence lizards.

1155 Monitored electrical wire installation along western access road within the BUSH-3 buffer. The electrical line was accessed via manlift while the manlift truck was parked just outside the BUSH-3 buffer.

1245 Monitored road grading with skip loader and bulldozer.

**Additional Comments**

N/A

**Signature**





Backhoe\_clearing\_vegetation\_facingN.jpg



Skip\_loader\_clearing\_vegetation\_facingNE.jpg



Electrical\_work\_near\_BUSH-3\_facingW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: April 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	56 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	91 °F	0-3 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, grading
2. One skip loader, one backhoe, two water trucks, one blade, one bulldozer
3. 10 personnel (Griffith, John).

**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, RLPA, ANHU, COYE, SOSP, CORA, BHGR, RSHA, ACWO, RTHA, ANHU, CAQU, ATFL, CALT, CORA, CAKI, NRWS, CLSW, Common side blotched lizard, Western toad, Coastal whiptail, Western fence lizard

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

**Log Entry**

0645 attended tailboard.

0700 conducted clearance sweep of planned work area.

0720 monitored vegetation removal at northern end of sediment removal area. Relocated 1 Western fence lizard, 1 Western toad, and 1 Coastal whiptail.

0937 monitored bulldozer clearing vegetation along west edge of sediment removal area.

**Additional Comments**

N/A

Signature





**Bulldozer\_clearing\_vegetation\_and\_grading\_facingSW.jpg**



**Backhoe\_clearing\_vegetation\_facingNW.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Alden Lovaas**  
**Date of Log: April 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	58 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	91 °F	0-3 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing
2. One front loader and one skiploader
3. Front loader operator: Jesse, Skiploader operator: Miguel, Griffin construction: Jonny

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

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

**List of species observed while monitoring:**

SAPH, CORA, CLSW, SOSPO, HOFI, CASJ, RSHA, CALT, COYE, AMCR, Whiptail, BUSH, ACWO, CATH, Botta's pocket gopher, RTHA, Striped racer

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

**Log Entry**

0630 Arrived on site

0645 Attended tailboard meeting, crew will continue with vegetation removal on banks at N end of the project site.

0708 Cleared area where vegetation removal will begin on E side of the wash.

0710 Operator (Jesse) is beginning to remove vegetation using front loader.

0730 Observed RTHA bringing nesting material to eucalyptus tree. Marked point in collector as RSHA-1 and notified Lauren. She determined 250 ft buffer be put up around nest.

0800 Crew removing vegetation at northern part of the project site.

0930 Operator Jesse heading to southern side of the project site to clear vegetation along eastern access road. This area is located on the boundary of a restoration area.

1030 Observed irrigation line pulled out of restoration area, stopped Jesse working and called Lauren. Irrigation line appears to have been in the project boundary, all work occurred within the project boundary. Lauren said to proceed with caution for the remaining section.

1100 Operator heading back up to the northern portion of the project site to work near the skip loader.

1300 Front loader operator removing vegetation and skip loader moving removed vegetation into one pile.

1445 Crew done for the day, heading back to staging area.

1500 Left site.

**Additional Comments**

N/A

**Signature**





04-29-21\_front\_loader\_clearing\_vegetation.jpg



04-29-21\_location\_of\_RSHA\_nest.JPG  
-118.17118 34.19321



04-29-21\_front\_loader\_removing\_vegetation\_near\_restoration\_area.jpg



04-29-21\_broken\_irrigation\_line.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: April 30, 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	5 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, grading 2. One skip loader, one backhoe, two water trucks, one blade. 3. 7 personnel (Griffith, John).

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

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

**List of species observed while monitoring:**

ANHU, RTHA, CAKI, BHGB, CASJ, CAQU, ACWO, CORA, MODO, WEBL, HOFI, ATFL, LEGO, CALT, KILL, RLPA, COYE, EUST, RSHA, AMCR, SOSP, Desert cottontail, common side-blotched lizard, western toad, western fence lizard, deer mouse

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

**Log Entry**

0645 attended tailboard. 0700 gave WEAP training to new skip loader operator. 0715 conducted clearance sweep of planned work area. 0725 checked status of RSHA-1 nest. No activity or new material observed. 0740 monitored skip loader moving cleared vegetation piles. 0930 monitored backhoe clearing vegetation near the northern boundary of the sediment removal area. Relocated 1 western fence lizard, 3 common side-blotched lizards, 1 deer mouse, and 1 western toad

**Additional Comments**

N/A

Signature





**Skip\_loader\_removing\_vegetation\_piles\_facingN.jpg**



**Backhoe\_clearing\_vegetation\_facingW.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: April 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	62 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	93 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

6 Griffith, 2 operators (John -skip loader, Jessie – backhoe)

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

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

**List of species observed while monitoring:**

CAQU, CALT, CASJ, RTHA, BHGR, CAKI, BUSH, ACWO, BEWR, HOWR, ALHU, Parrots, California ground squirrel, Sceloporus occ, Uta stansburiana, Western toad, SOSP, ATFL, WREN, NOMO, CATH, CORA, LEGO, HOFI, MALL, NRWS, WEKI, KILL, HOOR, WEBL, EUST

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

**Log Entry**

0645 Attended tailboard at east staging area.

0700 Adam Schroeder provided WEAP training to 1 new personnel, while I headed to northern portion of basin.

Conducted preclearance sweep of area, no nests or special-status species.

0715 to 1100: 1 backhoe (Jessie) sifting and stockpiling remaining vegetation. 1 skip loader (John) sifting and transporting vegetation to larger stockpiles in center west of Johnson Field. 1 water truck watering down perimeter roads throughout. 1 grader grading western road in late morning. 1 vibratory roller compacting NW haul road and staying below BUSH-3 buffer. KILL-1 and KILL-2 discovered and buffer flagged in basin. Total of 5 Sceloporus, 6 Uta stansburiana and 1 Western road safely relocated outside work area.

**Additional Comments**

N/A

**Signature**





photo\_1-20210430-182438looking southeast toward Johnson Field.jpg  
-118.17126 34.19417



photo\_3-20210430-182150looking north at backhoe and skiploder.jpg  
-118.17125 34.19417

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: May 3, 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>	15:00	77 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Grubbing, vegetation pile removal with Miguel in skiploader

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

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

**List of species observed while monitoring:**

YWAR, CASJ, WEKI, ANHU, BHGR, CALT, SOSPO, BARS, Red-crowned parrot, California toad, Western fence lizard

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

**Log Entry**

Monitor vegetation clearing and grubbing, Checked rock piles before removal, Gave environmental compliance training to new crew member.

**Additional Comments**

**Signature**





**Vegetation pile removal\_faceE.jpg**  
-118.17139 34.19347



**Consolidate vegetation piles\_facingSW.jpg**  
-118.17137 34.19405

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jessie Dubus**  
**Date of Log: May 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	60 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	78 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

10 crew members from Griffith. Vegetation clearing, earthwork, running of water trucks. 3 water trucks, skip loader, excavator, 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:**

KILL, MODO, BUSH, AMCR, BLPH, SOSP, MALL, EUST, ACWO, MOCK, CASJ, RSHA, ANHU, COYE, WREN, SNEG, CATO, LEGO, HOFI

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

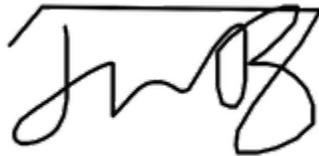
**Log Entry**

0645 Tailboard meeting, WEAP trained 1 crew member. 0715 Checked KILL-1 and KILL-2. Observed 2 KILL pairs in vicinity. KILL-1: 4 eggs present. KILL-2: Unable to locate, chicks may have fledged but likely still in area. KILL activity high in south end of wash. Continue to check area for new nests. 0830 Monitored veg clearing near north end of wash. Veg cleared consisted of small amounts of nonnative regrowth. 1130 Veg clearing paused because equipment needed to move debris. 1200 Observed BUSH-3. Active. 1 adult observed exiting nest, returning to feed chicks ~10 mins later. Observed area of COYE-1 and WREN-1. High amount of bird activity in area but no specific nest location found. 1315 Returned to observe KILL 1&2. Adults observed in vicinity of KILL 1, no activity observed in immediate vicinity of KILL2. 1345 Monitored earthwork, improved ESA signage around CAQU-1. 1400 Monitored minor veg clearing. 1500 Left site.

**Additional Comments**

N/A

**Signature**





**Veg\_clearing\_050421\_JNB.jpg**



**Earthwork\_050421\_JNB.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jessie Dubus**  
**Date of Log: May 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:20	61 °F	0-3 MPH	0 %
<b>End of Day</b>	14:55	86 °F	4-6 MPH	89 %

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

Construction Monitoring

**Construction Activity:**

Earthwork in previously cleared areas, disposing of debris piles into trash bins, minor vegetation clearing, running of 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:**

NOMO, BLPH, CALT, SOSP, CASJ, CORA, COYE, LEGO, WREN, BUSH, RSHA, NRWS, MALL, KILL

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

**Log Entry**

0645 Tailgate meeting

0700 Monitored minor vegetation removal in central portion of site and northern end of site.

0915 Relocated a western toad near dumpsters at north end of site

1130 Over time, relocated a total of 5 western toads in same area

1200 Checked BUSH-3, COYE-1, WREN-1. BUSH-3: minor movement from nest. Adult feeding chicks, returned with more food after ~6 minutes. High amount of activity observed around area of COYE/WREN.

1245 Returned to monitor minor vegetation removal/pile consolidation near dumpsters, three additional toads relocated.

1400 Placed additional stakes around CAQU-1 and monitored vegetation removal and earthwork in vicinity. Unable to confirm status of CAQU-1, but no CAQU observed in area. Have tomorrow's biologist revisit in early morning to confirm status. May have fledged.

**Additional Comments**

N/A

Signature





**Vegetation\_cleared\_example\_JNB050521.jpg**



**Vegetation\_cleared\_north\_end\_JNB050521.jpg**



**Vegetation\_clearing\_and\_debris\_piles\_JNB050521.jpg**



**Earthwork\_JNB050521.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: May 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	70 %
<b>End of Day</b>	15:10	79 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Grubbing with Miguel on skid loader

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CASJ, BHGR, BUSH, BARS, SPTO, CALT, BEWR, HOFI, ATFL, KILL, ANHU, HOFI, CORA, OCWA, California toad, Western Whiptail, Western fence lizard, Side blotched lizard, California ground squirrel

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Checked nests on arrival, both Killdeer nests and Quail nest are finished. BUSH-03 nest still active. Spent rest of the monitoring clearing/grubbing with Miguel on skid loader in area where Quail nest was.

**Additional Comments**

**Signature**





**Grubbing\_faceSE.jpg**  
-118.17394 34.19049



**Grubbing\_faceW.jpg**  
-118.17395 34.19022

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: May 7, 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>	14:50	73 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation clearing, grading
2. One skip loader, one bulldozer, three water trucks, one blade.
3. 10 personnel (Griffith, John).

**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, LEGO, COYE, ACWO, EUST, HOFI, WEKI, RLPA, CASJ, BARS, NRWS, CALT, CLSW, RSHA, KILL, NUWO, SPTO, BEWR, YEWA, MALL, SOSPO, BHGB, California ground squirrel, Western fence lizard

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

**Log Entry**

0725 Monitored skip loader crushing old fluid containers to be hauled off site.  
0750 Monitored skip loader and front loader separating and loading out large boulders.  
0802 Monitored trucks loading vegetation bins onto trucks to haul off site.  
0840 Conducted clearance sweep of vegetated area just east of the scale house.  
0915 Monitored bulldozer pulling back slope and clearing vegetation just east of the scale house.  
1005 Updated BUSH\_3 nest.  
1216 Updated YWAR\_1 nest.  
1320 Monitored skip loader removing vegetation in the sediment removal area.

**Additional Comments**

N/A

**Signature**





**Skip\_and\_front\_loader\_removing\_boulders\_facingSE.jpg**



**Trucks\_hauling\_dumpsters\_facingNE.jpg**



**Bulldozer\_removing\_vegetation\_facingN.jpg**



**Skip\_loader\_removing\_vegetation\_facingSW.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: May 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	59 °F	0-3 MPH	100 %
<b>End of Day</b>	15:08	79 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Grubbing/vegetation clearing with miguel on skiploader

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, SAPH, BUSH, YWAR, HOFI, SPTO, WEKI, CORA, CASJ, ANHU, COYE, SOSP, SAPH, MALL, AMCO, BARS

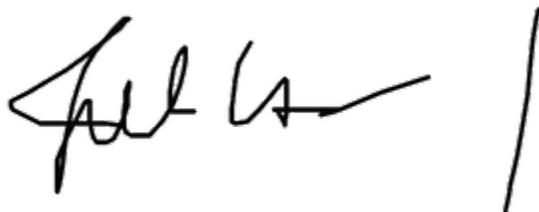
Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Checked on bush 03 nest first thing, nest has fledged. Informed Johnny and they will remove barriers. Clearing and grubbing with miguel on skiploader rest of day in area where Killdeer were nesting. Cleared area before Grubbing started. No new nests found. Watched hillside in south east corner for potential clearing. COYE and SOSP activity ++

**Additional Comments**

Signature





**Grubbing\_faceSW.jpg**  
-118.17523 34.18823



**Veg\_clearing\_faceW.jpg**  
-118.17503 34.18795

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jessie Dubus**  
**Date of Log: May 11, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:59	57 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	76 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

~10 staff from Griffith. Vegetation clearing, grading of previously cleared areas, work on western access road.  
Equipment: 3 water trucks, bulldozer, skip loader, 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:**

MODO, AMCR, CATO, WESJ, BLPH, COYE, SOSP, LEGO, KILL, CORA, WREN

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

**Log Entry**

0700 Morning briefing

0730 Did survey of area for vegetation clearing West of West access road. Suspicious COYE & SOSP behavior, staked out 75 ft buffer around tall re-growth veg (COYE-2). Monitored veg removal in surrounding area.

0945 Vegetation removal paused in this area.

1000 Work on western access road (prepping for hauling).

1130 Observed earthwork on north end of site (previously disturbed area).

1145 Surveyed central area north of dam. Several KILL pairs present, mostly in area immediately surrounding standing water. KILL mating observed on southwest berm of pond. Broken wing display observed on northwest corner of pond, however no nest found. Disallowed work in direct vicinity of pond as a precaution. Vegetation clearing commenced north of pond. High COYE activity in southeast berm off of main access road, suspected nest marked in this area.

1500 Left site.

**Additional Comments**

N/A

Signature





Veg\_clearing\_w\_of\_w\_access\_rd\_051121JNB.jpg



Earthwork\_north\_end\_051121JNB.jpg



Veg\_cleared\_near\_dam\_051121JNB.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Brian Zitt**  
**Date of Log: May 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:32	55 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	81 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Monitored vegetation clearing and grading on the southeast slope. Griffith Construction personnel used a blade and a water truck.

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

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

**List of species observed while monitoring:**

Mourning Dove, House finch, Western Scrub Jay, Acorn woodpecker, European sterling, Green parrot, American crow, Mallard, Killdeer, Cliff swallow, California towhee, Songsparrow, Western toad, Common yellowthroat, Coastal whiptail, California ground squirrel, Lesser goldfinch, Cottontail, Western fence lizard, Baja California treefrog,

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

**Log Entry**

0645 Tailboard

0700 Inspected ponded area

0730 Inspected upper road to ponded area along southeastern area. Swept the area for nests and captured and removed common amphibian species prior to and during vegetation clearing and re contouring using a blade along the southeast slope. Moved 53 toads (4 adults) 3 treefrogs out of the work area.

1452 Work activities ended.

**Additional Comments**

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jessie Dubus**  
**Date of Log: May 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:58	55 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	73 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

8 crew from Griffith. 2 water trucks, scraper, skip loader. Work on west access road, earthwork in previously graded areas.

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

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

**List of species observed while monitoring:**

AMCR, SOSP, COYE, CASJ, Cottontail, BLPH, NOMO, CALT, LEGO, CLSW, KILL, RSHA, BUSH, EUST

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

**Log Entry**

0700 Field briefing. Main focus of work today is prepping west access road and grading of previously cleared areas.

0730 Observed COYE-2. High COYE and SOSP in thick vegetation, no specific nest observed.

0815 Ongoing work includes earthwork in previously-graded central portions of project area.

0830 Checked on potential KILL nests in ponded area. Witnessed 2 separate broken wing displays, marked in Collector.

1000 Monitored disposal of vegetation piles at southeast corner.

1045 Surveyed and monitored minor vegetation clearing off of main access road.

1200 Monitored earthwork occurring at central portion of site

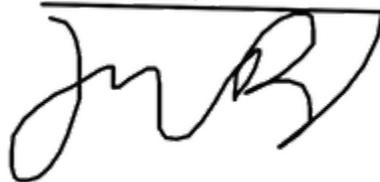
1330 Surveyed and monitored a small strip of vegetation removal.

1500 Bio left site. No additional nests and no environmental issues observed.

**Additional Comments**

N/A

**Signature**





**Grading\_near\_West\_access\_road\_051321JNB.jpg**



**Grading\_central\_project\_area\_051321JNB.jpg**



Vegetation\_clearing\_mainaccessroad\_JNB051321.jpg  
-118.17333 34.18672



Central\_vegetation\_removal\_051321\_JNB.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	57 °F	0-3 MPH	100 %
<b>End of Day</b>	14:51	75 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) Grading
- 2) Bulldozer and skid loader
- 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:**

CLSW, NRWS, CORA, ACWO, HOFI, KILL, SOSP, COYE, BLGR, LEGO, EUST, Amazona sp., BLPH, WTSW, AMCR, BARS, CALT, CASJ, CATH, BEWR, HOWR, Western toad, Desert cottontail, California ground squirrel, ANHU, ALHU, WEKI, Western side-blotch lizard, Western fence lizard, TUVU

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

**Log Entry**

0640 Arrive onsite; tailboard with John (Griffith)

0700 Begin monitoring grading activities (Pic. 1).

0900 Record nests (CLSW\_3, CLSW\_4, CLSW\_5, CLSW\_6, CLSW\_7, CLSW\_8, CLSW\_9, CLSW\_10)

1430 End monitoring

1450 Leave site

**Additional Comments**

N/A

**Signature**





**Grading\_during\_facingSouthEast.jpg**



**Grading\_during\_facingSouth.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: May 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:55	57 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	64 °F	0-3 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

No vegetation clearing today. Excavation started.

**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, RTHA, CORA, YWAR, BUSH, WAVI, CALT, SPTO, SOSP, ANHU,, LEGO CASJ, COYE, HOF, I CANG, Red-Crowned parrot, California ground Squirrel

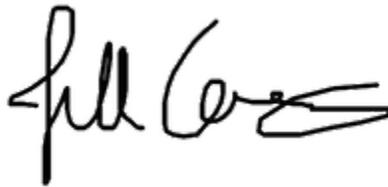
**Did You Observe any Non-Compliance Issues?**  Yes  No

**Log Entry**

Nest checks- updated in Survey123, Searched for new nests.

**Additional Comments**

**Signature**





**Dump trucks\_ready for digging\_faceWest.jpg**  
-118.17361 34.18693



**Excavating\_faceNorth.jpg**  
-118.17393 34.18889



Excavation\_FaceWest.jpg  
-118.17268 34.18993

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: May 18, 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>	15:00	75 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) excavation
- 2) Excavator, scraper, bulldozer, 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:**

ACWO, CALT, SOSP, BUSH, LEGO, Amazona spp., Coyote, HOFI, KILL, CLSW, ANHU, NRWS, MODO, WTSW, CORA, NUWO, ROPI, BLPH, COYE, CAQU, CASJ, WREN, SPTO, MALL, Gambusia sp., California ground squirrel, Western side-blotch lizard, SPSA, ALHU, Western toad (relocated), BARS, WEKI, Western fence lizard

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

**Log Entry**

0645 Onsite  
0700 Begin monitoring excavation activities (Pic.1).  
0800 Observed adult CORA feeding fledgeling. Fledgeling able to fly.  
0825 Record nest (CLSW\_11).  
1130 Coordinate with John (Griffith) about bird status on the western haul road. Still a lot of active nests.  
1445 End monitoring  
1500 Leave site.

**Additional Comments**

N/A

**Signature**





**Excavation\_during\_facingSouthWest.jpg**

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	54 °F	0-3 MPH	100 %
<b>End of Day</b>	17:10	72 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) excavation
- 2) Excavator, bulldozer, scraper, water trucks, haul trucks
- 3) John (Griffith)

**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, Amazona spp., CASJ, BLPH, COYE, HOFI, SOSP, NRWS, CLSW, WEWP, CALT, WTSW, LEGO, BHGR, BLPH, ANHU, California Ground Squirrel, MODO, AMCR, ROPI, TUVU, WIWA, HOOR, WEKI, RTHA, CAQU, SPTO, Buteo sp., BUSH, WREN, OATI

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

**Log Entry**

0640 Onsite

0700 Begin monitoring excavation activities (Pic. 1).

0820 Observed YEWA foraging in vegetation west of western haul road. Then returned to YEWA\_02. Believed to be carrying food. Species point added to field maps.

0845 Updated nest (BHGR\_1).

1500 End monitoring

1510 Leave site.

**Additional Comments**

N/A

**Signature**





Excavation\_during\_facingNorthWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Taylor Dee**  
**Date of Log: May 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:25	752 °F	0-3 MPH	90 %

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

Construction Monitoring

**Construction Activity:**

Griffith conducting sediment removal activities. Equipment includes 2 excavators, 1 dozer, 1 backhoe, 1 blade, and water trucks.

**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, COYE, Parrot sp., SPTO, KILL, LEGO, HOFI, MALL, NRWS, SOSPO, SPSA, BLPH, California Ground Squirrel, BARS, MODO, CALT, NUWO, ANHU, BHGR, HETH, CORA, EUST

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

**Log Entry**

0615 Arrived onsite at construction trailers.

0643 Met crew at staging area for construction tailboard. No tailboard was held.

0700 Haul trucks began arriving. Spoke to Daniel (LACDPW) about surveying areas along both drainages at southern end in preparation for surface water diversion work.

0715 Spoke to Joe and Johnny about the plan for the day: loading and hauling sediment. Observed excavator loading haul trucks.

0726 Began surveying southern portion of sediment removal area for special-status resources. Blade and backhoe cleaning up access roads and staging areas.

0915 Topdeck crew of 2 arrived and asked about any biological issues where they needed to install a camera along powering and Western haul road. I walked the area with them and confirmed the location was outside buffers of nesting birds. Two excavators loading haul trucks.

1026-1213 Observed and updated the status of multiple nests along project before returning to surveying southern portion of dam.

1253 Spoke to Daniel about survey progress and he clarified specifically where they wanted to work for the upcoming surface diversion.

1300 Observed two excavators continuing to load haul trucks. Continued surveying southern portion of sediment removal area for sensitive biological resources.

1458 Sediment removal is done for the day. Crews demobilizing and staging equipment

1515 Spoke to Daniel about status of resources.

1525 Left site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping, sweeping strokes that form an illegible name.

Camera and solar installation along western haul road and powerline.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:20	47 °F	0-3 MPH	0 %
<b>End of Day</b>	17:00	72 °F	0-3 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1) excavation 2) Excavator, bulldozer, scraper, water truck, haul trucks 3) John (Griffith), Daniel (LA County)

**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:**

CORA, KILL, MALL, SPSA, CLSW, NRWS, BARS, HOFI, BLPH, LEGO, CA ground squirrel, Gambusia sp., CANG, SPTO, CALT, BUSH, RTHA, WEKI, RSHA, WEWP, ANHU, ALHU, EUST, ROPI, western fence lizard, western side-blotch lizard

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

**Log Entry**

0620 onsite 0630 seine pool in the middle of the basin with Brian Zitt. No native fishes observed. 0645 coordinate with John (Griffith) about construction activities. 0800 coordinate with Daniel about pumping water. 0900 record nest (MALL\_1). 0920 continue monitoring excavation. 1215 Two-striped garter snake observed near the Altadena drain. Point recorded to field maps. 1445 end monitoring. 1500 leave site.

**Additional Comments**

N/A

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: May 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:07	91 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling
2. Two excavators, one blade, one bulldozer, one skip loader, two water trucks, bottom dump trucks.
3. 15 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:**

CALT, COYE, CORA, NRWS, BLPH, KILL, MALL, SOSP, SPSA, RLPA, HOFI, ALHU, BARS, CLSW, Western toad, Desert Cottontail Tail, California Ground Squirrel

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

**Log Entry**

0630 Arrived on site.

0700 Monitored sediment removal activities.

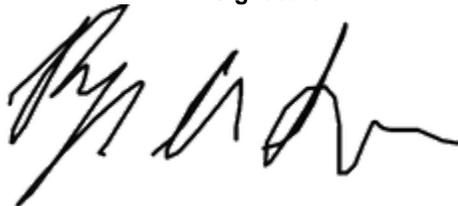
0720 Surveyed Altadena drainage and checked on MALL usage of ponded water at the base of the dam.

1250 Identified one new killdeer nest (KILL\_3). The crew was notified and a 100ft buffer was set up around the nest.

**Additional Comments**

N/A

**Signature**





Loading\_sediment\_into\_haul\_truck\_facingNorthWest.jpg  
-118.17298 34.18935

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: May 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	5 %
End of Day	15:00	86 °F	4-6 MPH	40 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling, potholing.
2. Two excavators, one blade, one bulldozer, one skip loader, two water trucks, bottom dump trucks.
3. 15 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

**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, RLP, KILL, COYE, SOSP, CALT, SPSA, NRWS, MALL, BASW, BLPH, MODO, CLSW, RTHA, YWAR, WTSW, California ground squirrel, Desert cottontail, Coyote Coastal whiptail, Western fence lizard

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

**Log Entry**

0630 Arrived on site.

0645 Checked on status of KILL\_3 nest. Still incubating.

0700 Monitored sediment removal activities.

0830 Surveyed Altadena drainage and checked on MALL/KILL usage of ponded water at the base of the dam. Heard multiple YWAR calling outside of the project area.

1115 Checked on status of KILL\_3 nest. Still incubating.

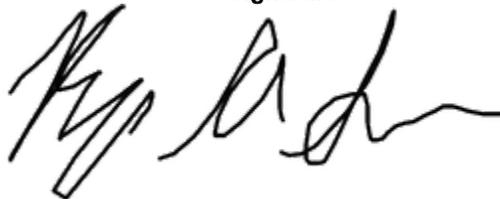
1135 Monitored Potholing along the eastern edge of the sediment removal area closest to the dam.

1150 Monitored potholing just north of ponded area.

**Additional Comments**

N/A

**Signature**





05-25-2021\_Sediment\_removal\_facingNorthWest.jpg



05-25-2021\_Potholing\_facingWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: May 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:47	59 °F	0-3 MPH	90 %
<b>End of Day</b>	15:00	81 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, grading
2. Loading trucks, excavators and dozers
3. Daniel (LA county construction manager), Alex (public works), John (Griffith foreman)

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

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

**List of species observed while monitoring:**

SOSP, KILL, CORA, RTHA, SPTO, LEGO, HOFI, CASJ, MODO, COHA, CLSW

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

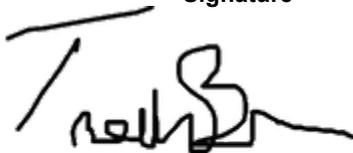
**Log Entry**

0645 Arrived on site  
0700 Observed KILL\_3 sitting on nest  
0730 Monitored sediment removal activities  
0830 Monitored MALL and surveyed Altadena drainage  
0945 Monitored grading activities South West of Altadena drainage.  
1100 Took photos of KILL\_3 buffer, and observed the adult incubating  
1130 Monitored grading activists  
1400 Monitored sediment removal

**Additional Comments**

N/A

**Signature**





**Sediment\_removal\_facingWest.jpg**  
-118.17277 34.19024



**Grading\_topsoil\_before\_facingSouthWest.jpg**  
-118.17414 34.18636



**Grading\_topsoil\_after\_facingSouthWest.jpg**  
-118.17414 34.18644

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: May 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:48	59 °F	0-3 MPH	85 %
<b>End of Day</b>	15:00	75 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal
2. Loading trucks, excavators, bulldozers
3. Daniel (County Construction manager), John (Griffith foreman), Joe (Griffith superintendent)

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

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

**List of species observed while monitoring:**

KILL, CORA, BUSH, SPSA, BLPH, MALL, CASJ, Western Toad, CLSW

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

**Log Entry**

0700 Monitored sediment removal

0730 Observed KILL\_3 incubating

0950 Gave WEAP training to Jon Halili of SGV Mosquito and vector control

1030 Surveyed Altadena drainage and monitored MALL usage of the pond

1130 Observed KILL\_3 incubating

1330 Monitored sediment removal

**Additional Comments**

N/A

**Signature**





photo\_Monitoring\_sediement\_removal.jpg  
-118.17275 34.19005

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: May 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	61 °F	0-3 MPH	100 %
<b>End of Day</b>	15:10	79 °F	7-9 MPH	30 %

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

Construction Monitoring

**Construction Activity:**

- 1) excavation
- 2) Two excavators, one bulldozer, one scraper, haul trucks, and water trucks
- 3) John (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:**

HOFI, COHA, RTHA, CORA, AMCR, Amazona spp., LEGO, SPSA, KILL, MALL, SOSPO, COYE, CALT, BHGR, WEKI, BLPH, WEWP, SAPH, ANHU, WESA, Western Toad, CLSW, NRWS, BARS, WTSW

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

**Log Entry**

0630 Onsite; coordinate with Verity (ECORP)  
0645 Coordinate with John (Griffith) for construction activities  
0700 Begin monitoring excavation.  
0830 Observed dead two-striped garter snakes. Point taken in Field Maps.  
1130 Update nest (KILL\_3)  
1500 End monitoring.  
1510 Leave site.

**Additional Comments**

N/A

**Signature**





**Excavation\_during\_facingWest.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: June 1, 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	88 °F	4-6 MPH	40 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling.
2. Two excavators, one blade, one bulldozer, two water trucks, bottom dump trucks.
3. 15 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:**

BUSH, COYE, SOSP, ALHU, KILL, SPSA, BLPH, MALL, NRWS, CASJ, BARN, SPTO, CORA, HOFI, CALT, MODO, BEWR, ATFL, CAKI, CAQU, RTHA, Common side-blotched lizard, Western fence lizard, Coastal whiptail

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

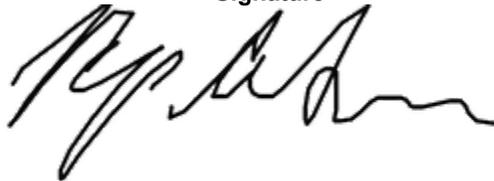
**Log Entry**

0630 Arrived on site.  
0700 Monitored sediment removal activities.  
0715 Identified one new COYE nest (COYE\_3).  
0730 Identified one new SPSA nest (SPSA\_1).  
0939 Updated KILL\_3 nest.  
1127 Identified one new MODO nest (MODO\_6).  
1137 Identified one new MODO nest (MODO\_7).  
1145 Identified one new CALT nest (CALT\_6).  
1155 Identified one new BUSH nest (BUSH\_24).  
1430 Checked on status of KILL\_3 nest. Still incubating.

**Additional Comments**

N/A

Signature





06-01-2021\_sediment\_removal\_facingWest.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	59 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	84 °F	4-6 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling.
2. Two excavators, one blade, one bulldozer, one skip loader, three water trucks, bottom dump trucks.
3. 15 personnel (Griffith; Joe), 2 personnel (Cal Earth Transport)

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

Yellow warbler

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

**List of species observed while monitoring:**

SPTO, KILL, SPSA, NRWS, COYE, SOSPO, HOFI, CALT, CORA, BARS, YEWA, MALL, CLSW, MODO, BHGB, LEGO, RSHA, ACWO, ATFL, CAKI, CASJ, BLPH, Western toad, California ground squirrel

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

**Log Entry**

0630 Arrived on site, attended tailboard.  
0641 Checked on status of KILL\_3 nest. Still incubating.  
0645 Conducted clearance sweep of all roads and work areas.  
0700 Monitored sediment removal activities.  
0800 Assessed excavator track in damage to the north of the project area.  
0910 Conducted a clearance sweep of all roads and work areas.  
1125 Updating COYE\_2 nest.  
1155 Updated YEWA\_2 nest.  
1218 Updated YEWA\_1 nest.  
1225 Updated ANHU\_11.  
1240 Updated WREN\_1.  
1300 Conducted a clearance sweep of all roads and work areas.  
1450 Checked status of KILL\_3 nest. Still incubating.

**Additional Comments**

N/A

Signature





06-02-2021\_sediment\_removal\_facingSouthEast.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: June 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:20	61 °F	0-3 MPH	90 %
<b>End of Day</b>	15:04	82 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) Excavation
- 2) Two excavators, one scraper, one bulldozer, 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:**

ACWO, CORA, HOFI, Coyote, WTSW, BARS, KILL, CASJ, SPSA, NRWS, CLSW, CALT, SPTO, ANHU, COYE, SOSPO, MALL, Amazona spp., LEGO, BLPH, California ground squirrel, WEKI, MODO, EUCD, EUST, Western toad, Baja California tree frog, Western fence lizard, Western side blotch lizard

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

**Log Entry**

0620 Onsite.  
0630 Coordinate with John (Griffith) about construction activities and potential for work life on roads.  
0640 Clear main access roads for haul trucks.  
0700 Begin monitoring (Pic. 1.)  
1045 Update nest (KILL\_3).  
1230 Assist in western toad translocation in the restoration area.  
1500 End monitoring.

**Additional Comments**

Pic1 - excavation\_during\_facingW

**Signature**





photo\_1-during\_excavation\_facingWest.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: June 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	57 °F	0-3 MPH	0 %
<b>End of Day</b>	17:10	84 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) Excavation
- 2) Two excavators, one scraper, one bulldozer, two water trucks, haul trucks
- 3) John (Griffith), Fahim and Daniel (LA County Public Works)

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

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

**List of species observed while monitoring:**

ACWO, SOSP, COYE, WEBL, CASJ, CORA, AMCR, CALT, WEKI, BLPH, OATI, BUSH, Amazona spp., BARS, NRWS, WTSW, BHGR, ANHU, NOMO, MODO, BEWR, KILL, LEGO, NUWO, Western Fence Lizard, Western Side-Blotched Lizard, PHAI, COHA, EUST, TUVU, RTHA, Western Toad, Leech, SNEG, MALL, SSHA

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

**Log Entry**

0630 Onsite; coordinate with John (Griffith)  
0640 Clear main access roads  
0700 Begin monitoring (Pic. 1). Recorded nest (BHGR\_2)  
0845 Nest update (MODO\_6)  
0900 Coordinate with Daniel and Fahim (LA County Public Works)  
0937 Coordinate with Cal Earth worker about bird buffers.  
1500 End monitoring  
1510 Leave site

**Additional Comments**

N/A

Signature





**Excavation\_during\_facingSouthEast.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: June 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	61 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	63 °F	0-3 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

Excavation north west side of site and east side of site near water tank. Checked on report by resident of CALTs feeding possible nestlings. No nest found, probable fledglings? Drove roads to check for snake presence although weather was cold in cloudy all day. Checked on KILL -03 nest, still active. Saw dump truck parked near KILL-03 nest, Explained flagging to him and told him to move and that he could not park there in the future.

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

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

**List of species observed while monitoring:**

CALT, ANHU, YEWA, CASJ, BEWR, BUSH, WEWP, SPTO

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

**Log Entry**

SEE ABOVE

**Additional Comments**

Sprinkled on and off from about 11 AM until 3 PM

**Signature**





**Excavation\_faceWest.jpg**  
-118.17228 34.19187



**Excavation\_faceEast.jpg**  
-118.17383 34.18999

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:05	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	75 °F	4-6 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling dirt, grading, moving large rocks
2. 2 excavators, tractor with bucket, scraper, water trucks
3. Griffiths (Joe Carattini, Johnny Griffiths, Alex)

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

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

**List of species observed while monitoring:**

SAPH, CALT, CASJ, BARS, KILL, CLSW, NRWS, CORA, WEBL, LEGO, ANHU, COYE, WREN, MALL, SPSA  
Western Toad, California Ground Squirrel, Whip Tail, Tree Frog

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

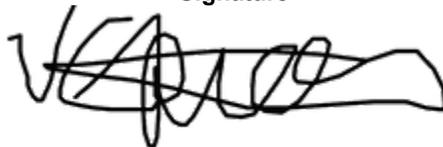
**Log Entry**

0605 Biologist arrived on site  
0630 No formal tailgate, spoke with Alex about days activities  
0700 Began site walkover  
0945 Water began flowing in from drainage on eastern side of the site, flowing into pond area  
1033 Observed predated eggshell with yolk present (34.1865579, -118.1749226) potential nest indent 2m South West no other eggs or bird present in immediate vicinity.  
1100 KILL-3 update - KILL observed on nest - incubating  
1350 SPSA observed on nest - incubating  
1400 MALL-1 observed on eastern bank of ponded area with 8 ducklings  
1405 Water flow into pond all but stopped  
1500 End of day

**Additional Comments**

Updated: MALL-1, SPSA-1. Spoke with Alex and Johnny about timeline for KILL-3.

**Signature**





**Loading\_dirt\_060821.jpg**  
-118.17346 34.1891



**Scraper\_at\_work\_060821.jpg**  
-118.17347 34.1891



**Second\_excavation\_site\_060821.jpg**  
-118.17206 34.19216



**Shot\_of\_site\_facing\_SouthEast\_060821.jpg**  
-118.17439 34.19062

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	59 °F	0-3 MPH	75 %
<b>End of Day</b>	15:10	77 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating, loading dirt into haulage trucks, hauling dirt off site
2. Two excavators, scraper, tractor with a bucket attachment, water trucks, 70 haulage trucks, bulldozer
3. Griffiths: Johnny Griffith, 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:**

KILL, MODO, CORA, ACWO, SOSP, Parrot (Amazona sp.), LEGO, CLSW, HOFI, COYE, BARS, BLPH, NRWS, SPSA, CASJ, SAPH, Western fence lizard, Whiptail, Western toad (toadlets and tadpoles), Cabbage white butterfly, California sister butterfly, California ground squirrel

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

**Log Entry**

0615 Began site walkover. Road sweep.

0630 KILL-3: KILL in nest - incubating

0700 Works began

0723 Deceased western toad looks as though it was run over (34.1937605, -118.1709610).

0900 Road sweep

0930 Conducted WEAP training for George Martinez

0945 Continued road sweep

1050 Moved western toad tadpoles from drying ponds from stream that ran to large ponded area (for a brief period yesterday) upstream

1115 Observed vegetation in South West for nesting bird activity. Lots of SOSP and COYE calling and singing

1200 KILL-3 observed incubating

1205 Conducted road sweep

1255 Checked area North West of works area (in wash, where non permitted excavator entered in late May).

Updated CALT-6, MODO-6, MODO-7. Silt fencing compromised along wash edge ( section open )

**Additional Comments**

Follow up checks on KILL-3 (incubating), MODO-6, MODO-7, CALT-6

**Signature**





**Grader\_grading\_alongside KILL-3 buffer.jpg**  
-118.17293 34.18998



**Tractor\_moving\_boulders\_to\_pile\_060821.jpg**  
-118.1729 34.19008



Excavator\_loading\_haulage\_truck\_station1\_060821.jpg  
-118.1729 34.19007



Excavation\_at\_the\_NorthWest\_end\_of\_the\_site\_06082159.jpg  
-118.17081 34.19416

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: June 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	51 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	77 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Loading and hauling dirt, grading pathways
2. Two excavators, bulldozer, tractor with bucket attachment, water trucks, grader
3. Griffiths; Johnny Griffith, 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:**

CASJ, BARS, NRWS, LEGO, SOSP, BUSH, HOFI, CLSW, CALT, YEWA, CORA, COHA, GREG, SPSA, MODO, KILL, BLPH, RTHA, Parrot (amazona sp.). California ground squirrel, Western fence lizard, Western toad (adult, tadpole, toadlet), Cottontail,

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

**Log Entry**

0615 Conducted road sweep  
0700 Works commenced  
0750 BUSH collecting nesting material on far side of ESA fencing, couldn't discern potential nest location (34.1884258, -118.1769038)  
0800 Observed vegetation in South West area for nesting bird activity. Updated BHGR-1, COYE-1  
0945 Conducted road sweep  
1120 KILL observed incubating (KILL-3)  
1200 Scoped excavator route near Johnson's field Updated CAQU-2  
1330 Conducted sweep  
1515 End of monitoring

**Additional Comments**

Crew made repairs to silt fencing - including section into wash at N end of site.

**Signature**





**Trucks\_hauling\_dirt\_photo\_1-20210610-144332.jpg**  
-118.17432 34.19065



**Ponded\_area\_to\_SouthEast\_061021.jpg**  
-118.17549 34.18672



**Excavator\_II level\_with\_Johnsons field\_061021.jpg**  
-118.17212 34.19188



**Site\_overview\_looking\_North NW.jpg**  
-118.17219 34.19167

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: June 11, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	54 °F	0-3 MPH	0 %
<b>End of Day</b>	15:30	82 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling dirt, scraping roadways, watering roadways, moving rocks
2. 2 excavators, 1 scraper, 1 tractor with bucket attachment, 1 bulldozer, water trucks, haulage trucks (around 70)
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:**

CAKI, NRWS, CORA, LEGO, KILL, BLPH, WEBL, ANHU, MALL, SBMU, ALHU, CLSW, CASJ, HOFI, CALT, CATH, MODO, BARS, Parrot (amazona sp.) Cottontail, Cabbage white butterfly, Common buckeye, Western toad, Western tiger swallowtail, Western fence lizard, Whiptail, California ground squirrel

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

**Log Entry**

0615 Conducted road sweep  
0655 Conducted WEAP training for Jimmie Domingo  
0730 Observed deceased juvenile rodent (34.1863027, -118.1742202) on a roadway near the pond - not an area currently frequented by site traffic  
0740 MALL with 7 ducklings in ponded area  
0850 Conducted road sweep  
1010 Updated MODO-6 - fledged  
1030 Walked excavator route adjacent to Johnson's field to assess for damage - sent photos and details to Mari - one ripped oak tree branch.  
1130 Investigated ESA fence boundary line to ensure accurate placement by request of Emily Burns  
1205 KILL-3 - KILL on nest - incubating  
1215 Conducted road sweep  
1330 Walked fence line at marker 17, verified fencing in the right location (using maps). Vegetation on project side not planted (invasives - perennial pepperweed and mustard)  
1420 Found deceased gopher snake on main access road (between entrance and water tank)  
1450 Measured area where vegetation was removed without supervision  
1520 Alerted Joe to water tank overflowing  
1530 Finished monitoring

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, appearing to be 'V. K. M.', written in a stylized, cursive font.

Haulage\_trucks\_at\_the\_weigh\_station\_061121.jpg  
-118.1766 34.18755



Overview\_of\_site\_from\_SouthWest\_looking\_NorthEast.jpg  
-118.17582 34.18939



photo\_3\_Excavator\_loading\_trucks\_-20210611-161738.jpg  
-118.17352 34.19134



**Excavator 1 of 2\_061121.jpg**  
-118.17362 34.18801

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: June 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	96 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal and grading, Sediment moving trucks and graders Joe, superintendent of Griffith and Fahim, construction manager from Public works

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

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

**List of species observed while monitoring:**

CASJ, KILL, CORA, BEWR, SNEG, MALL, GRHE, HOFI, CLSW, SOSP, Western Toad, Side Blotched Lizard

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

**Log Entry**

0700 monitored sediment removal activities

0715 observed KILL\_3 incubating

0730 Swept perimeter for reptiles

0830 Met Fahim, the Public works construction manager and he assured me that no vegetation clearing is to be done without a monitor present.

0900 Surveyed South West patch of vegetation for active nests

1030 Monitored sediment removal another observed KILL\_3 incubating

1200 Swept perimeter for reptiles

0100 Surveyed South West patch of vegetation

0200 Swept perimeter for reptiles

0315 Left the site for the day

**Additional Comments**

N/A

**Signature**





Soil\_removal\_facingSouthWest.jpg  
-118.17265 34.18965

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: June 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	68 °F	0-3 MPH	10 %
<b>End of Day</b>	15:00	100 °F	4-6 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, Loading trucks Joe, Superintendent from 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:**

Kill, CLSW, CORA, SOSP, HOFI, Western Toad

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

**Log Entry**

0700 Observed KILL\_3 incubating

0730 Swept perimeter for reptiles

0830 Monitored sediment removal activities

1030 Swept perimeter for reptiles and noted three killdeer chicks with two adults near the pond at the southern end of the site.

1130 Observed KILL\_3 nest and noted that no adults were seen incubating for 2 hours. No eggs were found in the nest.

0100 Swept the perimeter for reptiles

0300 Left the site for the day

**Additional Comments**

KILL\_3 presumably fledged successfully and the killdeer chicks observed near the pond at the southern end of the site are likely the chicks from the KILL\_3 nest. Tomorrow I will survey the KILL\_3 nest again to confirm that it successfully fledged before telling the crew that they can begin to use the area surrounding the nest.

**Signature**





**Sediment\_removal\_facingSouthEast.jpg**  
-118.17314 34.18988

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: June 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	73 °F	0-3 MPH	25 %
<b>End of Day</b>	15:00	94 °F	4-6 MPH	50 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, Loading trucks, dozers, graders, Daniel county construction manager and Joe Griffith 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:**

KILL, HOFI, CLSW, CORA, YEWA, BLPH

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

**Log Entry**

0700 Surveyed the area around KILL\_3 and confirmed that the nest was successful

0730 Spoke with the crew about the removal of the nest buffer and swept the perimeter for reptiles

0800 Surveyed the vegetation in the South West area of the site

0930 Monitored sediment removal at the northwest area of the site

1030 Swept for reptiles along the perimeter

1200 Surveyed the Vegetation in the South West area of the site

0100 Swept the perimeter for reptiles

0300 Left the site for the day

**Additional Comments**

N/A

**Signature**





**Sediment\_removal\_facingSouth.jpg**  
-118.17342 34.18934



**Sediment\_removal\_facingNorth.jpg**  
-118.17332 34.19093

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: June 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	68 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	96 °F	4-6 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, Grading, some vegetation clearing with grader, Bucket loader, Loading trucks, John Griffith foreman

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

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

**List of species observed while monitoring:**

HOFI, SOSP, CLSW, KILL, SNEG, Western Toad, COYE, CASJ, BLPH, Coastal Whiptail, CAL, Western Side-Blotched Lizard, WEKI, PHAN, RTHA

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

**Log Entry**

0700 Surveyed South West vegetation

0745 Gave WEAP training to Anthony

0830 Monitored slope grading

0930 Swept perimeter for reptiles

1130 Monitored grading and leveling near of the northern edge of the site. Surveyed small shrubs and herbs before they were cleared.

0130 Monitored sediment removal

0200 Monitored grading and leveling of northern edge of the site.

0300 Left site for the day

**Additional Comments**

Precipitation between 1100-1230. Small herbs were removed during grading of northern edge of site. Vegetation was surveyed, western side-blotched lizards were removed from the area before grading occurred.

**Signature**





**Slope\_grading\_facingSouthWest.jpg**  
-118.17293 34.18865



**Sediment\_removal\_facingSouthWest.jpg**  
-118.17293 34.18869



**Leveling\_Northern\_edge\_before\_facingNorth.jpg**  
-118.17096 34.19419



**Leveling\_northern\_edge\_after\_facingNorth.jpg**  
-118.17094 34.1941

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Trevin Braun**  
**Date of Log: June 18, 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>	15:00	92 °F	4-6 MPH	50 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, Loader trucks, John Griffith 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:**

KILL, SOSP, HOFI, CORA, MALL, Western Toad, CALT, COYT, LEGO, BUSH, BLGR, Coastal Whiptail

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

**Log Entry**

0700 Surveyed the South West patch of vegetation

0800 Swept perimeter for reptiles

0900 Monitored sediment removal

1030 Swept perimeter for reptiles and surveyed South West patch of vegetation

0130 Surveyed vegetation, and swept perimeter for reptiles

0300 Left the site for the day

**Additional Comments**

N/A

**Signature**





**Sediment\_removal\_facingNorthEast.jpg**  
-118.17369 34.19024

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	61 °F	0-3 MPH	100 %
<b>End of Day</b>	15:40	86 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

- 1) excavation
- 2) excavator, bulldozer, scraper, haul trucks, two water trucks
- 3) John (Griffith), 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, SOSP, COYE, KILL, CALT, BHGR, Amazona spp., MODO, HOFI, LEGO, NOMO, BLPH, CAKI, NRWS, CLSW, desert cottontail, California ground squirrel, CASJ, RSHA, ANHU, ALHU, CAQU, COHA, side-blotched lizard, western fence lizard, western toad, Baja California tree frog

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

**Log Entry**

0630 onsite  
0700 coordinate with John (Griffith); begin monitoring excavation activities (Pic. 1).  
0710 update nest (KILL\_3)  
1400 spot-check SoCal gas crew looking for gas line (Pic. 2).  
1500 monitor crew excavating near gas and water line (Pic. 3).  
1530 end monitoring.  
1540 leave site.

**Additional Comments**

N/A

**Signature**





photo\_1- excavation1\_during\_facingSW.jpg



photo\_2- spot\_check\_during\_facingSW.jpg



photo\_3- excavation2\_during\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: June 22, 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	89 °F	4-6 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling dirt
2. Two excavators, 1 scraper, water trucks, haulage trucks
3. 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:**

BLPH, CALT, CLSW, Parrot (amazona sp.), ALHU, SOSP, LEGO, KILL, HOFI, CORA, Cottontail, Whiptail, Western toad, Cabbage white butterfly

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

**Log Entry**

0600 Arrived on site, gathered folder and equipment. Began road sweep.

0655 Work commenced

0800 ESA fencing compromised (marker 11+50)

0815 Observed vegetation in South West for Nesting bird activity. Lots of activity in area SOSP, LEGO no nests observed.

0850 Conducted road sweep

0950 Lots of KILL activity between arroyo creek and once ponded area, observed to check for nests - none observed

1030 Observed SPSA-1 observed for twenty minutes, no activity observed, no SPSA observed on site - potentially failed?

1100 Observed vegetation in South West looking for Nesting Bird activity

1155 Conducted road sweep

1325 Observed CLSW nests under spillway bridge; updated CLSW\_4, CLSW\_5 and added CLSW\_12, CLSW\_13, CLSW\_14

**Additional Comments**

N/A

**Signature**





**Excavator\_loading\_haulage\_trucks\_062221.jpg**  
-118.17303 34.1887



**Excavator\_2\_northern\_end\_062222.jpg**  
-118.17087 34.19393



Site\_view\_facing\_NE.jpg  
-118.17183 34.19355



Excavator\_moving\_dirt\_photo\_4-20210622-145141.jpg  
-118.17369 34.19119

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:10	63 °F	0-3 MPH	20 %
<b>End of Day</b>	15:00	88 °F	4-6 MPH	20 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling dirt
2. Two excavators, water trucks, 1 scraper, 1 bulldozer, haulage trucks
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:**

SOSP, CORA, AMCR, CLSW, LEGO, ALHU, ANHU, BLPH, GRHO, KILL, parrot (Amazona spp.) western toad, cabbage white butterfly, whiptail

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

**Log Entry**

0710 Arrived on site. Commenced road sweep  
0830 Observed southwest vegetation for nesting bird activity  
0930 watched SPSA\_1 for 25 minutes, no SPSA observed, potentially failed?  
1000 conducted road sweep  
1120 checked for nesting bird activity around previously ponded area. A lot of KILL activity to the north of previously ponded area; no nests observed  
1230 conducted road sweep  
1340 observed spillover bridge; added CLSW\_15, CLSW\_16, updated CLSW\_3  
1500 End of monitoring

**Additional Comments**

N/A

**Signature**





**Dried pond area at southern end of the site\_062321.jpg**  
-118.17559 34.18626



**Weighing station and trim area\_062321.jpg**  
-118.17651 34.18757



Site overview facing NW\_062321.jpg  
-118.17312 34.18953



photo\_4-sediment hauling activites.jpg  
-118.17259 34.1918

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: June 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	57 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	86 °F	4-6 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling.
2. Two excavators, one blade, one bulldozer, one skip 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

Yellow warbler

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

**List of species observed while monitoring:**

COYE, KILL, CLSW, SOSPO, SBMU, NRWS, HOFI, LEGO, HOWR, RTHA, ACWO, CASJ, RLPA, BUSH, SPTO, CALT, MODO, RSHA, desert cottontail, western toad, side-blotched lizard

**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.

0700 monitored sediment removal activities.

0950 monitored skip loader and front loader rolling the ground near the northern end of the project area to compact the soil enough for bottom dump trucks to drive on.

0930 conducted clearance sweep of all roads and work areas.

1000 updated MODO\_7

1009 updated and deactivated BHGR\_2

1041 updated and deactivated MALL\_

1230 conducted clearance sweep of all roads and work areas.

**Additional Comments**

N/A

Signature





06-24-2021\_hauling\_sediment\_facingSW.jpg



06-24-2021\_compacting\_soil\_facingW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: June 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	57 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	83 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, loading, and hauling.
2. Two excavators, one blade, one bulldozer, one skip 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

Yellow warbler

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

**List of species observed while monitoring:**

COYE, KILL, SPTO, NRWS, SOSP, CALT, YEWA, HOFI, SBMU, CLSW, ANHU, CORA, desert cottontail, western fence lizard

**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.

0700 monitored sediment removal activities.

0930 conducted clearance sweep of all roads and work areas.

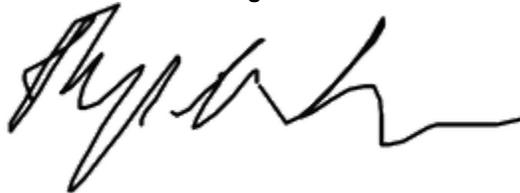
1230 observed water truck exceeding the speed limit. Notified LACDPW inspector and construction manager.

1245 conducted clearance sweep of all roads and work areas.

**Additional Comments**

N/A

Signature





06-25-2021\_loading\_and\_hauling\_sediment\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Date of Log: June 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:00	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	93 °F	0-3 MPH	20 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling sediment
2. 2 excavators, scraper, front loader, bulldozer, 2 water trucks, haulage trucks (>70)
3. 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:**

BLPH, KILL, parrot (*Amazona* sp.), SOSA, LEGO, CLSW, ALHU, HOFI, CALT, whiptail, California ground squirrel, cabbage white butterfly, western toad, monarch butterfly

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

**Log Entry**

0600 Biologist arrived on site. Began clearance sweep

0700 work commenced

0740 observed vegetation in southwest area of the site for nesting bird activity

0850 conducted clearance sweep

1010 walked transects at southern end of site to check for KILL nests, lots of activity in that area (no nests observed)

1140 SPSA\_1 eggs present no SPSA observed. Nest failed based on timings of previous observations.

1200 measured oak branch broken off by excavator along Johnson's field route (approx 3m long, 1.5in diameter)

1230 began clearance sweep

1345 observed southwest section of site for nesting bird activity

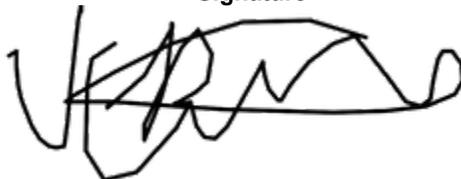
1440 observed KILL activity in southern section

1500 end of monitoring

**Additional Comments**

N/A

**Signature**





**Excavator\_1\_eastern edge looking SW.jpg**  
-118.1722 34.19189



**Site overview looking south from marker 31.jpg**  
-118.17151 34.1929



**Overview of site looking NW.jpg**  
-118.1714 34.1932



**photo\_4-sediment hauling activities.jpg**  
-118.17088 34.19393

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: June 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	64 °F	0-3 MPH	70 %
<b>End of Day</b>	15:00	84 °F	4-6 MPH	75 %

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

Construction Monitoring

**Construction Activity:**

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

**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:**

RLPA, AMKE, NRWS, CLSW, CASJ, YEWA, HOFI, AMCR, ANHU, SOSP, ALHU, SPTO, LEGO, CORA, MODO, COYE, HOWR, WTSW, TUVU, KILL, western fence lizard, California ground squirrel, coastal whiptail

**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.

0700 monitored sediment removal activities.

0715 surveyed vegetated southwest corner of project area for nesting activity.

0930 conducted clearance sweep of all roads and work areas.

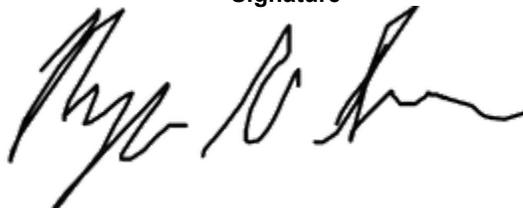
1220 conducted clearance sweep of all roads and work areas.

1333 updated COYE\_2.

**Additional Comments**

N/A

**Signature**





06-29-2021\_loading\_and\_hauling\_sediment\_facingN.jpg



06-29-2021\_trenching\_and\_grading\_facingN.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:00	62 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	95 °F	0-3 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating and hauling sediment
2. 2 excavators, 2 water trucks, 1 scraper, 1 bulldozer, 1 front loader, 1 vehicle maintenance truck, between 70 and 75 haulage trucks
3. 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, CORA, parrot ( Amazona sp.), CALT, LEGO, SOSP, ALHU, BARS, AMKE, KILL, HOFI, CLSW, MODO, monarch butterfly, cabbage white butterfly, western toad, California ground squirrel, California sister butterfly, coyote, western tiger swallowtail butterfly

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

**Log Entry**

0600 arrived on site. Began clearance sweep  
0700 work commenced  
0800 observed vegetation in southwest section for nesting bird activity  
0930 conducted clearance sweep  
1045 monitored for KILL activity in southern section of site  
1150 conducted clearance sweep  
1310 observed vegetation in southwest section just outside ESA  
1500 end of monitoring

**Additional Comments**

N/A

**Signature**





**Overview of northern section of site\_063021.jpg**  
-118.17162 34.19312



**Northern end of the project site\_063021.jpg**  
-118.17018 34.19422



**photo\_3-sediment hauling activities.jpg**  
-118.17288 34.19157



**Southern end of site\_063021.jpg**  
-118.17542 34.18669

Habitat Restoration Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	4-6 MPH	0 %
<b>End of Day</b>	13:30	81 °F	4-6 MPH	100 %

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

Restoration monitoring

**Construction Activity:**

Natures Image crew of 6 digging with an excavator, digging trenches with shovels, fusing pipe and laying irrigation in DG-W-2.

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

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

**List of species observed while monitoring:**

ACWO, CALT, NUWO, NOFL, RCPA, CAQU, RCKI, ROPI, BLPH, MODO, WCSP, western fence lizard, CASJ, SPTO, ANHU, SOSP, WEKI, RTHA, San Diego alligator lizard

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

**Log Entry**

0645: found an ACWO nest in the parking lot near the dumpster. Took a few minutes to observe and get a point.

0655: performed a nesting bird survey in DG-W-2.

0705: crew began fusing pipe in DG-W-2. Monitored this.

0905: crew began digging a trench to bury a 2 inch pipe beneath a low flow channel.

1200: monitored use of an excavator in DG-W-2.

1210: relocated a juvenile San Diego alligator lizard off the worksite.

1320: crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-trench\_digging\_DG-W-2\_facingS.jpg  
-118.17382 34.19351



photo\_2-new\_irrigation\_DG-W-2\_facingS.jpg  
-118.17409 34.19354



photo\_3-excavator\_use\_DG-W-2\_facingE.jpg  
-118.17418 34.1936



photo\_4-digging\_progress\_DG-W-2\_facingN.jpg  
-118.17411 34.19346

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	45 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	85 °F	4-6 MPH	70 %

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

Restoration monitoring

**Construction Activity:**

Five Labor Finders workers and two Natures Image workers performing vegetation removal using hand held tools in DG-5. Daniel- Natures Image foreman

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

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

**List of species observed while monitoring:**

RTHA, NUWO, COHA, MODO, SOSPO, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, NOFL, ACWO, RCKI, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, NOMO, EUST, WBNU, OCWA, WTSW, TUVU, HOWR, ALHU, coyote, STJA, BHGR, PUF1, western toad, western fence lizard, Botta's pocket gopher, WEKI

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

**Log Entry**

0645 biologist arrived onsite and met with crew. Crew worked in DG-5 using hand pulling/hand-held tools (non-mechanical) on non-natives, mostly in vegetative stage and some starting to flower (hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. One new BUSH\_10 observed. The biologist answered plant questions and gave guidance, pin flagging natives for avoidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew picked up their trash and the biologist completed report and left the site at 1515.

**Additional Comments**

I have heard that from the crew that there is a person who has German Shepard dogs that harass coyotes. There have been multiple observations of this.

**Signature**





**Vegetation\_clearing\_during.jpg**  
-118.17679 34.19074



**Vegetation\_removal\_during.jpg**  
-118.17645 34.19103

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	0 %
End of Day	14:55	77 °F	7-9 MPH	0 %

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

Restoration monitoring

**Construction Activity:**

Labor Finders crew of 6 hand pulling perennial pepperweed and mustard in DG-4B, Natures Image crew of 12 clearing poison hemlock, laying irrigation, digging with an excavator, and fusing pipe in DG-W-2 and DG-W-2 mining pit outlet.

**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, CAKI, CAQU, SOSPO, HOFI, BUSH, SPTO, CALT, CATH, ANHU, ACWO, western fence lizard, NOFL, CASJ, EUST, NUWO, California kingsnake

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

**Log Entry**

0645: performed a nesting bird survey in DG-4B.

0655: cleared Labor Finders crew to begin vegetation clearing in DG-4B. Performed a nesting bird survey in DG-W-2.

0715: cleared Natures Image crew to begin clearing vegetation in DG-W-2. Monitored vegetation clearing in both DG-4B and DG-W-2.

0745: Natures Image crew began fusing pipe and laying irrigation in DG-W-2. Monitored this.

0900: 2 members of the Natures Image crew worked on digging a trench to submerge some 2 inch pipe, another crew member watered potted plants.

1010: a few Natures Image crew members began digging holes in DG-W-2.

1130: Labor Finders crew began working on cleanup.

1200: Labor Finders crew left for day, Natures Image crew working on vegetation clearing began working on cleanup. At this point, the rest of the crew was working on laying new irrigation and fusing pipes.

1300: monitored use of an excavator to dig holes in DG-W-2. Relocated a California kingsnake out of the work area.

1445: crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-DG-4B\_before\_vegetation\_clearing\_facingE.jpg  
-118.17511 34.19198



photo\_2-DG-4B\_after\_vegetation\_clearing\_facingE.jpg  
-118.17514 34.19203



photo\_3-crew\_fusing\_pipe\_facingW.jpg  
-118.17456 34.19246



photo\_4-excavator\_use\_facingW.jpg  
-118.17412 34.19348

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	72 °F	7-9 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 6 hand pulling poison hemlock, mustard, and erodium in DG-4 near the twin boulders 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:**

CALT, CAQU, SPTO, SOSP, BUSH, ANHU, BTYW, CASJ, STJA, HOFI, YRWA, LAGO, EUST, ACWO, WEBL, CATH, BEWR, BCHU, AMCR, desert cottontail, MALL, KILL, COYE, WEKI, WREN, COHU, ROPI, MODO, ATFL, common side-blotched lizard, COHA, RSHA, western fence lizard

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

**Log Entry**

0645: performed a nesting bird survey in DG-4.

0655: cleared crew to work, monitored vegetation clearing near the twin boulders field in DG-4.

1200: moved crew slightly southeast to the other side of the twin boulder area.

1450: crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

**Signature**





**photo\_1-DG-4\_before\_vegetation\_clearing\_facingW.jpg**  
-118.17538 34.19127



**photo\_2-DG-4\_after\_vegetation\_clearing\_facingW.jpg**  
-118.17536 34.1913



photo\_3-DG-4\_before\_vegetation\_clearing\_facingN.jpg  
-118.17524 34.19118



photo\_4-DG-4\_after\_vegetation\_clearing\_facingN.jpg  
-118.17525 34.19122

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	0 %
<b>End of Day</b>	14:40	72 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Monitoring Natures Image planting crew of 10 including foreman Daniel Holmes, working on west side, DG-W-2 Mining Pit and DG-W-2 Mining Pit Outlet.

**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, CAQU, ACWO, CASJ, BEWR, BUSH, OATI, NOMO (injured leg), CALT, SPTO, ANHU, ALHU, PUFU, WCSP, LEGO, BUOR, AMRO, COHA, side-blotched lizard, western fence lizard, COHA, RSHA, RTHA, TUVU, CORA, BGGN, coastal whiptail

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

**Log Entry**

0645 checking on hummingbird nests etc in DG-W-2 Mining Pit. ANHU\_5 sitting tight (assume incubating), ANHU\_4 nestlings (2) still there, look very large. BUSH\_8 has not taken any more shape since 7 days ago, possibly abandoned, OATI seen gathering bark and fluff, taking it all the way back to live oaks beyond access road, about 400 feet to west, vicinity of 34.193783°N 118.174807°W, out of project area boundary. Monitoring four workers continue to pull weeds (primarily hemlock and pepperweed) on southeast side of new channel in DG-W-2. The Cardamine species in this area is non-native *C. hirsuta* and is approved for removal. I may have mis-ID'd last week's Cardamine as the native *C. oligosperma*, which is listed on several local plant lists. I have my plant lens with me now and am inspecting them more thoroughly. Also some weeding and irrigation work in DG-W-2 Mining Pit Outlet further south.

1130 Daniel starts augering new holes in DG-W-2 Mining Pit, in vicinity of 34.193552°N 118.174102°W.

1415 observing first coastal whiptail of season in DG-W-2 irrigation installation area. Also monitoring irrigation setup and weeding to the southeast in same area. Weeding crew done at 1440.

1430 there is a Tom Sawyer Camps guy releasing young California ground squirrels from live traps caught in their horse area, 0.25 mi north, into the dumpster area. Daniel is concerned but I don't think there's anything illegal going on, will ask Stillwater.

**Additional Comments**

N/A

Signature





photo\_1-hand-pulling\_DG-W-2\_facingS.jpg  
-118.17415 34.19266



photo\_2-augering\_for\_planting\_DG-W-2\_Mining\_Pit\_facingS.jpg  
-118.174 34.19361



photo\_3-irrigation\_line\_DG-W-2\_facingSE.jpg  
-118.17443 34.19328



photo\_4-after\_hand-pulling\_DG-W-2\_facingW.jpg  
-118.174 34.19265

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	72 °F	0-3 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 6 (including Charlie from planting crew) hand-pulling on 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:**

HOFI, PUF1, CASJ, RSHA, RCPA, SOSP, SPTO, CALT, HOWR, ALHU, ANHU, STJA, BUSH, CAQU, WEBL, side-blotched lizard, western fence lizard, western toad, COYE, MODO

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

**Log Entry**

0645 crew starts weeding around plantings in DG-4, DG-4A, along south-central access road, vicinity of 34.190786°N 118.175307°W. I am flagging out a 50-ft buffer around BUSH\_9 nest discovered last week. The bushtits are still placing material inside nest and are tolerant of one worker hoeing the pepperweed directly underneath.

0900 one of the workers discovered a tripped rat spring trap at 34.191751°N 118.175634°W with bird feathers and blood, feathers suggest California towhee, along with 3 gallon ziploc bags ripped open, one of those with feathers. Daniel and Mike came to investigate; we could not find any more traps. We think it was just kids fooling around but who knows. I later bagged up the evidence at the end of day. Mike spoke to Margie and I emailed her photos later on. Back with crew, there may be native *Elymus triticoides* (not flowering yet) and native *Bromus carinatus* (flowering), plus native horseweed, poppy, etc, growing amongst *Br. hordaceus*, *Br. madritensis*, *Festuca myuros*, Lupine, Phacelia, etc. Given that there are a lot of native forbs mixed in here, crews are focusing on pepperweed, conium, non-native grass seed heads, etc. I'm advising the crew to hand-pull the pepperweed rather than just cut off the leaves with the hoe or tiller and risk letting it resprout. COYE, SPTO, SOSP to be aware of in this area as the understory vegetation gets taller.

1230 crew seems to be slowing down, socializing, and I called Daniel to meet with them for motivation and to ensure that the weeds inside the planting watering rings get pulled.

1430 crew is done pulling. I then get a few more photos, notes, and coordinate with Daniel and Mike on a few nests, etc.

**Additional Comments**

N/A

Signature





photo\_1-hand-pulling\_DG-4\_allowed\_under\_BUSH9\_nest\_facingW.jpg  
-118.17541 34.19082



photo\_2\_DG-4\_after\_hand-pulling\_facingN.jpg  
-118.1751 34.19044



photo\_3-DG-4\_hand-pulling\_facingS.jpg  
-118.17503 34.19038



photo\_4-DG-4\_after\_hand-pulling\_facingS.jpg  
-118.17504 34.19039

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	0-3 MPH	90 %
<b>End of Day</b>	15:00	72 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 laying irrigation, digging with an excavator, and clearing perennial pepperweed and mustard in DG-W-2 and DG-W-2 mining pit outlet.

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

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

**List of species observed while monitoring:**

HOFI, WEBL, ACWO, WREN, BUSH, MODO, CATH, BEWR, SOSP, CASJ, CAKI, SPTO, NOFL, RTHA, HETH, western fence lizard, San Diego alligator lizard.

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

**Log Entry**

0645: monitored vegetation clearing and irrigation setup in DG-W-2 and DG-W-2 mining pit outlet.

0730: found a BEWR constructing a nest in DG-W-2. crew was advised to avoid and the area was flagged. Several crew members switched to working on cleaning up after the crew who left piles from a previous day.

0740: relocated a juvenile western fence lizard out of the work area.

1020: relocated a juvenile San Diego alligator lizard.

1345: monitored use of an excavator in DG-W-2.

1500: crew members wrapped up for the day.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_DG-W-2\_facingS.jpg  
-118.1742 34.19273



photo\_2-after\_vegetation\_clearing\_DG-W-2\_facingS.jpg  
-118.17417 34.19276



photo\_3-new\_irrigation\_DG-W-2\_facingN.jpg  
-118.17452 34.19304



photo\_4-excavator\_use\_DG-W-2\_facingS.jpg  
-118.17395 34.19359

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	0-3 MPH	10 %
<b>End of Day</b>	14:47	79 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 hand pulling perennial pepperweed, digging holes, and clearing vegetation piles in DG-W-2, DG-W-2 mining pit.

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

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

**List of species observed while monitoring:**

BEWR, CALT, SPTO, CASJ, ACWO, OATI, COYE, OCWA, EUST, CAQU, RCPA, HOFI, STJA, BGGN, MODO, YRWA, LEGO, CAKI

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

**Log Entry**

0645: monitored vegetation clearing and clearing of old vegetation piles in DG-W-2.

0830: performed a nesting bird survey in the far north part of DG-4 for Tetra Tech, who is planning to move one of its monitoring stations there.

1230: crew finished up in DG-W-2, began pulling vegetation in DG-W-2 mining pit.

1300: monitored use of an excavator in DG-W-2.

1440: crew began wrapping up digging and pulling while I inspected the site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink that reads "Mick Walsh". The signature is written in a cursive, slightly slanted style.



photo\_1-before\_vegetation\_pulling\_DG-W-2\_facingS.jpg  
-118.17419 34.1926



photo\_2-after\_vegetation\_pulling\_DG-W-2\_facingS.jpg  
-118.1742 34.19261



photo\_3-digging\_with\_excavator\_DG-W-2\_facingSW.jpg  
-118.17413 34.19362

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	80 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Six Labor Finders workers and two Natures Image workers performing vegetation removal using hand held tools in DG-4. Charlie, Natures Image foremen.

**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, COHA, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ACWO, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, NOMO, EUST, TUVU, HOWR, ALHU, western toad, western fence lizard, CAKI, COYE, RSHA

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

**Log Entry**

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 using hand pulling/hand-held tools(non-mechanical) on non-natives, (pepperweed, hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. One new SOSP\_1 observed. The biologist answered plant questions and gave guidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew picked up their trash and the biologist completed report and left the site at 1515.

**Additional Comments**

Signature





**Vegetation\_removal\_during.jpg**  
-118.17515 34.19017



**Vegetation\_removal\_before\_facingSE.jpg**  
-118.17465 34.19183

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 8, 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>	15:00	77 °F	7-9 MPH	1 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 working on irrigation and hand pulling perennial pepperweed, mustard and poison hemlock in DG-W-2, DG-W-2 mining pit outlet.

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

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

**List of species observed while monitoring:**

WREN, ACWO, CALT, SOSP, BEWR, ANHU, COHA, CASJ, NUWO, BUSH, LEGO, SPTO, CAKI, YRWA, western fence lizard, desert cottontail.

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

**Log Entry**

0645: gave weep training to a new crew member.

0710: monitored vegetation clearing in DG-W-2 mining pit outlet.

0820: monitored pipe fusion in DG-W-2.

0840: spotted the Tetra Tech driver who was installing a new monitoring station as he drove a forklift down a service road in DG-4.

1200: found a bushtit nest early in construction in DG-W-2. Crew was advised to avoid and the area was flagged.

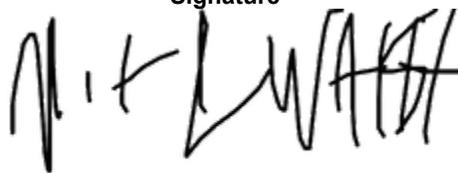
1337: discovered 3 citizens in DG-4 near the twin boulders area lighting off fireworks. They were asked to leave and they ran away.

1440: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_facingS.jpg  
-118.17462 34.1921



After weeding\_DG-W-2 outlet.jpg



photo\_3-irrigation\_work\_DG-W-2\_facingN.jpg  
-118.17432 34.19313



photo\_4-firecrackers\_DG-4\_facingS.jpg  
-118.17531 34.19107

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	80 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Six Labor Finders workers and two Natures Images workers performing vegetation removal using hand held tools in DG-4. Charlie, Natures Image foremen.

**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, MODO, SOSP, OATI, RCPA, CASJ, CATH, YRWA, BLPH, BUSH, CORA, WCSP, ACWO, ANHU, CALT, BEWR, AMCR, HOWR, HOFI, LEGO, California ground squirrel, BGGN, WREN, WEBL, BUSH, CAQU, SPTO, CANG, ALHU, EUST, TUVU, HOWR, ALHU, western fence lizard, CAKI, COYE, RSHA, toad tracks, cottontail, WTSW

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

**Log Entry**

0645 biologist arrived onsite and met with crew. Crew worked in DG-4 using hand pulling/hand-held tools(non-mechanical) on non-natives, (pepperweed, hemlock, mustard, Hordeum sp., Bromus spp., non-native grasses). Throughout the day, the biologist was searching for bird nest and breeding behavior. The biologist answered plant questions and gave guidance. The crew tarped removed vegetation and delivered to dumpster. The biologist reminded the crew to pick up their trash and the biologist completed report and left the site at 1515.

**Additional Comments**

A young cottontail rabbit was found dying. It had a broken leg and skull appeared uneven, nose/mouth bleeding. This did not appear to be project related because the crew member working in the area was not using any tools.

**Signature**





**Vegetation\_removal\_during.jpg**  
-118.17461 34.1917



**Vegetation\_clearing\_after\_facingN.jpg**  
-118.17453 34.19164

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	10 %
<b>End of Day</b>	14:52	79 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures image and labor finders crew of 13 hand pulling perennial pepperweed, mustard, poison hemlock and geosop foot (*Chenopodium album*) in DG-W-2 mining pit outlet and DG-W-2.

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

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

**List of species observed while monitoring:**

BUSH, SOS, BEWR, SPTO, CATO, CATH, ANHU, WCSP, NOFL, RCPA, MODO, CAQU, OATI, RTHA, CAKI, common side blotched lizard, western fence lizard, BHGR, desert cottontail.

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

**Log Entry**

0645: checked on a bushtit nest in DG-W-2 and advised the crew leads on how to approach a work area near it ( BUSH\_11). 0700: monitored vegetation clearing in DG-W-2 mining pit outlet. 0820: nests ANHU\_4 and BUSH\_8 were confirmed inactive by myself and Margie. Old flagging was removed, and the natures image crew was moved in to weed the area, which was in DG-W-2. 1140: half of the labor finders crew was moved into the mining pit to weed the channel. 2 natures image crew members worked on irrigation in DG-W-2. 1210: monitored digging with an excavator in DG-W-2. 1250: mourning dove nest discovered in DG-4A near the sheetflow area, nest was logged in collector (MODO\_1) and crew was advised to avoid. 1435: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_veg\_clearing\_mining\_pit\_outlet\_facingSW.jpg  
-118.17584 34.19153



photo\_2-after\_veg\_clearing\_mining\_pit\_outlet\_facingSW.jpg  
-118.17589 34.19146



photo\_3-before\_veg\_clearing\_DG-W-2\_facingW.jpg  
-118.17412 34.19299



photo\_4-after\_veg\_clearing\_DG-W-2\_facingW.jpg  
-118.17419 34.19301

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	51 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	70 °F	0-3 MPH	20 %

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

Restoration Monitoring

**Construction Activity:**

Planting crew: Natures Image crew of 7 incl foreman Daniel Holmes working on 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:**

CALT, ANHU, ALHU, RCPA, BUSH, YRWA, BHGR\*, ATFL\*, AMRO, WCSP, Woodrat middens, CAQU, SPTO, HOOR\*, ACWO, NUWO, OATI, BEWR, BLPH, SOSP, Fence lizard, Sagebrush lizard, Desert cottontail, RTHA, COHA, PUFI, COYE \*first 2021 obs

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

**Log Entry**

0645 Gave environmental training to new NI worker Oscar Ortiz, then we joined crew weeding in DG-W-2 Mining Pit. I clarified the nesting buffers here for the fledged ANHU nest, abandoned BUSH\_8 nest (no buffer), and new BUSH\_11 nest.

1000 Daniel wanted to start augering at N end of DG-W-2 Mining Pit so I checked on CASJ-4 nest and it has failed, empty. I updated collector and removed flags at this lower level.

1030 Began monitoring auger/excavator.

1200 Two workers arrive to pull pepperweed, hemlock, mustard, curly dock that overgrown in now-released CASJ-4 buffer.

1420 Weeding and augering done (crew moves elsewhere). After crew leaves, I observe CASJ rebuilding at approx 34.193417°N 118.173415°W using twigs from large willow near CASJ-4. Documenting location in Collector and finishing notes.

**Additional Comments**

N/A

**Signature**





photo\_1-auger-excavator\_DG-W-2\_Mining\_Pit\_facingNE.jpg  
-118.17388 34.19359



photo\_2\_weeding\_DG-W-2\_Mining\_Pit\_facingW.jpg  
-118.17415 34.19313



photo\_3-weeding\_augering\_DG-W-2\_Mining\_Pit\_facingNE.jpg  
-118.17385 34.19352

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	0-3 MPH	99 %
<b>End of Day</b>	14:15	66 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 fixing irrigation, hand pulling mustard, poison hemlock, tree tobacco, and numerous annual weeds in 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:**

CAQU, CASJ, SOSP, NUWO, ALHU, SPTO, CATH, CAFI, CAKI, CATO, WCSP, YRWA, EUST, WEBL, VGSW, BUSH, NOMO, San Diego gopher snake, AMCR, Desert cottontail, Western fence lizard, Common side blotched lizard.

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

**Log Entry**

0645: Monitored vegetation clearing in DG-W-1.

0700: Sent 1 crew member to fix an irrigation problem in DG-W-1.

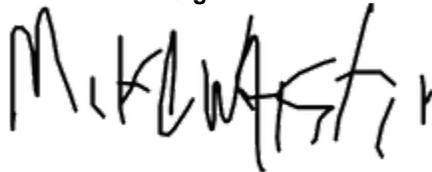
1250: Surveyed nearby work areas for nests.

1400: Crew began wrapping up veg clearing while I inspected the site.

**Additional Comments**

At around 1300, I observed 5 birds of different species working together to scold a gopher snake in DG-2 in the large patch of poison oak by the boulder. Birds were: CASJ, CATO, NOMO, BUSH, SPTO.

**Signature**





photo\_1-before\_veg\_clearing\_DG-W-1\_facingW.jpg  
-118.17167 34.19213



photo\_2-after\_veg\_clearing\_DG-W-1\_facingW.jpg  
-118.17169 34.19214



photo\_3-before\_veg\_clearing\_DG-W-1\_facingN.jpg  
-118.1722 34.19176



photo\_4-after\_veg\_clearing\_DG-W-1\_facingN.jpg  
-118.17223 34.19176

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	53 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	56 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Temp crew at east side (Johnson Field), crew of 6 plus Charlie from Natures Image; Daniel Holmes supervising.

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

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

**List of species observed while monitoring:**

CATH, CAQU, RTHA, BHGR, CASJ, LEGO, NUWO, HOWR, SOSP, SPTO, CALT, RCPA, ALHU, ANHU, BUOR, ACWO, EUST, WCSP, YRWA, BEWR, BUSH, WEBL, CAKI, BTYW, HEWA, ATFL

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

**Log Entry**

06:45 Temp crew continuing in DG-W-1 (Johnson Field). Assisting with plant ID and nest-searching. Weeds in this area include Hirschfeldia, Sisymbrium, Conium, Centaurea melitensis, Chenopodium (album, murale), non-native bromes and Festuca myuros, Erodium, Melilotus, Lepidium didymum, L. latifolium, Carduus pycnocephalus, Medicago, Nicotiana glauca sprouts, Spargula arvensis. Natives to avoid were primarily Phacelia ramosissima, Calandrinia menziesii, Plagiobothrys (canescens?).

14:30 Light drizzle all day until about

**Additional Comments**

N/A

**Signature**





photo\_1\_hand-pulling\_DG-W-1\_Johnson\_Field\_facingS.jpg  
-118.17211 34.19185



photo\_2\_after\_hand-pulling\_DG-W-1\_Johnson\_Field\_facingS.jpg  
-118.17212 34.1918

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	100 %
<b>End of Day</b>	14:45	55 °F	4-6 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 digging, laying irrigation, and clearing perennial pepperweed and poison hemlock in DG-W-2.

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

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

**List of species observed while monitoring:**

CATO, SOSP, ANHU, CANG, RCPA, CAQU, CASJ, SPTO, WEKI, ACWO, BUSH, BHGR, MODO, WEBL, LEGO, OCWA, ATFL, WREN, NOMO, NUWO, AMCR, WETA, YRWA, TOWA, COYE, LISP, Desert cottontail, BEWR, Common side blotched lizard, HOFI, CATH, CAKI, AMRO, Fox squirrel, coyote.

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

**Log Entry**

0645: Monitored vegetation clearing in DG-W-2.

0900: Discovered a CASJ nest being built in the northeast corner of DG-W-2. Flagging was put up and crew was advised to avoid.

0910: 2 crew members began working on irrigation setup in DG-W-2.

1220: Went to the mining pit outlet to look for a scrub jay nest; an adult had been seen and lost with nesting materials earlier in the day. Nest not found.

1330: Supervised use of an excavator to dig holes in DG-W-2.

1435: Crew began working on cleanup while I inspected the site.

**Additional Comments**

Scattered showers throughout the day.

**Signature**





photo\_1-before\_hand\_pulling\_DG-W-2\_facingW.jpg  
-118.17436 34.19296



photo\_2-after\_hand\_pulling\_DG-W-2\_facingW.jpg  
-118.17437 34.19301



photo\_3-digging\_progress\_DG-W-2\_facingE.jpg  
-118.17387 34.19354



photo\_4-new\_irrigation\_DG-W-2\_facingNW.jpg  
-118.17387 34.19351

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	4-6 MPH	100 %
<b>End of Day</b>	14:10	63 °F	7-9 MPH	80 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 removing perennial pepperweed and poison hemlock with hand tools and by hand, digging with an excavator, and helping take delivery on new plants in DG-W-2.

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

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

**List of species observed while monitoring:**

CASJ, ATFL, CALT, MOD0, RCPA, ANHU, NUWO, HOFI, BEWR, SPTO, ROPI, AMCR, ACWO, RTHA, CAQU, BUSH, BLPH, LEGO, CATH, WEBL, NOMO, WCSP, YRWA.

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

**Log Entry**

0645: Monitored vegetation clearing in DG-W-2.

0730: Found a California towhee nest at the northwest corner of DG-W-2.

0820: Monitored use of an excavator to dig holes in DG-W-2.

0925: Took delivery on new plants from Tree of Life. Crew then worked on moving and organizing plants in the channel from the delivery site.

1345: Crew wrapped up digging, focused solely on moving new plants while I inspected the site.

**Additional Comments**

Orange morph male HOFI seen on site near horse stables.

**Signature**





photo\_1-before\_veg\_clearing\_DG-W-1\_facingSW.jpg  
-118.17428 34.19341



photo\_2-after\_veg\_clearing\_DG-W-1\_facingSW.jpg  
-118.17429 34.19341



photo\_3-excavator\_use\_DG-W-2\_facingNE.jpg  
-118.17395 34.19336

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	4-6 MPH	100 %
<b>End of Day</b>	15:15	63 °F	4-6 MPH	80 %

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

Restoration Monitoring

**Construction Activity:**

A crew of six temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Charlie and Daniel were NI supervisors.

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

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

**List of species observed while monitoring:**

SPTO, WREN, CANG, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, PUF1, ACWO, CHSP, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, AMPI

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

**Log Entry**

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard (vegetation stage), horehound, Chenopodium, Melilotus, Erodium spp., and Glebionies sp. One nest was updated BUSH\_7. The crew avoided the surrounding nest buffers: CASJ\_6 and BUSH\_7. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day.

15:15 Biologist completed report and left site.

**Additional Comments**

N/A

**Signature**





**Weed\_clearing\_during\_facingS.jpg**  
-118.17136 34.19207



**Vegetation\_removal\_during\_facingW.jpg**  
-118.17179 34.19126

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	44 °F	0-3 MPH	40 %
<b>End of Day</b>	15:00	68 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 planting, digging, and laying irrigation in DG-W-2.

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

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

**List of species observed while monitoring:**

CAQU, CALT, CASJ, NOMO, ACWO, LEGO, HOFI, MODO, OATI, SOSP, RCPA, BGGN, BUSH, SPTO, ATFL, EUST, OCWA, WCSP, WEBL, BLPH, Coastal whiptail.

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

**Log Entry**

0645: Crew finished up placing plants into DG-W-2 from yesterday's delivery.  
0730: 4 crew members began working on planting while 3 worked on laying irrigation.  
1400: Monitored use of an excavator to dig holes in DG-W-2.  
1440: Crew began cleaning up while I inspected the site.

**Additional Comments**

Signature





photo\_1-planting\_progress\_DG-W-2\_facingW.jpg  
-118.17377 34.19354



photo\_2-planting\_progress\_DG-W-2\_facingN.jpg  
-118.1742 34.19343



photo\_3-newly\_dug\_holes\_facingS.jpg  
-118.17411 34.19306

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	53 °F	4-6 MPH	70 %
<b>End of Day</b>	15:15	65 °F	7-9 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

A crew of seven temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Charlie and Daniel were NI supervisors.

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

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

**List of species observed while monitoring:**

SPTO, WREN, CANG, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, ACWO, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, CAKI, BTGW, WTSW, Coyote, EUST, VASW

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

**Log Entry**

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard, horehound, Chenopodium, Melilotus, Erodium spp., and Glebionis sp. One nest was updated BUSH\_12. The crew avoided the surrounding nest buffers. The biologist flagged buffers that the crew was working near. A dead California king snake was found on the side of the access road. After assessment it was determined that another animal attacked it, showing puncture wounds 5 inches from head. Attacker, likely was a dog, but this is still unclear. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day and nest searched.

15:15. Biologist completed report and left site.

**Additional Comments**

A dead California king snake was found on the side of the access road. After assessment it was determined that another animal attacked it, showing puncture wounds 5 inches from head. Attacker, likely was a dog, but this is still unclear.

Signature





**Veg\_removal\_during\_facingN.jpg**  
-118.17171 34.19088



**Veg\_removal\_after\_facingE.jpg**  
-118.17169 34.19089



**Veg\_removal\_during\_facingSW.jpg**  
-118.17089 34.1914

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	48 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	72 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 7 hand pulling exotic grasses, mustard, and sweet clover in DG-4C, natures image crew of 6 planting, digging with an excavator, and laying new irrigation in 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:**

ACWO, CAQU, HOFI, CASJ, CATO, SPTO, MODO, WEBL, BUSH, ATFL, ANHU, NOMO, RTHA, NUWO, BEWR, Coastal whiptail, Western fence lizard, Western toad, Desert cottontail.

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

**Log Entry**

0645: Had a tailgate meeting with weeding crew about native species in the days work area and nearby bird nests.  
0700: Weeding crew began hand pulling weeds in DG-4C while planting crew planted and layed irrigation nearby in DG-W-1.

1015: Monitored use of an excavator in DG-W-2.

1450: Crew began wrapping up pulling and digging while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_handpulling\_DG-4C\_facingSE.jpg**  
-118.17476 34.19302



**photo\_2-after\_handpulling\_DG-4C\_facingSE.jpg**  
-118.17479 34.19301



photo\_3-excavator\_use\_DG-W-2\_facingS.jpg  
-118.17401 34.19317

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 19, 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	86 °F	10-12 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 6 hand pulling mustard, exotic grasses, and poison hemlock in 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:**

ACWO, WEBL, WREN, NOMO, LEGO, CASJ, BEWR, MODO, GREG, SOSP, RTHA, NUWO, AMCR, ATFL, CATH, SPTO, CAQU, California ground squirrel.

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

**Log Entry**

0645: Gave weep training to a new crew member.

0705: Monitored vegetation clearing in DG-W-1.

1100: An employee reported signs of heat exhaustion/heat stroke. He was immediately put into shade and given water, a foreman gave him a lift to his car, and someone stayed with him until it was determined that he was safe.

1420: Crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-DG-W-1\_before\_weeding\_facingW.jpg**  
-118.17087 34.19168



**photo\_2-DG-W-1\_after\_weeding\_facingW.jpg**  
-118.17105 34.19163



**photo\_3-DG-W-1\_before\_weeding\_facingW.jpg**  
-118.1712 34.19158



**photo\_4-DG-W-1\_after\_weeding\_facingW.jpg**  
-118.17123 34.19157

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 19, 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>	15:15	88 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

A crew of six (Nature's Image) worked on site preparation activities in the mining pit, DG-W-2 . Dee and Daniel were NI supervisors.

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

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

**List of species observed while monitoring:**

SPTO, WREN, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, PUF1, ACWO, CATH, BLPH, RCPA, HOWR, California ground squirrel, BHGR, BTPI, WIWA, NOMO, ALHU, CORA, CAKI, Coyote, RCKI, Whiptail lizard, SAVS, CORA

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

**Log Entry**

6:45 Biologist met with the crew. The crew worked on site prep at DG-W-2 in the Mining Pit. Crew used hand tools to dig holes and established potted plants. Daniel used the backhoe auger to drill holes. One nest was updated BUSH\_11, and was inactivated based on previous and current observations. Buffer was removed. The crew avoided the surrounding nest buffer including: ANHU\_5 and BEWR\_1. These nests were also updated. The biologist assisted with plant identification questions throughout the day.  
15:15. Report and left site.

**Additional Comments**

**Signature**





**Site\_prep\_during\_facingSSW.jpg**  
-118.17434 34.19318



**Site\_prep\_during\_facingE.jpg**  
-118.17425 34.19315



SitePrep\_before\_facingS.jpg  
-118.17386 34.19338

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	0-3 MPH	70 %
<b>End of Day</b>	14:40	79 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 6 pulling poison hemlock and perennial pepperweed, digging, setting up irrigation and planting in DG-W-2.

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

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

**List of species observed while monitoring:**

CAQU, CASJ, SPTO, BHGR, SOSP, NOMO, MODO, ACWO, ATFL, BHCO, BEWR, HOFI, CALT, ALHU, CATH, CORA, NUWO, AMCR, Coastal whiptail, Western fence lizard, LEGO, California ground squirrel.

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

**Log Entry**

0645: Monitored planting and vegetation removal in DG-W-2.

1000: Monitored use of an excavator to dig holes in DG-W-2.

1140: Surveyed nearby work areas for nesting birds, found none.

1200: A few crew members began working on irrigation setup.

1430: Crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_veg\_clearing\_DG-W-2\_facingNW.jpg  
-118.17422 34.19317



photo\_2-after\_veg\_clearing\_DG-W-2\_facingNW.jpg  
-118.17413 34.19312



photo\_3-excavator\_use\_DG-W-2\_facingW.jpg  
-118.17408 34.19283



photo\_4-planting\_progress\_DG-W-2\_facingS.jpg  
-118.1742 34.19319

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	4-6 MPH	80 %
<b>End of Day</b>	15:15	73 °F	4-6 MPH	20 %

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

Restoration Monitoring

**Construction Activity:**

A crew of seven temp (including 1 NI) worked on weed removal in Johnson Field, DG-W-1. Ed and Daniel were NI supervisors.

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

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

**List of species observed while monitoring:**

SPTO, WREN, RTHA, COHA, HOFI, LEGO, SOSP, COYE, ATFL, CAQU, Western toad, MODO, CASJ, ANHU, BEWR, BUSH, CALT, YRWA, WCSP, Cottontail, WEBL, NUWO, ACWO, BUOR, CATH, BLPH, RCPA, HOWR, California ground squirrel, NOMO, CORA, WIWA, HUVI, BGGN, BARS, PSFL, TUVU, AMCR

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

**Log Entry**

6:45 Biologist met with the crew. The crew used hand tool to remove non-native species. Non-native plants include: poison hemlock, mustard, horehound, Chenopodium, Melilotus, Erodium spp., and Glebionis sp. The crew avoided the surrounding nest buffers: CASJ\_6, BUSH\_12, and BUSH\_7. The biologist reminded trucks driving along east access road to watch for BUSH\_12. After lunch the crew continued to work in Johnson Field. The biologist assisted with plant identification questions throughout the day. Some non-natives were accidentally missed when clearing, so the site foreman did a sweep. Nearby physical nest buffers were established before the end of the day for the next biologist.

15:15 Biologist completed report and left site

**Additional Comments**

Red Griffith truck created dust as it passed the dust meter on east side.

**Signature**





**Weed\_removal\_during\_facingW.jpg**  
-118.17118 34.19189



**Veg\_removal\_during\_facingS.jpg**  
-118.1714 34.19211

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	54 °F	0-3 MPH	100 %
End of Day	14:15	59 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Temp weeding crew of 7 plus Ed from planting crew supervising on east side. Two workers from this crew are away during a.m. on irrigation maintenance duty, monitored occasionally.

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

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

**List of species observed while monitoring:**

CAQU, CASJ, BEWR, SOSP, ALHU, ANHU, Alligator lizard, WCSP, BUOR, WEBL, HOFI, RTHA, Western toad, LEGO, BUSH, California ground squirrel, WETA, BHGR, WIWA, YRWA, HOOR, CALT, SPTO, NUWO, Fence lizard, sagebrush lizard

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

**Log Entry**

0645 Temp crew is hand-pulling in DG-2 New Channel around plantings just south of Johnson Field (two workers on irrigation maintenance nearby and occasionally monitored). Mainly Conium, and Hirschfeldia, with some Centaurea mel., Erodium, Carduus, etc. Natives to avoid besides plantings include Phacelia ram., Matricaria, Calendrinia, Ambrosia acanthicarpa, etc.

0945 Large western toad uncovered by 2-inch line. I relocated it up the slope under an elderberry.

1200 Checked on LEGO\_2 and CALT\_1 nests. LEGO\_2 seems to be gone and I can't locate CALT\_1. If CALT\_1 released for access, it will help reduce the Conium and Lepidium dense growth. LEGO\_2 buffer not as weedy. He nests should be double-checked during morning to be sure inactive.

1300 Full crew is concentrating on tall flowering Conium and Hirschfeldia etc at 34.190819°N 118.171819°W (DG-2 New Channel).

1415 Crew stops pulling.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_hand\_pulling\_DG-2\_New\_Channels\_facingS.jpg  
-118.17202 34.19113



photo\_2\_before\_hand\_pulling\_DG-2\_New\_Channels\_facingSE.jpg  
-118.17186 34.19083



photo\_3\_after\_hand\_pulling\_DG-2\_New\_Channels\_facingS.jpg  
-118.172 34.1911



photo\_4\_after\_hand\_pulling\_DG-2\_New\_Channels\_facingSE.jpg  
-118.17193 34.19086

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	7-9 MPH	95 %
<b>End of Day</b>	14:20	59 °F	7-9 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 7 pulling poison hemlock and perennial pepperweed, digging, planting, and taking delivery on new plants in DG-W-2.

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

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

**List of species observed while monitoring:**

CALT, SPTO, ACWO, BHGR, LEGO, HOFI, COYE, WTSW, HETH, CASJ, NUWO, MODO, DEJU, RTHA, CATH.

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

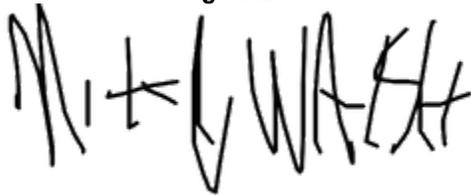
**Log Entry**

0645: Monitored vegetation clearing in DG-W-2. 02 crew members began planting in DG-W-2.  
0830: Weeding crew began working on digging holes and spraying dots in recently cleared areas.  
0900: Monitored use of an excavator in DG-W-2.  
1020: Took delivery on plants from ASF.  
1420: Crew began wrapping up pulling and digging to work on cleanup.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_clearing\_DG-W-2\_facingS.jpg  
-118.17431 34.19316



photo\_2-after\_vegetation\_clearing\_DG-W-2\_facingS.jpg  
-118.1743 34.19312



photo\_3-planting\_progress\_DG-W-2\_facingE.jpg  
-118.17412 34.19348



photo\_4-new\_plants\_DG-W-2\_facingN.jpg  
-118.17407 34.1932

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	11:45	57 °F	4-6 MPH	100 %
<b>End of Day</b>	15:00	57 °F	4-6 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 planting and digging in DG-W-2.

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

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

**List of species observed while monitoring:**

CASJ, BHGR, MODO, SPTO, ACWO, CALT, HOFI, BHCO, CAQU, BUSH, NUWO, WTSW, WREN.

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

**Log Entry**

1145: Monitored planting in DG-W-2. Labor finders crew was working on making sure that microlines are pointing into plant basins.

1220: Supervised use of an excavator to dig holes in DG-W-2.

1300: 3 crew members began manually digging holes in DG-W-2.

1450: Crew wrapped up while I inspected the site.

**Additional Comments**

I was not on site until 11:45. Prior to my arrival, crew had been working on microline placement.

Signature





photo\_1-planting\_progress\_DG-W-2\_facingS.jpg  
-118.17412 34.19328



photo\_2-excavator\_use\_DG-W-2\_facingS.jpg  
-118.17417 34.19273



photo\_3-crew\_digging\_manually\_DG-W-2\_facingN.jpg  
-118.1739 34.19316

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	49 °F	0-3 MPH	90 %
<b>End of Day</b>	15:00	62 °F	7-9 MPH	80 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of about 12 with Daniel Holmes, foreman. Planting on west side in DG-W-2 Mining Pit.

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

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

**List of species observed while monitoring:**

BUOR, HOFI, SOSP, BUSH, CASJ, UNFL, SPTO, YRWA, CALT, BHGR, HOWR, NUWO, BLPH, Desert cottontail, WAVI, OCWA, NRWS, ACWO, ATFL, CAQU, LEGO, Western fence lizard, Sagebrush lizard, Western toad, Southern Pacific rattlesnake, RTHA.

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

**Log Entry**

0645 Crew is planting in DG-W-2 Mining Pit under wilows and along newly dug channel. Buffer for BEWR\_1 may be too small. An adult came in with food and saw me staring at it while standing next to a flag at the buffer edge (55 ft), and spooked the bird away.

0840 After monitoring ANHU\_5 several times with no activity, I confirmed contents were empty with a pole-mirror. temp crew in route to pull pepperweed. NI excavator is in vicinity drilling some more holes.

1000 I advised Daniel to move the planting crew slightly further away from west side of BEWR\_1. Flagging is only about 30 feet from nests. I directed them to move on far side of mule fat clump, about 50-60 ft. Pair seems to be doing okay as I checked back several times during the day. Rescued a western toad from planting hole, and Mike and I scooted some Fence lizards out from under the excavator. Pointing out native Calif chicory (*Rafinesquia californica*) to nearby temp crew and D.

1400 secondary planting crew heading out.

1400 juvenile Southern Pacific rattlesnake in the valve box along road at 34.191728°N 118.176217°W. I used my snake tongs and small cooler to translocate it about 50 feet away in the brush.

1430 Mike Walsh is leaving so I am monitoring the temp crew. Planting crew is hand-watering today's plantings that aren't connected to irrigation yet.

1450 All crews are now packing up.

**Additional Comments**

N/A

**Signature**





photo\_1-planting\_DG-W-2-MiningPit\_facingN.jpg  
-118.17415 34.19282



photo\_2-excavator-auger\_DG-W-2-MiningPit\_facingN.jpg  
-118.1743 34.19258



photo\_3\_after\_planting\_DG-W-2-MiningPit\_facingNE.jpg  
-118.17429 34.19262

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: April 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	48 °F	4-6 MPH	70 %
<b>End of Day</b>	14:30	64 °F	10-12 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Labor finders crew of 7 hand pulling perennial pepperweed, mustard, poison hemlock and exotic grasses in DG-W-2, DG-W-2 mining pit outlet 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:**

COYE, CALT, CATH, SPTO, MODO, CASJ, NUWO, BEWR, ACWO, BUSH, WEBL, ATFL, YEWA, LISP, AMCR, SOSF, HOFI, California ground squirrel, OCWA, CAQU, Desert cottontail, NRWS, HETH, RTHA, Southern pacific rattlesnake.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-4 sheetflow and DG-W-2.

0655: Monitored vegetation clearing in DG-4 sheetflow and DG-W-2, progressing north up the mining pit outlet.

0725: Found a mourning dove nest in DG-4 sheetflow. Area was flagged off and the crew was advised to avoid.

0830: Yellow warbler observed in DG-4 sheetflow.

0840: Crew was moved to DG-W-2 to pull weeds in the footprint of a newly closed bird nest buffer. I remained near the yellow warbler observation for 45 minutes to monitor, found no evidence of nesting.

1400: Found a southern pacific rattlesnake inside an irrigation valve box. Individual was safely relocated with snake tongs by another monitor, Scott Werner.

1430: Crew wrapped up vegetation clearing for the day.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_DG-4-sheetflow\_facingSE.jpg  
-118.17597 34.19138



photo\_2-after\_vegetation\_clearing\_DG-4-sheetflow\_facingSE.jpg  
-118.17595 34.19134



photo\_3-before\_vegetation\_clearing\_DG-W-2\_facingE.jpg  
-118.17447 34.1929



photo\_4-after\_vegetation\_clearing\_DG-W-2\_facingE.jpg  
-118.17444 34.19296

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	50 °F	4-6 MPH	20 %
<b>End of Day</b>	14:40	64 °F	7-9 MPH	55 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 planting, digging, and laying irrigation in DG-W-2; also, labor finders crew of 7 hand pulling mustard and poison hemlock in DG-4, DG-W-2.

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

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

**List of species observed while monitoring:**

BEWR, ACWO, NUWO, BHGR, CALT, RCPA, CATH, SPTO, ATFL, CAQU, WAVI, WIWA, BLPH, OATI, AMCR, HOFI, PUF1, MODO, CORA, PEFA, EUST, CASJ, OCWA, LEGO, SOSP, WTSW, BGGN, BUSH, NRWS, YRWA, ANHU, Western fence lizard, Common side blotched lizard.

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

**Log Entry**

0645: Monitored irrigation maintenance in DG-W-2. Wilson's warbler observed briefly in work area.

0742: Crew began planting and digging in DG-W-2.

0800: Switched to monitoring the weeding crew. They were pulling perennial pepperweed in DG-W-2.

1045: Crew began digging a trench to widen out the low flow channel.

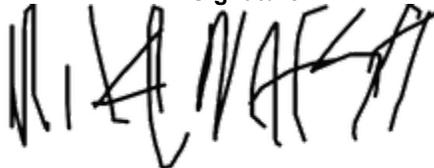
1130: Monitored vegetation clearing in DG-4.

1425: Crew began wrapping up pulling to work on cleanup.

**Additional Comments**

Raining on and off near end of day. Wilson's warbler was observed briefly on site at the start of the day in an oak tree. No evidence of nesting behavior, appeared to be foraging.

Signature





**photo\_1-planting\_progression\_facingW.jpg**  
-118.17418 34.19268



**photo\_2-planting\_progression\_facingN.jpg**  
-118.17427 34.19266



**photo\_3-before\_pulling\_DG-4\_facingSE.jpg**  
-118.17446 34.19145



**photo\_4-after\_pulling\_DG-4\_facingSE.jpg**  
-118.17443 34.19147

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: April 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	65 %
End of Day	15:15	65 °F	0-3 MPH	80 %

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

Restoration Monitoring

**Construction Activity:**

Seven temp agency workers clearing non-native vegetation using hand pulling and hand held tools in DG-W-2 (Mining Pit). After 8am to the end of day biologist switched to monitor Site Prep crew in same location. Daniel- NI foremen.

**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:**

RTHA, NUWO, MODO, SOSP, ACWO, RCPA, BHGR, YEWA, BUSH, WIWA, WAVI, PUF1, BEWR, CALT, COHA, CASJ, SPTO, HOFI, ATFL, PEFA, BARS, RSHA, CHSP, LEGO, BTYW, PSFL, YRWA, OCWA, BLPH, Baby rodent (possibly woodrat), Coyote, Tree squirrel, HOWR, BGGN, CORA, ROPI, BUOR

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

**Log Entry**

0645 Biologist arrived onsite and met with crew. Crew worked in DG-W-2 Mining Pit hand pulling non-natives (hemlock, mustard, and pepperweed) all work day. They also were instructed to remove wood piles in preparation for planting.

0800 Biologist monitored the Site Prep crew in the same location as the Vegetation Remocal crew for the duration of the day. A couple baby rodents, probably more, were displaced during this. Throughout the day, the biologist was searching for bird nests throughout the day. A Yellow Warbler was observed at the parking lot near the ball court. The male warbler singing and foraging during the observation period. No nesting behavior was observed.

1100: The biologist conducted a precon nesting bird survey of DG-4 Sheetflow area before the crew was scheduled to work here. One new nest, BEWR\_3 was discovered and added to Collector here. The biologist reminded the crew picked up their trash and the biologist completed report

1515 Left the site

**Additional Comments**

Signature





**photo\_1-20210427-162444.jpg**  
-118.17416 34.19264



**Planting\_during\_facingW.jpg**  
-118.17424 34.19285



Planting\_crew\_during\_facingNW.jpg  
-118.17433 34.19283

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: April 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	49 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	81 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image planting crew of 7 core workers w/ Daniel Holmes, foreman, plus 5 extras.

**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:**

ALHU, SPTO, CALT, ACWO, CATH, CAQU, YEWA, OCWA, WIWA, ATFL, CASJ, BHGR, SOSP, HOFI, BUSH, BEWR, YRWA, WETA, RCPA, NRWS, BUOR, WREN, COHA, TUVU, California ground squirrel, HOWR, Desert cottontail, LEGO, West toad, Coastal whiptail, Western fence lizard, Sagebrush lizard

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

**Log Entry**

0645 Planting crew is in DG-W-2 Mining Pit and DG-W-2 Mining Pit Outlet. Tom showed me location of disturbed woodrat nest from yesterday - no young seen.

0710 Daniel starts excavator up, digging more holes in channel bank. YEWA male seen at N end of Mining Pit, 34.193312°N 118.173963°W.

0940 New SPTO nest along channel in hemlock under a log. Guys on planting crew were approaching the 50 ft mark, steered them away, having Tom and Evan move staged pots out of holes and out of 50 ft buffer even though Daniel was able to dig some new holes within 50 feet of nest before its discovery.

1030 Daniel continues digging holes in channel while others skip buffer to plant in drainage further south.

1130 Mike and I look at DG-4 Sheetflow etc to guide more weeding and planting. MODO, BEWR, and ACWO nests nearby. New BUSH\_20 nest recorded. ACWO\_06 nest location updated. Still 2 Western toads in valve box near failed BUSH\_05 but no rattlesnake (from Monday). 2 Coastal whiptail in DG-4 Sheetflow.

230 Daniel done with excavation. Other workers are just watering the plants and sitting up and setting up lines so I'm leaving.

**Additional Comments**

N/A

**Signature**





photo\_1-excavator-auger\_DG-W-2\_Mining\_Pit\_Outlet\_facing SW.jpg  
-118.17462 34.19225



photo\_2\_planting\_DG-W-2\_Mining\_Pit\_Outlet\_facingN.jpg  
-118.1747 34.19195



photo\_3\_excavator\_DG-W-2\_Mining\_Pit\_Outlet\_facingE.jpg  
-118.17587 34.19159



photo\_4\_planting\_irrig\_DG-W-2\_Mining\_Pit\_Outlet\_facingS.jpg  
-118.17471 34.19265

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	48 °F	4-6 MPH	0 %
<b>End of Day</b>	14:50	81 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor finders crew of 6 hand pulling perennial pepperweed and mustard in DG-4 just East of 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:**

SOSP, CASJ, WREN, BUSH, SPTO, LEGO, HOFI, CORA, WCSP, ANHU, NRWS, ATFL, CATH, WIWA, CALT, COYE, BEWR, BHGR, RSHA, Desert cottontail, 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-4.

0655: Cleared work area and monitored vegetation clearing.

0813: Observed Wilson's warbler foraging in DG-4B. Showed no evidence of nesting behavior.

1200: Moved crew to DG-4 sheetflow to work on weed removal. With them nearby, I used pinflags to mark the edge of the phase 2 planting areas and the new channels which will soon be dug.

1440: Crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-veg\_clearing\_before\_DG-4\_facingW.jpg  
-118.17438 34.19139



photo\_2-veg\_clearing\_after\_DG-4\_facingW.jpg  
-118.17441 34.19137



**photo\_3-veg\_clearing\_before\_DG-4\_facingS.jpg**  
-118.17433 34.19145



**photo\_4-veg\_clearing\_after\_DG-4\_facingS.jpg**  
-118.17433 34.19142

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 29, 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>	15:10	91 °F	7-9 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Labor finders crew of 6 hand pulling poison hemlock and perennial pepperweed in DG-4 sheetflow.

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

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

**List of species observed while monitoring:**

CALT, BEWR, SOSP, SPTO, MODO, COYE, BHGR, CASJ, ATFL, NRWS, HOFI, CAQU, BUSH, LEGO, HOWR, PISI, CORA, ALHU, Coastal whiptail.

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

**Log Entry**

0645: Had a tailgate meeting with the crew to reiterate current nest buffers in the work area.

0655: Monitored vegetation clearing in DG-4 sheetflow.

0845: Crew started tarping up the newly pulled plant material in DG-4 sheetflow to make room for planting.

1000: Found a bushtit nest in DG-4 sheetflow (BUSH 22). Area was flagged off and crew was advised to avoid.

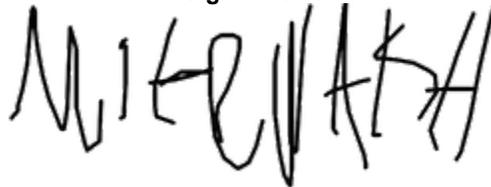
1030: Crew continued hand pulling vegetation in DG-4 sheetflow, I monitored this closely due to the presence of multiple birds' nests nearby. No behavioral changes were observed.

1445: Crew began working on cleanup for the day while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-before\_pulling\_DG-4\_sheetflow\_facingS.jpg  
-118.17599 34.19136



photo\_2-after\_pulling\_DG-4\_sheetflow\_facingS.jpg  
-118.176 34.19132



photo\_3-before\_pulling\_DG-4\_sheetflow\_facingN.jpg  
-118.17595 34.19142



photo\_4-after\_pulling\_DG-4\_sheetflow\_facingN.jpg  
-118.17603 34.19133

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: April 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	58 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	93 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (13) planting and installing irrigation in DG-W-2 mining pit outlet.

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

Yellow warbler

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

**List of species observed while monitoring:**

MODO, BUSH, CASJ, HOFI, CALT, ATFL, ANHU, ACWO, BEWR, SPTO, CAQU, WCSP, SOSP, LEGO, NUWO, RTHA

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

**Log Entry**

0645 Met with crew and monitor for weeding crew. Both crews will be working nearby as weeding crew clears area to be planted next week. Observed planting in DG-W-2 mining pit outlet and irrigation install in mining pit and outlet.

0800 Took photo points around site.

1015 Observed female yellow warbler in willows and mule fat along west edge of staging area. Startled out of mule fat by frisbee from nearby disc golf course, flew east.

1230 Monitored use of mini-excavator to fix part of channel in DG-W-2 where grade was too high/channel too narrow. Per request by ECORP.

1330 Observed while crew planted and installed irrigation emitters in SPTO-1 buffer. Did not seem disturbed. Male calling nearby but not distressed.

1345 Continued monitoring channel repair by mini-excavator

1445 Will have crew use hand tools to refine tomorrow.

**Additional Comments**

N/A

**Signature**





**Prepping to plant\_DG-W-2\_facing W.jpg**  
-118.17531 34.19155



**Dirt moving to fix channel\_DG-W-2\_facing W.jpg**  
-118.17399 34.19296



**Drainage in progress.jpg**  
-118.17411 34.19312

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: April 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	1 %
<b>End of Day</b>	14:40	93 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 planting, digging, clearing vegetation, and laying irrigation in DG-W-2 (mining pit and mining pit outlet), DG-4 sheetflow.

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

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

**List of species observed while monitoring:**

CAQU, CALT, CASJ, COYE, SPTO, BHGR, CATH, LEGO, HOFI, WETA, ACWO, CORA, BGGN, OATI, YRWA, RTHA, COHA, ALHU, SOSPO, ANHU, ATFL, Western fence lizard, Desert cottontail.

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

**Log Entry**

0645: Monitored planting and irrigation setup in DG-W-2 (mining pit outlet) and DG-4 sheetflow.

0820: Supervised use of an excavator to widen the channel in DG-W-2.

1000: Crew began moving some snags out of the way in DG-W-2 and laying irrigation.

1130: Monitored vegetation clearing in DG-4 sheetflow.

1300: Monitored planting and digging in DG-W-2. 1430: crew wrapped up planting and digging to focus on cleanup while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-after\_channel\_widening\_DG-W-2\_facingN.jpg  
-118.1741 34.19294



photo\_2-planting\_progress\_DG-W-2\_facingN.jpg  
-118.17394 34.19331



photo\_3-planting\_progress\_DG-4-sheetflow\_facingS.jpg  
-118.17598 34.19136

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: April 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	5 %
<b>End of Day</b>	13:30	93 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image and Labor Finders crew (7) hand-weeding in DG-4.

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

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

**List of species observed while monitoring:**

BEWR, CCGO, HOFI, MODO, BUSH, ACWO, NUWO, CALT, LEGO, WETA, Desert cottontail, Western fence lizard, RTHA, COHA, WIWA, CASJ, ALHU, NRWS

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

**Log Entry**

0645 Gave WEEP training to new temp worker (Gio). Rest of the crew got started pulling in DG-4 and DG-4 sheetflow under M. Walsh's supervision.

0710 Joined crew. Observed hand-pulling young poison hemlock and pepperweed.

0900 Moved crew to small planted area of DG-4 at south end of restoration staging area. Instructed crew to focus on flowering mustards.

1000 Checked on completed drainage in mining pit. Crew members were evening soil with hand tools.

1030 Crew continued to pull mustards in DG-4, avoiding native annuals. Finished tarping up vegetation at

1315 Crew finished day moving large dead willow limbs from mining pit to block social trails.

**Additional Comments**

N/A

**Signature**





**Weeding DG-4\_facing S.jpg**  
-118.17617 34.19126



**Pulling mustards\_before\_facing SW.jpg**  
-118.17526 34.19189



**After\_mustards pulled.jpg**  
-118.17527 34.19211

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	80 %
<b>End of Day</b>	15:00	79 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image planting crew of 6 with foreman Daniel Holmes (plus several additional workers from other office) planting on 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:**

BHGR, BEWR, CATH, MODO, SOSP, CALT, SPTO, HOOR, AMRO, WIWA, CASJ, CAQU, LEGO, HOFI, Coastal whiptail, Fence lizard, Sagebrush lizard, Desert cottontail, ACWO, NUWO, ATFL, several Western toads in the valve boxes and watering area at N end of Mining Pit.

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

**Log Entry**

0645 Working with planting crew in DG-W-2 Mining Pit.

0708 BEWR\_1 still active; brief food delivery. Nestlings not audible at 60 feet away. Secondary planting crew working at S end of new channel by temp crew; Mike Walsh able to keep an eye on them. New MODO\_05 nest along channel. CALT and SPTO pairs followed while foraging but none carrying food, no leads on heir nests.

0900 AMRO building nest at softball field (outside of mit area).

1030 Released buffer for inactive CALT\_2 and cleared a small hemlock stand under the willow canopy nearby for more planting (unsure if they need hemlock area). SOSP and CALT in this location but no nests currently suspected. 1040 New BUSH\_23 nest under construction in planted area to the south of CALT\_2. A lot of coastal whiptail activity in Mining Pit today.

1130 Daniel is on excavator digging some new holes in channel, amongst recent plantings to fit in more plants.

1225 Excavator drives slowly through SPTO\_1 nest buffer (50ft). No SPTO activity seen, but too risky to take a close look at the nest, and several CASJ in the area.

1330 Back at N end of Mining Pit, monitoring some irrigation setup and planting around old CALT\_2 and active CASJ\_10. Upon Mike's recommendation I am allowing 1 worker inside CASJ\_10 buffer to string some irrigation lines while I monitor incubating CASJ.

1500 Done.

**Additional Comments**

N/A

Signature





photo\_1-planting\_DG-W-2\_MiningPit\_facingN.jpg  
-118.17407 34.19304



photo\_2\_planting\_DG-W-2\_MiningPit\_facingNW.jpg  
-118.17392 34.19353



photo\_3\_planting\_DG-W-2\_MiningPit\_facingNE.jpg  
-118.17392 34.19353

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	30 %
<b>End of Day</b>	14:50	79 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 8 hand pulling perennial pepperweed and mustard in DG-4, DG-4 sheet flow.

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

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

**List of species observed while monitoring:**

BHGR, COYE, SOSP, CALT, SPTO, RCPA, CASJ, BGGN, BUSH, LEGO, HOFI, NRWS, WEWP, AMCR, ANHU, BGGN, coyote, desert cottontail.

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

**Log Entry**

0645: Performed a nesting bird survey. Determined that BUSH\_16 had failed.

0700: Monitored vegetation clearing in DG-4.

1000: Moved a few crew members into DG-4 sheet flow after determining that MODO\_3 had failed.

0245: Crew began working on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_pulling\_facingE.jpg**  
-118.17619 34.19109



**photo\_2-DG-4\_after\_pulling\_facingE.jpg**  
-118.1761 34.19112



photo\_3-DG-4\_sheetflow\_before\_pulling\_facingN.jpg  
-118.17568 34.19127



photo\_4-DG-4\_sheetflow\_after\_pulling\_facingN.jpg  
-118.17562 34.19133

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	0 %
<b>End of Day</b>	13:00	83 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Planting crew, Natures Image crew of 6 w/Daniel Holmes, foreman, on west side of project area.

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

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

**List of species observed while monitoring:**

Western toad, BHGR, coyote, SOSP, RCPA, WETA, HOFI, CALT, CASJ, OATI, Botta pocket gopher, WAVI, COYE, BUSH, SWTH, CAQU, NUWO, ACWO, WREN, RTHA, TUVU, BUOR, LEGO, BLPH, California ground squirrel, Coastal whiptail, CATH, Fence lizard, Sagebrush lizard, Desert cottontail

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

**Log Entry**

0645 Quick check of plantings completed yesterday at southern end of DG-W-2 (Mining Pit Outlet). The extra crew that has helped out during the past few weeks is all done and not here today. On the way northward along DG-W-2 channel, quick stop at SPTO\_1 nest. No activity during about 5 minutes, precise nest location still undetermined. The buffer isn't restricting any current work, so rather than disturb habitat and nest, we can wait until they start food deliveries (if still active) to determine a better position.

0710 With main planting crew at north end of DG-W-2 (Mining Pit Outlet), allowing one worker into CASJ\_10 buffer to plant willows. CASJ sitting tight on nest. Male nearby, neither jay seems stressed at our presence around the nest buffer.

0845 New MODO\_03 nest may have been abandoned. They likely started building over the weekend but yesterday with the foot traffic the doves may have decided against continuing at that location.

0930 Several workers are planting further north in the DG-W-2 channel in the additional holes dug yesterday. Planting proceeds at N end of Mining Pit and midway down channel uneventfully.

1300 I left early for an appointment while Mike keeps an eye on the work at N end near CASJ nest.

**Additional Comments**

N/A

**Signature**





photo\_1-planting\_allowed\_in\_CASJ10\_buffer\_DG-W-2\_facingE.jpg  
-118.17386 34.19367



photo\_2\_planting\_DG-W-2\_MiningPit\_facingS.jpg  
-118.17387 34.19362

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	54 °F	0-3 MPH	0 %
<b>End of Day</b>	15:05	88 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor finders crew of 6 hand pulling perennial pepperweed and mustard in DG-4A and DG-4 about 150 feet south of the parking lot on the west side; natures image crew of 6 planting, setting up irrigation, and planting in DG-W-2.

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

Yellow warbler

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

**List of species observed while monitoring:**

CAQU, ACWO, HOFI, ANHU, SPTO, WAVI, YEWA, OCWA, WETA, BCHU, BUSH, ATFL, CASJ, PUF1, CALT, BEWR, YRWA, NRWS, BHGR, RTHA, San Diego alligator lizard, common side blotched lizard, LEGO, COYE, BGGN, western fence lizard, NUWO, California ground squirrel.

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

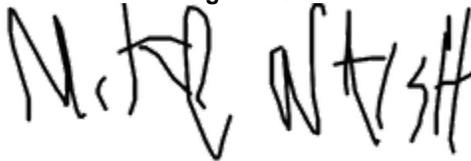
**Log Entry**

0645: performed a nesting bird survey in DG-4A. Found a spotted towhee nest (SPTO\_2) on the ground. Area was flagged off and crew was advised to avoid. 0700: monitored vegetation clearing in DG-4A. 0845: observed yellow warbler. 1030: crew moved across the trail into DG-4. 1130: scouted for new weed removal targets. 1300: labor finders crew began working on cleanup while I monitored digging, irrigation setup and planting in DG-W-2.

**Additional Comments**

A yellow warbler was observed in the willow and eucalyptus trees foraging near the parking lot/dumpsters for about an hour and closely monitored. No evidence of nesting behavior, no territorial calls heard.

Signature





photo\_1-before\_vegetation\_clearing\_DG-4A\_facingN.jpg  
-118.17564 34.1916



photo\_2-after\_vegetation\_clearing\_DG-4A\_facingN.jpg  
-118.17568 34.19154



photo\_3-before\_vegetation\_clearing\_DG-4A\_facingE.jpg  
-118.17536 34.19178



photo\_4-after\_vegetation\_clearing\_DG-4A\_facingE.jpg  
-118.1753 34.19173

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 5, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	58 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	88 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image planting crew of 6 incl foreman Daniel Holmes working on west side of project area.

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

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

**List of species observed while monitoring:**

California ground squirrel, CASJ, CALT, CAQU, CATH, side-blotched lizard, BUSH, RCPA, BUOR, SOSP, CAVI, HOFI, CORA, BHGR, BEWR, BGGN, EUST, COYE, HOWR, OATI, WREN, COHA, AMCR, SPTO, WIWA, MODO

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

**Log Entry**

0645 I accompanied 2 workers planting in/near CASJ\_10 nest buffer in DG-W-2 Mining Pit. The jays are tolerant of nearby light activity. Desert cottontail munching on young Xanthium plants. BEWR\_1 still delivering food. MODO\_3 (BLDG) has had no activity since early Monday morning, They seem to have abandoned this site and moved on.

0915 Heading over to two more planting crew workers at DG-4 Sheetflow. I'm allowing them to run some irrigation line within the buffer for ACWO\_6, BEWR\_3. ACWO don't seem to mind visitors at all, and BEWR are still building (possibly incubation) in a snag cavity facing away from current work.

1000 Three more workers arrive. There is a likely SPTO nest (INC) in the pepperweed/hemlock undergrowth of this area, based on suspicious female SPTO behaviors. Photo 2 shows part of this area.

1230 Several workers are hand-broadcasting a native seed mix in DG-W-2 Mining Pit.

1345 Guys are done digging. I have updated SPTO\_1 to failed nest and removed the buffers.

**Additional Comments**

N/A

**Signature**





photo\_1-planting\_DG-W-2\_facingN.jpg  
-118.17378 34.19353



photo\_2-planting\_near\_ACWO\_6\_etc\_DG-4\_Sheetflow\_facingE.jpg  
-118.17593 34.19117



photo\_3\_planting\_DG-4\_Sheetflow\_facingN.jpg  
-118.1759 34.19117



photo\_4\_seed\_broadcasting\_DG-W-2\_MiningPit\_facingE.jpg  
-118.17417 34.19318

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 5, 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>	11:10	77 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 7 hand pulling perennial pepperweed and poison hemlock in DG-4A on the west side of the twin boulders area, and pulling mustard in DG-4B near the parking lot.

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

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

**List of species observed while monitoring:**

SPTO, BEWR, SOSP, HOFI, BHGR, CALT, WAVI, MODO, LEGO, CASJ, CAQU, BUSH, Western fence lizard, ALHU, COYE, NRWS, ACWO, EUST, Coastal whiptail.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-4A.

0700: Cleared crew to work, monitored vegetation clearing in DG-4A.

0900: Discovered a California quail nest in DG-4A. Area was flagged off and crew was advised to avoid. Nest is listed as CAQU\_2 in collector. Crew was moved well out of sight and earshot to DG-4B to pull mustard.

1100: Crew wrapped up pulling to focus on cleanup while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pulling\_DG-4A\_facingW.jpg**  
-118.17528 34.19073



**photo\_2-after\_pulling\_DG-4A\_facingW.jpg**  
-118.17512 34.19085



photo\_3-before\_pulling\_DG-4A\_facingW.jpg  
-118.17527 34.19088



photo\_4-after\_pulling\_DG-4A\_facingW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 6, 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>	15:00	79 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Labor Finders crew of 7 hand pulling perennial pepperweed in DG-4A in the twin boulder field.

**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:**

BHGR, SOSP, BEWR, SPTO, CAQU, HOFI, LEGO, KILL, COYE, NRWS, CALT, CASJ, PHAI, BUSH, California ground squirrel, desert cottontail, COHA, PUF1, ACWO, BGGN, CAKI, ATFL, ANHU, CORA, COHU, YEWA, ROPI

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

**Log Entry**

0645: Performed a nesting bird survey in DG-4A and DG-4 near the twin boulders field.

0655: Cleared crew to begin work, monitored vegetation clearing.

1130: 2 crew members began working on tarping up the day's vegetation.

1230: Surveyed possible future work areas for nesting birds. Observed yellow warbler.

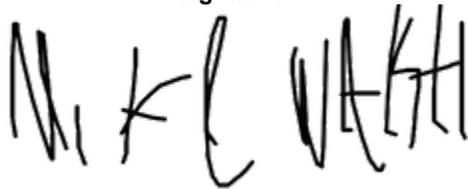
1310: Resumed monitoring of vegetation clearing in DG-4A.

1450: Crew began wrapping up while I inspected the site.

**Additional Comments**

Observed a yellow warbler foraging in DG-W-2. No evidence of nesting behavior or territorial calling heard.

**Signature**





photo\_1-before\_weeding\_DG-4A\_facingS.jpg  
-118.17503 34.191



photo\_2-after\_weeding\_DG-4A\_facingS.jpg  
-118.17501 34.191



**photo\_3-before\_weeding\_DG-4A\_facingS.jpg**  
-118.17507 34.19059



**photo\_4-after\_weeding\_DG-4A\_facingS.jpg**  
-118.17501 34.19064

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: May 6, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	56 °F	0-3 MPH	100 %
<b>End of Day</b>	11:00	61 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) finalizing phase 2 planting stage on west 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:**

BHGR, BEWR, SPTO, CALT, ACWO, PHAI, CAQU, CORA, NRWS, ALHU, BUSH, coastal whiptail, desert cottontail, YEWA, CASJ

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

**Log Entry**

0645 Met with crew. Planting and seeding were completed the previous day, so crew will spend today cleaning up the site and building protective cages. Picking up any trash, gathering empty plant containers and carrying crates, fixing basins, etc. Monitor is on site due to high number of active nests nearby.

1000 Observed YEWA flying from willows in mining pit to oak on opposite side of the trail.

1045 Another YEWA in oaks directly adjacent to staging area. Foraging, no nesting behavior or calls heard.

1100 Crew breaks for lunch and plan to spend rest of day building/placing protective cages.

**Additional Comments**

N/A

**Signature**





photo\_1-20210506-174118.jpg  
-118.17516 34.19246

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	57 °F	4-6 MPH	100 %
<b>End of Day</b>	14:45	73 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 5 assembling rabbit fencing in DG-W-1; labor finders crew of 6 hand pulling perennial pepperweed in DG-4A on the south west side of the site, in the large open field south of the twin boulders 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:**

BEWR, CALT, SPTO, BHGR, HOFI, NUWO, COYE, MODO, HOFI, AMCR, CASJ, BUSH, CATH, NRWS, ATFL, PUF1, CAKI, ACWO, LEGO, WETA, RSHA, YRWA, WAVI, COHU, Coastal whiptail, Western fence lizard, Common side blotched lizard.

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

**Log Entry**

0645: Had a tailgate meeting with the crew to reiterate general safety measures.

0700: Performed a nesting bird survey in DG-4A while the Natures Image crew began working on making rabbit fencing.

0715: Cleared crew to work, monitored vegetation clearing in DG-4A.

0230: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_DG-4A\_facingS.jpg  
-118.17541 34.19033



photo\_2-after\_vegetation\_clearing\_DG-4A\_facingS.jpg  
-118.17541 34.19033



photo\_3-before\_vegetation\_clearing\_DG-4A\_facingN.jpg  
-118.1753 34.19036



photo\_4-after\_vegetation\_clearing\_DG-4A\_facingN.jpg  
-118.17529 34.19036

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 10, 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>	15:00	64 °F	7-9 MPH	100 %

**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-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:**

CALT, CASJ, WIWA, SPTO, BUSH, CATH, OATI, BHGR, Desert cottontail, ACWO, California ground squirrel, BEWR, SOSR, CAKI, WEBL, HOFI, LEGO, BLPH.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-2 and DG-2 new channels.

0700: Cleared crew to work, monitored vegetation clearing in the aforementioned areas. Closely monitored BUSH-14, as the crew was working within the buffer of the nest. No activity was observed at the nest for the duration of the day, however it remains fully intact or close to.

1000: Observed Wilson's Warbler foraging in DG-2 near the second island from the north. No nesting behavior or territorial calls observed/heard.

1130: Crew moved near CALT-1, this activity was closely observed. The pair was foraging and courting each other, no behavioral changes noted upon crew approach.

1455: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_facingE.jpg**  
-118.1718 34.19077



**photo\_2-after\_weeding\_facingE.jpg**  
-118.17174 34.19073



**photo\_3-before\_weeding\_facingE.jpg**  
-118.17187 34.19069



**photo\_4-after\_weeding\_facingE.jpg**  
-118.1719 34.19067

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 11, 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>	14:15	75 °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-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:**

CASJ, SOSP, COYE, SPTO, CALT, NOMO, BEWR, CATH, OATI, WAVI, BUSH, PSFL, CAQU, MODO, LEGO, AMCR, ALHU, ATFL, NRWS, NUWO, Southern pacific rattlesnake, Desert cottontail, Western fence lizard.

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

**Log Entry**

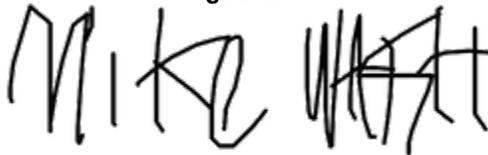
0645: Performed a nesting bird survey in DG-2, DG-2 new channels.

0655: Cleared crew to work, monitored vegetation clearing in DG-2 and DG-2 new channels. Closely monitored nest BUSH\_14 and CALT\_1, as the crew was working near these buffers. Once again, no activity noted at the bushtit nest, and the pair of towhees were foraging together with no notable behavior changes.

1400: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

Signature





**photo\_1-before\_weeding\_facingSE.jpg**  
-118.17156 34.19059



**photo\_2-after\_weeding\_facingSE.jpg**  
-118.17156 34.19062



photo\_3-before\_weeding\_facingW.jpg  
-118.17162 34.19039



photo\_4-after\_weeding\_facingW.jpg  
-118.17164 34.19033

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 12, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:15	78 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

About 16 workers (temp crew plus 2 regular Natures Image crews) hand-pulling on east side, south of Johnson Field. Daniel Holmes seems to be running around elsewhere doing maintenance except to ferry vegetation tarps to dumpster on 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, NRWS, COYE, SOSP, SPTO, CATH, CALT, CAQU, WAVI, WIWA, BUOR, WREN, SWTH, RCPA, Fence lizard, California ground squirrel, EUST, HUVI, BHGR, BUSH, LEGO, ATFL, WEWP, BEWR, NUWO, ALHU, ANHU, Western toad, Desert cottontail

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

**Log Entry**

0645 All workers start hand-pulling in DG-2-WOUS, DG-2 New Channels, DG-2, working southward from Johnson Field and focusing on planted sections that are getting severely overgrown with perennial pepperweed, hemlock, and mustards.

0730 Translocated large western toad from muddy drip emitter to mule fat to avoid getting stepped on.

0800 I've confirmed that CALT\_1 is not active (no nest anywhere, as I suspected 2 weeks ago) and am releasing the buffer. SOSP, COYE, CALT, SPTO singing males active in area, no COYE or SOSP pairs observed, so immediate area likely free of nests. An unknown Rorippa species (Brassicaceae) could be native and is being left standing.

0930 CALT seems slightly agitated at crew on western side of work area but I'm not seeing any nearby nests and am letting them work.

1330 That CALT's nest possibly found but empty. Nest in mule fat near where secondary NI crew was working.

Entered into Collector. This may be CALT\_1 pair's new nest but it's empty, CASJ may have gotten it already. Could also be newer CASJ nest, needs followup. Crew moved to other side of willow to aim for 50 foot buffer.

1430 Secondary crew leaves.

1500 Main crew is done but I am still collecting notes, etc until 1515.

**Additional Comments**

N/A

**Signature**





photo\_1\_handpulling\_DG-2\_New\_Channel\_WOUS\_facingE.jpg  
-118.17198 34.19024



photo\_2\_handpulling\_DG-2\_New\_Channel\_WOUS\_facingW.jpg  
-118.17161 34.19024



photo\_3\_after\_handpulling\_DG-2\_New\_Channel\_WOUS\_facingE.jpg  
-118.17196 34.19022



photo\_4\_after\_handpulling\_DG-2\_New\_Channel\_WOUS\_facingW.jpg  
-118.17157 34.19024

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 13, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	73 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 11 hand pulling perennial pepperweed in 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:**

CAKI, NÔMO, LEGO, SPTO, CASJ, ACWO, MODO, Desert Cottontail, CATH, CALT, SOSP, ANHU, RCPA, BUSH, ALHU, WTSW, CORA, ATFL, NRWS, HOFI, SAPH, RTHA, WEBL.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-2, DG-2 new channels, DG-2 WOUS.

0700: Cleared crew to work, monitored vegetation clearing in DG-2, DF-2 new channels progressing south.

1400: Took photo points of restoration areas.

1445: Crew began wrapping up pulling while I finished up taking photos.

**Additional Comments**

N/A

Signature





photo\_1-before\_weeding\_DG-2\_facingNW.jpg  
-118.17205 34.19037



photo\_2-after\_weeding\_DG-2\_facingNorthWest.jpg  
-118.17212 34.1904



**photo\_3-before\_weeding\_DG-2\_facingNorth.jpg**  
-118.17234 34.19003



**photo\_4-after\_weeding\_DG-2\_facingNorth.jpg**  
-118.17226 34.19004

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 14, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	77 °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, mustard and poison hemlock in 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:**

SPTO, CASJ, CALT, SOSP, BEWR, LEGO, CAKI, HOFI, ACWO, WTSW, NOMO, BUSH, WEWP, NRWS, TUVU, CATH, Southern pacific rattlesnake, MALL, OSFL, Coyote.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-2, DG-2 new channels.

0700: Monitored vegetation clearing in the area mentioned above. Work was focused on the planted area just west of the channel.

1157: Found a Southern pacific rattlesnake, advised crew on location so they would stay clear of it.

1450: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-2\_facingSouth.jpg**  
-118.17228 34.19025



**photo\_2-after\_weeding\_DG-2\_facingSouth.jpg**  
-118.17227 34.19028



photo\_3-before\_weeding\_DG-2\_facingSouthWest.jpg  
-118.17235 34.1899



photo\_4-after\_weeding\_DG-2\_facingSouthWest.jpg  
-118.17231 34.18993

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: May 17, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	58 °F	0-3 MPH	100 %
<b>End of Day</b>	14:15	68 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (11) hand-weeding in DG-2 WOUSI

**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, SOSP, LEGO, ACWO, Desert cottontail, SPTO, BEWR, CAQU, CASJ, BHGB, RTHA, BLPH, CALT, WIWA, MODO, Gopher, PHAI, BUSH, NRWS, RSHA, AMKE, California ground squirrel, NUWO, ALHU

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

**Log Entry**

0645 Met with crew in DG-2 WOUS, continuing in same area ss last week. Moving south. Weeds are primarily poison hemlock, perennial pepperweed, and mustard (all flowering).

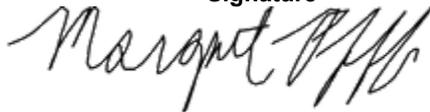
0930 Reported two breaks in ESA fencing on either side of the basin. One just north of Johnson Field, the other in DG-7.

0940 Tried to recheck LEGO-2 but saw a family of CAQU moving through the buffer towards ESA fence and did not want to disturb. Will check later. Monitor searched for nests and nesting behavior throughout the day.

**Additional Comments**

N/A

**Signature**





**Vegetation Removal-20210517-135944.jpg**  
-118.17222 34.19009



**Vegetation Removal-20210517-140002.jpg**  
-118.17224 34.1901



**Vegetation Removal-20210517-140014.jpg**  
-118.17225 34.19012



**Vegetation Removal-20210517-210415.jpg**  
-118.17236 34.19002

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: May 18, 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	73 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crews (17) hand-weeding in DG-W-1 and DG-2 WOUS

**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, ALHU, CASJ, CATH, CALT, SPTO, BEWR, LEGO, SOSP, CAQU, MODO, Desert Cottontail, NUWO, BLPH, CAKI, WEWP, RTHA, NRWS, WEBL, Coastal Whiptail, YEWA, RWBU, BUOR, OATI, BUSH, ATFL, Bobcat

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

**Log Entry**

0645 Two crews on site today. One led by Daniel/Didier and another led by Raul. Met with foreman to discuss areas to be weeded today. Raul's crew to start in Johnson Field, focusing on weeds already flowering/seeding. These are mustards, wild radish, filaree, dog fennel, Lepidium didymum, and chenopodium. Other crew will begin by tarping up remaining vegetation piles from yesterday and will continue to pull poison hemlock, pepperweed, and mustards in DG-2 WOUS.

0700 Monitor checked CASJ-6 for activity.

0745 Nest searched in BUSH-14 buffer which is overgrown with weeds. No activity observed at nest.

0900-1015 Closely monitored crew while pulling flowering mustards in corner of DG-2 at SW edge of DG-W-1. No distress from CASJ. Nest likely fledged.

1230 Briefly saw female YEWA in mule fat.

1415 Several species scolding bobcat under oaks east of road at SE corner of Johnson Field. Bobcat walked out of sight, but birds continued to call for several minutes.

1435 Crews stopped pulling

**Additional Comments**

N/A

**Signature**





**Area cleared yesterday\_facing South.jpg**  
-118.17228 34.19014



**Before weeding\_DG-2 WOUS\_facing South.jpg**  
-118.17232 34.1898



**Starting work in DG-W-1.jpg**  
-118.17222 34.19164



**After\_pulled west side of DG-2 WOUS.jpg**  
-118.17229 34.18979

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 19, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	51 °F	0-3 MPH	100 %
<b>End of Day</b>	15:15	75 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Crews working on east side pulling weeds around plantings. 6-man crew with Alberto; 6 workers on regular planting crew, plus temp crew of 6.

**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, WWPE, SOSP, CASJ, CATH, CALT, CAQU, SPTO, Eastern Fox Squirrel, Desert Cottontail, PHAI, BUOR, HOFI, California Ground Squirrel, WIFL (transient, silent except for a few whits), WIWA, COYE, HOOR, CORA, Gopher Snake, ANHU, BEWR, LEGO, RCPA

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

**Log Entry**

0645 Meeting w/ crews, getting work locations to survey (DG-2, DG-2 New Channels, DG-2 WOUS).

0700 Alberto's crew is just south of Johnson Field at 34.191064°N 118.172086°W getting into willow canopy pulling hemlock etc resprouts. Fairly quiet birdwise: CASJ, SPTO. Griffith sediment removal taking place directly adjacent to this location (beyond willows).

0800 Meet up with other planting crew and temp crew at 34.189819°N 118.172212°W pulling hemlock, pepperweed, mustard, etc.

0916 Done clearing BUSH\_14 nest buffer (failed) for any additional nesting.

1045 Surveyed further down new channel. Weeds are very tall (Conium, mustard) at South end. COYE (m,f) and SOSP (m singing). Transient WIFL seen at 34.188315°N 118.172912°W. Some whit calls but no fitz-bew.

1300 Crews are approaching CATH-3 nest but I haven't seen any activity there. But they didn't need to get around buffer because they are doubling back to get any weeds that were missed. Lots of Phacelia from seed mix in bloom (P. ramisissima, P. cicutaria, etc). 24" gopher snake with large bulge seen crossing new channel.

1430 Secondary NI crew heading out from DG-2.

1440 Another WIFL (could be same one) whitting further north at 34.190230°N 118.172228°W.

1450 Other crews stop pulling and bag rest of piles.

**Additional Comments**

N/A

**Signature**





photo\_1\_hand-pulling\_DG-2\_facingNorthWest.jpg  
-118.17205 34.19097



photo\_2\_hand-pulling\_DG-2\_WOUS\_facingNorthEast.jpg  
-118.17244 34.18943



photo\_3\_hand-pulling\_DG-2\_facingSouth.jpg  
-118.17231 34.19113



photo\_4\_hand-pulling\_DG-2\_WOUS\_facingSouth.jpg  
-118.1723 34.18975

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: May 20, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	69 °F	0-3 MPH	100 %
<b>End of Day</b>	14:30	69 °F	4-6 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crews (12) hand-weeding in DG-2, DG-2 New channels, and 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:**

CASJ, WIWA, CALT, SPTO, CAQU, LEGO, CORA

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

**Log Entry**

0645 Met with crews. Cleared one group to work in old BUSH-14 buffer. Second group clearing slope along road at NE end of DG-2. Third group (led by Raul) continuing south on west edge of DG-2. Removed buffer for LEGO-2, which has not been seen for several weeks. Crews are prioritizing broadleaf species over grasses to move through areas more quickly. Spending time on grasses in small areas would mean more widespread broadleaves will go to seed before the crew can reach them. Low bird activity throughout work area.

0915 Removed CATH-3 buffer. No activity and did not find nest. Assume last observation was adult feeding fledgling away from nest.

1030 Crew finished in DG-2 and moved north to DG-W-1 Johnson Field.

1400 Raul's crew finished in DG-2 and moved to DG-W-1 to join other crew.

1420 Stopped pulling

**Additional Comments**

N/A

**Signature**





DG-2 New channels\_facing North\_BUSH14 buffer.jpg



DG-2\_facing West\_before.jpg  
-118.1723 34.19055



**BUSH14 buffer\_after.jpg**  
-118.17155 34.19058



**DG-2\_after.jpg**  
-118.17206 34.19054

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: May 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	68 °F	7-9 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (18) hand-weeding in DG-W-1 and 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:**

Coyote, MODO, RTHA, CALT, LEGO, CATH, CAQU, CASJ, BEWR, NRWS, WETA, PHAI, HOFI, CAKI, BUOR, SOS, ALHU, BUSH, BARS, Desert Cottontail, Rattlesnake, ACWO

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

**Log Entry**

0645 Crews continuing where they left off yesterday in Johnson Field. Four guys going back through DG-2 new channels and DG-2 to pull pepperweed in edges of mulefat clumps.

0900 Winds picking up, carrying willow/mule fat fluff and dust/dirt. Griffith's road closure blew over at SE corner of Johnson field.

1200 Two rattlesnakes (one large, other juvenile) uncovered in grassy area along North East slope of Johnson Field while crew removing mustards. Both coiled and sitting tight. Advised crew to work in open areas rather than disturb snakes.

1245 Drove to west side to meet ECORP biologists and walk through DG-4 WOUS to plan for Phase 3 work. Crew was in area where bird nests were not a concern so monitor felt comfortable stepping away.

1415 Crew stopped pulling.

**Additional Comments**

N/A

**Signature**





**DG-W-1\_weeding\_facing North.jpg**  
-118.17176 34.19092

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 24, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	14:50	91 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 13 hand pulling grass along the east side of 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:**

MODO, SOSP, SPTO, ACWO, CAKI, HOFI, CASJ, RTHA, San Diego Gopher Snake, PHAI, BUSH, ALHU, CALT, LEGO, OATI, CAQU, NRWS, BCHU, LAZB, BUOR, WREN, California Ground Squirrel, Western Fence Lizard, Desert Cottontail, Common Side Blotched Lizard, Coastal Whiptail, BEWR, ANHU, DEJU.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-W-1.

0655: Cleared crew to remove weeds on the east end of DG-W-1.

0700: Gave 2 new employees WEEP training.

0715: Monitored vegetation clearing in DG-W-1.

0245: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_DG-W-1\_facingNorth.jpg  
-118.1712 34.19107



photo\_2-after\_vegetation\_clearing\_DG-W-1\_facingNorth.jpg  
-118.17124 34.19102



photo\_3-before\_vegetation\_clearing\_DG-W-1\_facingNorthWest.jpg  
-118.17083 34.19135



photo\_4-after\_vegetation\_clearing\_DG-W-1\_facingNorthWest.jpg  
-118.17082 34.19142

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	10 %
<b>End of Day</b>	14:10	88 °F	7-9 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 12 hand pulling perennial pepperweed, mustard and poison hemlock in DG-2, DG-2 WOUS near the south end of the channels progressing towards the south.

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

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

**List of species observed while monitoring:**

RTHA, SPTO, ANHU, CALT, BEWR, CASJ, SOSP, BUSH, MODO, HOFI, RCPA, PHAI, CATH, NUWO, COYE, NRWS, Desert Cottontail, Coastal Whiptail.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-2, DG-2 WOUS.

0700: Cleared crew to work, monitored vegetation clearing in DG-2, DG-2 WOUS.

0715: Assigned 2 crew members to pick up vegetation piles which had been left behind in earlier weeks on the east side, assigned 2 different crew members to finish gathering seed heads in DG-W-1 from yesterday's removal efforts.

1200: Scouted new areas for vegetation removal, took photo points.

1400: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_hand\_pulling\_DG-2\_facingSouth.jpg  
-118.17255 34.18909



photo\_2-after\_hand\_pulling\_DG-2\_facingSouth.jpg  
-118.17247 34.18919



photo\_3-before\_hand\_pulling\_DG-2\_facingSouth.jpg  
-118.17287 34.18845



photo\_4-after\_hand\_pulling\_DG-2\_facingSouth.jpg  
-118.17287 34.18848

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: May 26, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	60 °F	0-3 MPH	90 %
<b>End of Day</b>	15:15	83 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image regular and temp crews working on east side toward southern end with foreman Daniel Holmes. Thirteen workers in total.

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

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

**List of species observed while monitoring:**

SPTO, CALT, CASJ, CATH, CAQU, ANHU, SOSP, MODO, BEWR, ALHU, BUOR, RCPA, Desert Cottontail, California Ground Squirrel, CORA, LEGO, WEWP, Striped Racer reported by workers, Southern Pacific Rattlesnake, COHA, PHAI, HUVI

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

**Log Entry**

0645 Crews starting in DG-2 WOUS, DG-2, DG-2B: hemlock, pepperweed, Hirschfeldia, tocalote, etc.

0800 Discovered CAQU nesting in mule fat scrub along road in DG-2B (CAQU-2). Weeding work came very close (< 1ft) to the nest in dried grassy/horseweed clump but nest is still concealed and female returned to nest soon thereafter.

0945 Confirmed no activity at CATH\_2; planted area is very overgrown with chest-height lush green weeds: hemlock, Hirschfeldia, pepperweed.

1230 Four workers were pulling mustard etc from a planted area (DG-2B) that I had surveyed earlier after moving them from the CAQU nest above. However, CALT pair appeared concerned, then I found a new CALT\_3 nest which had been slightly disturbed/shifted from workers having pulled several tall adjacent mustards. It contained 2 eggs. I immediately instructed the workers to leave the area to allow the adults to return to the nest. However, when workers left, adults didn't seem to be returning to the nest for an hour plus before I called Margie Pfeffer and then Lauren Simpson to discuss potential solutions or reporting requirements if the nest was indeed abandoned. Lauren suggested replacing some of the pulled veg to reconceal the nest and make it more hospitable to the adults, which I had done successfully once before on a different project (eventual nest success with a rufous-crowned sparrow nest).

1245 A 30" southern Pacific rattlesnake was discovered by the portable cooler and retreated to a mule fat clump by the time I arrived. No attempt was made to move it since this was a few hundred feet north of the current work areas.

1400 After more monitoring of crew and the phone calls above, I placed some large pulled mustard plants next to CALT-3.

1430 The CALT pair was back in the area and perhaps was returning to the nest.

1445 Crews began wrapping up with bagging the rest of the rest of the cuttings from their work area at the southern end of DG-2/DG-2 WOUS. I discussed the CALT nest with foreman Daniel Holmes and insisted that they stick together as much as possible, since my monitoring of several different areas where the crews were scattered likely contributed to overlooking the CALT nest. After crews were done pulling I stuck around to get photos, work on log, coordinate with other monitors, and monitor what I could of CALT-3. Photos of the nest were uploaded to Collector (none attached here).

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, appearing to be 'S.A.', with a long horizontal line extending to the right.

photo\_1\_hand-pulling\_DG-2\_WOUS\_facingNorth.jpg  
-118.17279 34.18869



photo\_2\_after\_hand-pulling\_DG-2\_WOUS\_facingNorth.jpg  
-118.1727 34.18871



photo\_3-after\_hand-pulling\_DG-2\_WOUS\_facingSouthWest.jpg  
-118.17294 34.18838



photo\_4-after\_hand-pulling\_DG-2\_facingSouthWest.jpg  
-118.17281 34.18832

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 27, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	60 °F	0-3 MPH	60 %
<b>End of Day</b>	15:00	75 °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, mustard, and curly dock on the far southwest side of the site in DG-2, DG-3B, and DG-2 WOUS.

**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:**

NRWS, CALT, SOSP, CASJ, KILL, BEWR, BUSH, SPTO, BARS, CORA, MALL, Striped Racer, San Diego Alligator Lizard, LEGO, MODO, RTHA, YEWA, WTSW, ATFL, CAKI.

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

**Log Entry**

0645: Performed a nesting bird survey. Confirmed failure of CALT-4. No adults were seen on or near the nest, and it remained intact. This was also reexamined from a distance several times throughout the day with no change. Found a potential CALT nest in a patch of DG-2 (CALT-5 on collector). Area was flagged off at a 50 foot buffer and crew was advised to avoid, as well as the areas within eyeshot of CALT\_4 just in case it decided to return to the old nest. Foot traffic was redirected into the channel for the day to minimize disturbance. Did a sweep of DG-3B, which came back with no nests.

0720: Monitored vegetation clearing in DG-3B.

0900: Swept the southernmost corner of DG-2.

0910: Reassigned 1/2 of crew to cleanup in DG-3B, while the other half of the crew moved into the southernmost corner of DG-2 to pull vegetation.

1130: The DG-3B cleanup crew was reassigned to detail work going up the channels near the others.

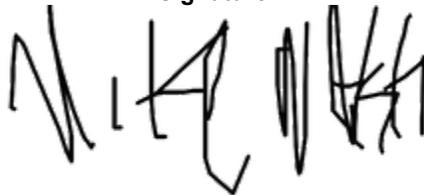
1246: YEWA male heard singing near the northeast side of DG-2 along the trail.

1445: Crew began working on cleanup while I inspected the site.

**Additional Comments**

YEWA heard singing (but not seen) at multiple points at the northeast corner of DG-2, well away from crew efforts. This will be examined further on 5/28.

**Signature**





**photo\_1-before\_pulling\_DG-3B\_facingSouth.jpg**  
-118.1734 34.1874



**photo\_2-after\_pulling\_DG-3B\_facingSouth.jpg**  
-118.17332 34.18759



**photo\_3-before\_pulling\_DG-2\_facingSouth.jpg**  
-118.17308 34.1882



**photo\_4-after\_pulling\_DG-2\_facingSouth.jpg**  
-118.17316 34.18823

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: May 28, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	100 %
<b>End of Day</b>	13:10	75 °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, curly dock and mustard in DG-3B and DG-3A.

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

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

**List of species observed while monitoring:**

CAQU, CALT, SPTO, BEWR, SOSP, ALHU, HOFI, RTHA, AMCR, MALL, NRWS, CORA, WTSW, ANHU, RCPA, COYE, CASJ, KILL, San Diego alligator lizard, Desert Cottontail.

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

**Log Entry**

0645: Performed a nesting bird survey. Discovered an adult of CALT\_4 sitting on the ground within a foot of its nest. The crew was advised to avoid this area within sight or earshot, and all crew foot traffic along the trail was rerouted to the channels for the day to minimize disturbances. The crew was relocated to DG-3B.

0715: Monitored vegetation clearing in DG-3B.

0930: Relocated a San Diego alligator lizard outside of the work area.

1000: Crew moved into DG-3A and work progressed south.

1200: Surveyed the area along the trails at the north end of DG-2 for the yellow warbler which had been heard yesterday; no YEWA seen or heard.

1300: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-DG-3B\_before\_pulling\_facingSouth.jpg**  
-118.17347 34.18731



**photo\_2-DG-3B\_after\_pulling\_facingSouth.jpg**  
-118.17344 34.18725



photo\_3-san\_diego\_alligator\_lizard\_relocation\_facingSouth.jpg  
-118.17348 34.18706

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 1, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	59 °F	0-3 MPH	70 %
<b>End of Day</b>	15:05	87 °F	7-9 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 15 hand pulling perennial pepperweed, poison hemlock, and mustard in DG-3A, DG-4B, 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:**

CALT, CATH, HOFI, ANHU, BEWR, COYE, SOSP, NRWS, BLPH, CORA, KILL, MALL, SBMU, COHA, RTHA, ALHU, CASJ, BUSH, California ground squirrel, EUST, AMCR, PHAI, WEBL, ACWO, SPTO, RSHA, BUOR, LEGO, California kingsnake, MODO, CAKI, ATFL, BGGN, WTSW, BARS, CAQU, California ground squirrel, Western fence lizard, Common side blotched lizard, Southern pacific rattlesnake.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-3A.

0655: Cleared crew to work in DG-3A, monitored vegetation clearing.

0800: A crew member reported hearing a rattlesnake on the hillside in the second southernmost clearing of DG-3A, this area was avoided to minimize risk of personal injury during relocation due to the incline and the lack of visualization. Crew progressed south while cleaning up as they went.

1030: Crew moved to the far north strip of DG-2 which had a small amount of mustard which had not been taken care of. I swept the area, cleared them to work and they cleared vegetation there until break while I moved ahead to survey DG-4B, which had significant cover and required a thorough survey.

1130: Monitored vegetation clearing in DG-4B.

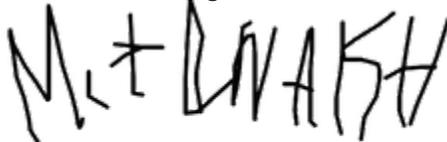
1210: Relocated a California king snake which was in DG-4B; the crew was working nearby and there was a trampling risk. Individual was moved to a nearby area just south of DG-4B which will not be weeded soon that looked similar to the area it was found in.

1500: Crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4B\_facingSouth.jpg**  
-118.17505 34.19251



**photo\_2-after\_weeding\_DG-4B\_facingSouth.jpg**  
-118.17502 34.19254



**photo\_3-before\_pulling\_DG-3A\_facingEast.jpg**  
-118.17318 34.1873



**photo\_4-after\_pulling\_DG-3A\_facingEast.jpg**  
-118.1731 34.18735

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: June 2, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	60 °F	0-3 MPH	100 %
<b>End of Day</b>	15:00	85 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image regular crew and temp crew (12 workers) hand-pulling on west side, around Hahamongna 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:**

BHGR, CORA, CALT, SPTO, CASJ, BGGN, BEWR, BUSH, COHA, SOSP, HOFI, OCWA, Alligator lizard, Fence lizard, Side blotched lizard, Coastal whiptail, MODO, ACWO, ALHU, ANHU, Big-eared woodrat middens, California ground squirrel, LEGO, RTHA, CAQU

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

**Log Entry**

0645 All workers starting in DG-4B, pulling dense cover of pepperweed, hemlock, mustards around plantings.

0800 CALT-6 nest located in thicket under willows. Several more old CALT and CASJ nests found up on the flats in the planted elderberries/willows/cottonwoods that are now 6+ ft tall. 2 SOSP singing in area but no indication of nesting.

1000 Workers have reached the south end of DG-4B where it descends into the bottomland vegetation.

1100 Phone discussion with Margie, information about the two-striped garter snake mortality in the construction zone, which I passed along to Daniel Holmes and others.

1245 Some workers are getting into DG-4 (planted) on south side of parking lot while I clear it for nests. No new nests. I removed the buffer for SPTO\_2 (likely failed) and BUSH\_20 (failed).

1345 Most workers are in this area. I remind them to pull weeds growing in watering rings with natives.

1450 Crew is done pulling and is heading out with bundles.

**Additional Comments**

N/A

**Signature**





**photo\_1\_hand\_pulling\_DG-4B\_facingNorth.jpg**  
-118.17495 34.19202



**photo\_2\_hand\_pulling\_DG-4B\_facingSouthWest.jpg**  
-118.17501 34.19198



photo\_3\_hand\_pulling\_DG-4\_facingSouth.jpg  
-118.17553 34.19201

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: June 3, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	4-6 MPH	75 %
<b>End of Day</b>	15:00	82 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling poison hemlock and mustard in DG-4 near the northern 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:**

HOFI, SPTO, ALHU, COYE, LEGO, SOSF, NRWS, MODO, BUSH, BARS, RCPA, CAQU, ACWO, CASJ, AMCR, ATFL, BEWR, Coastal whiptail, Common side blotched lizard, BCHU, RTHA.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-4.

0655: Cleared crew to work, monitored vegetation clearing in DG-4.

0955: Discovered a California quail nest in DG-4. Crew was advised to avoid, and the area was flagged off.

1230: Relocated tadpoles to the Altadena drain with Max Murray following a phone conversation with Lauren Simpson; a few western toad tadpoles were found in a small pool caused by an irrigation leak which was inevitably going to dry up after the leak was fixed. The leak had been missed by the crew in weeks prior because the pools were located behind thick patches of mustard and assorted natives.

1430: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pulling\_DG-4\_facingNorthWest.jpg**  
-118.17329 34.19374



**photo\_2-after\_pulling\_DG-4\_facingNorthWest.jpg**  
-118.17327 34.19387

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 4, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	0 %
End of Day	13:33	81 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling mustard, Erodium, and poison hemlock in DG-4 near the north 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:**

HOFI, LEGO, MODO, SOSP, COYE, COHU, BUSH, ANHU, BGGN, BARS, NRWS, CASJ, SPTO, WTSW, WREN, Desert cottontail, Western fence lizard, Coastal whiptail, OATI.

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645: Performed a nesting bird survey.

0655: Monitored vegetation clearing in DG-4., primary focus on Erodium and mustard removal. Most of the Erodium was concentrated at the bases of the container plants, and the mustard was interspersed between in dense patches.

1130: Crew began moving down the hill (south) into the lower planted area, shifting focus instead to pulling poison hemlock. Monitored this activity. Common yellowthroat and song sparrow heard singing but no indication of nesting.

1325: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_removal\_DG-4\_facingSouth.jpg  
-118.17316 34.19362



photo\_2-after\_vegetation\_removal\_DG-4\_facingSouth.jpg  
-118.17313 34.19363



photo\_3-before\_vegetation\_removal\_DG-4\_facingSouth.jpg  
-118.17314 34.1937



photo\_4-after\_vegetation\_removal\_DG-4\_facingSouth.jpg  
-118.17314 34.19375

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 7, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	100 %
End of Day	15:00	61 °F	7-9 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling perennial pepperweed and mustard in DG-4, DG-4A just south and east of the northernmost parking lot.

**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:**

BHGR, CAQU, ANHU, SPTO, SOSP, MODO, WREN, BUSH, YEWA, CALT, HOFI, ALHU, NRWS, OCWA, CATH, LEGO, BEWR, BARS, Desert Cottontail.

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

**Log Entry**

0645: Performed a nesting bird survey in a planted area of DG-4 just south of the northernmost parking lot.

0700: Cleared crew to work. Monitored vegetation clearing in the forementioned area.

0716: Male YEWA heard calling and observed nearby the crew. They were sent up to the large patches of perennial pepperweed east of parking lot to clear vegetation while I investigated. After it was determined that the YEWA was no longer in the vicinity, we decided to keep the crew in the area they were sent to (DG-4/DG-4A) because we were expecting a delivery of posts, which the crew would help unload, because they would be nearby when it showed up, also out of an abundance of caution regarding the YEWA sighting.

0830: Removed buffers on 2 nests: CASJ\_9, CASJ\_1, both were inactive and there was no nearby CASJ activity. It is unclear whether the nests failed or fledged, but CASJ\_10 was immediately within the vicinity of CASJ\_9, meaning that 10 may have been the successful product of the same pair.

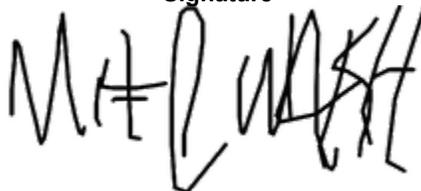
1100: Posts were delivered, but foreman Daniel Holmes was able to secure a forklift, so the crew continued pulling and I monitored their activities.

1430: Crew finished clearing vegetation for the day and started hauling tarps while I inspected the site.

**Additional Comments**

YEWA was heard and seen immediately in the vicinity of crew working. It was repeatedly calling, jumping from tree to tree. The crew was immediately moved, and the singing bout continued for 15 minutes, and the individual seemed to be progressing westward, continuing into the oak woodland to the west. After about 15 minutes, the calling bout ceased. The area was periodically checked throughout the day, and no evidence of YEWA presence was detected. Given this, and given the fact that we had been working nearby for several days with no issue, it was likely just passing through, but the area will continue to be closely monitored.

Signature





**photo\_1-before\_pulling\_facingEast\_DG-4A.jpg**  
-118.17247 34.19372



**photo\_2-after\_pulling\_facingEast\_DG-4A.jpg**  
-118.17246 34.19377



**photo\_3-before\_pulling\_facingEast\_DG-4A.jpg**  
-118.17229 34.19363



**photo\_4-after\_pulling\_facingEast\_DG-4A.jpg**  
-118.17231 34.19362

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 8, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	90 %
End of Day	14:30	75 °F	7-9 MPH	1 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling perennial pepperweed and mustard in DG-4 and DG-4A just East of the northern 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:**

RTHA, MODO, HOFI, LEGO, ANHU, SPTO, CASJ, WREN, BUSH, KILL, BARS, NOMO, OCWA, ALHU, BHGR, NRWS, CALT, OATI, WEWP, Desert Cottontail, COYE, Common Side Blotched Lizard, RCPA, AMCR, Western Fence Lizard, Western Toad, COHA, CORA, California Ground Squirrel, Coastal Whiptail.

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

**Log Entry**

0645: Performed a nesting bird survey while crew worked on cleanup behind me in DG-4A.

0655: Monitored vegetation clearing in DG-4A and DG-4. Most of the area was either plantings or mulefat thickets which had become overrun by perennial pepperweed and mustard.

0900: Investigated the status of CALT\_10, the nest near the north edge of the mining pit. One fully fledged juvenile was observed foraging and flying in the vicinity, and the nest is no longer active.

1130: As crew began running out of work in the open planted areas, I directed them to the area under the arroyo willows which is in the immediate vicinity of the finished work areas. Following a brief resurvey and a conversation to reiterate best practices for rattlesnake encounters, they were cleared to work, and I monitored their efforts.

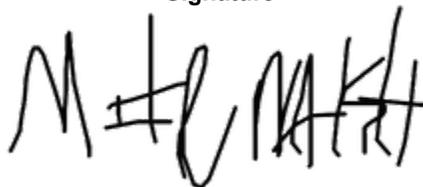
1330: Filled an old metal pole (had previously been a goal for frisbee golf) with dirt because it had become a trap for lizards.

1420: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_removal\_DG-4A\_facingNorthEast.jpg  
-118.17228 34.1936



photo\_2-after\_vegetation\_removal\_DG-4A\_facingNorthEast.jpg  
-118.17226 34.19363



**photo\_3-before\_vegetation\_removal\_DG-4\_facingEast.jpg**  
-118.17212 34.19379



**photo\_4-after\_vegetation\_removal\_DG-4\_facingEast.jpg**  
-118.1721 34.19385

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: June 9, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	56 °F	0-3 MPH	20 %
<b>End of Day</b>	14:30	74 °F	7-9 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 (perm + temp crew) 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:**

MODO, Side Blotched lizard, Coastal Whiptail, Fence lizard, WEWP, ANHU, SOSP, COYE, HOWR, BHGR, NRWS, BARS, CAQU, ATFL, HOFI, RCPA, Southern Pacific Rattlesnake, ACWO, LEGO, RTHA

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

**Log Entry**

0645 Training new temp worker, Ethan Gould, then surveying the coastal scrub/willow area to the east of the northern parking lot that they started weeding *Hirschfeldia*, etc., yesterday (DG-4).

0730 Daniel is showing me bottomland planted area south of parking lot where a line was leaking and created an oasis of hemlock and mustards amongst the planted mule fat, elderberry, etc. New BHGR-3 nest in willows. SOSP and COYE singing here, at least one old SOSP/COYE nest on a weedy plant cage.

1030 A group of 9 workers starting on DG-4 and DG-4A 'upland' area south of parking lot, I show them the BHGR-3 buffer. Weeds here are mostly *Hirschfeldia* with some hemlock. Still three workers at north end of DG-4 planted area, NE of parking lot.

1345 Crew from northern section are done pulling, joins these guys. Large southern Pacific rattlesnake found under rock along trail (34.193613°N 118.172785°W).

1430 Guys are done pulling and start to tarp up.

**Additional Comments**

N/A

Signature





**photo\_1\_hand-pulling\_DG-4\_facingNorthEast.jpg**  
-118.17277 34.19408



**photo\_2\_surveying\_DG-4\_bottomland\_facingSouth.jpg**  
-118.17313 34.19341



**photo\_3\_hand-pulling\_DG-4A\_facingSouth.jpg**  
-118.17291 34.19344



**photo\_4\_hand\_pulling\_DG-4\_facingEast.jpg**  
-118.1726 34.19465

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 10, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	52 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	75 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling mustard, stinking chamomile, horehound and erodium in DG-4 and DG-4C.

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

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

**List of species observed while monitoring:**

HOFI, BARS, SOSP, SPTO, NRWS, BEWR, MODO, HOWR, COYE, CAQU, BUSH, LEGO, WEWP, RTHA, California ground squirrel, Desert cottontail, ACWO, KILL, WREN, BHGR, Coastal whiptail, Southern pacific rattlesnake.

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

**Log Entry**

0645: Monitored vegetation clearing in DG-4 while performing a nesting bird survey of the next work area. The crew worked in a thick mustard monoculture and hand pulled.

0730: Found a nest (CALT\_8) in a California buckwheat in DG-4. I put up flags for avoidance and informed the crew.

0820: Moved a few crew members west to the corner of the parking lot to clear thick patches of stinking chamomile and Erodium.

1048: A helicopter touched down near the JPL complex, releasing a considerable amount of dust into the air.

1130: Transitioned the crew working on mustard into DG-4C, where they pulled scattered erodium, mustard, and horehound.

1410: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





**photo\_1-before\_hand\_pulling\_DG-4\_facingNorthEast.jpg**  
-118.17285 34.19347



**photo\_2-after\_hand\_pulling\_DG-4\_facingNorthEast.jpg**  
-118.17278 34.19346



photo\_3-before\_hand\_pulling\_DG-4\_facingSouth.jpg  
-118.17363 34.19401



photo\_4-After\_hand\_pulling\_DG-4\_facingSouth.jpg  
-118.17362 34.19406

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 11, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	55 °F	0-3 MPH	0 %
<b>End of Day</b>	15:30	82 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 12 hand pulling/weed whacking poison hemlock and mustard in DG-4 surrounding the northern 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:**

MODO, SOSP, COYE, WEWP, CALT, HOFI, KILL, Desert Cottontail, LEGO, RCPA, CAQU, BUSH, NRWS, RTHA, ANHU, BHCO, ACWO, BHGR, Neotoma sp., Southern Pacific Rattlesnake, RSHA, CATH, California Ground Squirrel, Coastal Whiptail, Common Side Blotched Lizard, Western fence lizard, San Diego gopher snake.

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

**Log Entry**

0645: Performed a nesting bird sweep in DG-4, flagged the borders of an existing nest.

0755: Monitored vegetation clearing. Crew was pulling 8-12 foot high poison hemlock which had grown between container plants, and there were open sandy flats near the south of this irrigated area that had been taken over by mustard.

0920: Moved 2 crew members slightly up the hill as we started running out of hemlock to pull. A crew member reported finding a large southern pacific rattlesnake, which then disappeared into the large thick patch on the hillside. To avoid risking injury, I had the crew members move onto pickup and left the area to be cleared another day.

1030: Crew moved to far north side to work on pulling mustard and scattered horehound.

1200: Supervised use of a weed whacker on the south side of the parking lot (DG-4) to clear Erodium and mustard.

1400: Took photos at bi-weekly photo points while the crew wrapped up pulling. In the course of doing this, I encountered a dead San Diego gopher snake in the eastern truck ramp. This species ID was confirmed by Lauren Simpson and another ECorp biologist following a brief phone call.

1510: Photographed and inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_weed\_removal\_DG-4\_facingSouth.jpg  
-118.17334 34.19316



photo\_2-after\_weed\_removal\_DG-4\_facingSouth.jpg  
-118.17328 34.19316



photo\_3-before\_weed\_removal\_DG-4\_facingNorth.jpg  
-118.17224 34.19517



photo\_4-after\_weed\_removal\_DG-4\_facingNorth.jpg  
-118.17224 34.19514

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 14, 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>	14:00	93 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 11 hand pulling perennial pepperweed, mustard and poison hemlock in DG-W-2.

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

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

**List of species observed while monitoring:**

CORA, MODO, CALT, WEWP, HOFI, CAQU, LEGO, SOSp, SPTO, CASJ, OATI, Desert cottontail, BHGR, HOWR, NUWO, Western toad, WTSW, BUSH, RTHA, ACWO, WREN, Coastal whiptail, California ground squirrel.

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

**Log Entry**

0645: Tailgate meeting was held with regards to the coming heat wave, reiterated best practices to avoid and recognize heat illnesses.

0700: Performed a nesting bird survey in DG-W-2, confirmed failure of BUSH\_23. Heard frequent OATI calling in the area, did not locate nest.

0715: Crew began weeding the open planted area of the mining pit (DG-W-2), with crew members alternating between shaded and exposed areas to minimize heat stress. Area was thick with poison hemlock, perennial pepperweed and mustard, similar to the channels on the east side before weeding. Special attention was paid to detailing planting berms, which were filled with assorted invasives.

1030: Surveyed nearby planted areas for potential work and nests. Bird activity was low, possibly due to heat. No nesting behavior observed.

1349: Crew began arranging weeds that had been pulled into piles and covering them with tarps, leaving them to haul in the morning so that they weren't loading and hauling them during the hottest hours of the day. I inspected the site and took photos. After finishing this, they spent the remainder of the day working on microline placement.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_clearing\_DG-W-2\_facingNorth.jpg  
-118.17427 34.19345



photo\_2-after\_vegetation\_clearing\_DG-W-2\_facingNorth.jpg  
-118.17426 34.19345



photo\_3-planting\_berm\_detail\_work\_before\_facingNorth.jpg  
-118.17376 34.19349



photo\_4-planting\_berm\_detail\_work\_after\_facingNorth.jpg  
-118.17382 34.19351

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 15, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	72 °F	0-3 MPH	5 %
<b>End of Day</b>	14:20	100 °F	0-3 MPH	10 %

**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-W-2.

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

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

**List of species observed while monitoring:**

CAQU, RTHA, HOFI, SOSP, CALT, CASJ, SPTO, BEWR, EUST, BHCO, ACWO, LEGO, California Kingsnake (dead), ALHU, NUWO, WTSW, BGGN, HOWR, Western Fence Lizard, Coastal Whiptail, California Ground Squirrel.

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

**Log Entry**

0640: Performed a nesting bird survey in DG-W-2.

0655: Cleared crew to work, they began by hauling out vegetation piles which had been made the day before. Gave Weep training to a new crew member.

0715: Took photos of the northern parking lot restoration borders.

0800: Crew transitioned to hand pulling in DG-W-2. Monitored their activities.

0930: Relocated a western toad outside of the work area to minimize trampling risk.

1410: Crew began working on cleanup while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-before\_vegetation\_clearing\_DG-W-2\_facingSouthWest.jpg  
-118.17407 34.1929



photo\_2-after\_vegetation\_clearing\_DG-W-2\_facingSouthWest.jpg  
-118.17403 34.19296



photo\_3-before\_vegetation\_clearing\_DG-W-2\_facingSouthEast.jpg  
-118.17402 34.193



photo\_4-After\_vegetation\_clearing\_DG-W-2\_facingSouthEast.jpg  
-118.17403 34.19307

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: June 16, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	69 °F	0-3 MPH	80 %
<b>End of Day</b>	14:30	91 °F	0-3 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Large Natures Image crew of about 15 working in untreated areas in South West project area, Daniel Holmes 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:**

CALT, ANHU, ALHU, BEWR, SPTO, BHGR, MODO, CORA, AMCR, WREN, YEWA, Fence Lizard, Coastal Whiptail, Desert Cottontail, BUSH, HUVI, LEGO, ACWO, NUWO, COYE, HOWR, NRWS, GBHE. YEWA location already recorded in Collector.

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

**Log Entry**

0645 Crews head to 'primrose' site, down powerline road from main dumpster parking lot. Very hot day forecast. I quickly survey several open-canopy DG-4A areas scheduled for weed abatement before work starts. Grassy sections on south side of DG-5 are being weed-whipped, while overgrown sections with hemlock, pepperweed, wild radish, etc., are being hand-pulled. CALT slightly alarmed by weed-whipping, may be nesting somewhere in DG-5 irrigated trees/shrubs. Very birdy in overgrown weeds and willow cover to the south (HOFI, SPTO, CALT, YEWA, LEGO, COYE, HOWR, etc). At least two SPTO pairs in area, possibly carrying food but haven't yet confirmed. 0930 Had to relocate a juvenile desert cottontail that was frozen in the weeds when the guys got close. Appears unharmed, relocated to under nearby coast live oak, possibly one other juvenile that ran that way. Reminded weed-whipping crew to refuel only on the road or in truck beds parked on road. And of course reminded them of extreme fire danger. After lunch more pulling etc in same areas. No new nests found. YEWA calling from location already recorded in Collector. Possible old YEWA nest in willow and lesser goldfinch taking material to undetermined location.

2:20. They stop pulling. Some piles are being hauled out now but many piles remain on-site for hauling in the morning, due to the extreme heat.

**Additional Comments**

N/A

**Signature**





photo\_1\_hand-pulling\_DG-4A\_facingSouthEast.jpg  
-118.1771 34.19024



photo\_2\_weed\_whipping\_DG-4A\_facingNorthEast.jpg  
-118.17705 34.19037



photo\_3-before\_hand\_pulling\_DG-4A\_facingEast.jpg  
-118.17723 34.18995



photo\_4\_after\_weed\_whipping\_hand\_pulling\_DG-4A\_facingSouthWest.jpg  
-118.17658 34.19043

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 17, 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>	14:30	93 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 24 hand pulling and weed whacking perennial pepperweed and poison hemlock in DG-4A and DG-4 near the primrose field.

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

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

**List of species observed while monitoring:**

ANHU, MODO, ALHU, SOSP, BUSH, ACWO, NRWS, Western Toad, CASJ, CALT, BCHU, HUVI, HOFI, BEWR, CATH, Desert Cottontail, COYE, BHGR, CAQU, CORA, OATI, BGGN, AMCR, WTSW, 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-4A.

0700: Cleared crew to continue pulling. They began by hauling some of yesterday's leftover vegetation. Two crew members began using weed whackers to clear an open area in DG-4A which I surveyed. Monitored these activities.

0730: Crew members not on weed whackers transitioned to hand pulling perennial pepperweed and poison hemlock in a clearing of DG-4A. Monitored these activities.

0930: A heavy rain began, the crew went to their cars until it passed about 15 minutes later.

1000: Full crew stopped using weed whackers, transitioned to hand pulling near and behind the tree line. Area was thick with poison hemlock and perennial pepperweed.

1310: Performed a preliminary sweep of some areas near where the fence is to be installed south of the parking lot.

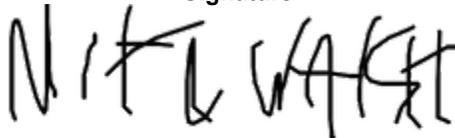
1325: Found some poison oak near where crew had been pulling. Determined that nobody had likely touched it, and gave all temps a talk about identifying poison oak at different life stages and with differing leaf morphologies.

1410: Crew transitioned to cleanup and microline checks while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_removal\_DG-4A\_facingWest.jpg  
-118.17681 34.18963



photo\_2-after\_vegetation\_removal\_DG-4A\_facingWest.jpg  
-118.17681 34.18963



photo\_3-before\_vegetation\_removal\_DG-4A\_facingNorth.jpg  
-118.17666 34.18956



photo\_4-after\_vegetation\_removal\_DG-4A\_facingNorth.jpg  
-118.1767 34.1896

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 18, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	4-6 MPH	100 %
<b>End of Day</b>	13:00	79 °F	4-6 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 20 hand pulling and weed whacking perennial pepperweed and *Chenopodium album* in the boulder region on the west side, DG-4A/ DG-4.

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

Yellow warbler

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

**List of species observed while monitoring:**

COYE, SPTO, YEWA, CALT, CASJ, SOSP, NRWS, LEGO, HOFI, BUSH, BHGR, CLSW, ALHU, CAQU, WTSW, BARS, BLPH, ANHU, BEWR, Western Fence Lizard, Coastal Whiptail, Desert Cottontail, Western Toad,

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

**Log Entry**

0645: Performed a nesting bird survey of DG-4A and DG-4, including the boulder field and the 2 adjacent open areas to the south while the crew tarped up yesterday's vegetation. YEWA heard outside of the work area. BUSH\_20 confirmed inactive during this survey, possibly fledged or failed. Nest is no longer present, no nearby bushtit activity observed.

0730: Crew wrapped up tarping, began hand pulling and weed whacking perennial pepperweed in the boulder field. Monitored these activities.

0845: Flagged off buffer of BGGN\_1, which was in the direction the crew was heading. This nest was monitored throughout the day, and no behavioral changes were observed.

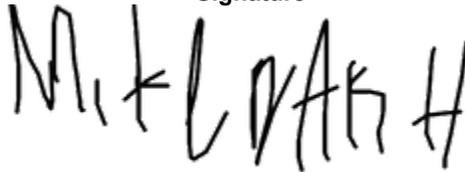
0900: Crew moved to the open field immediately south of the twin boulder field to clear perennial pepperweed by hand.

1145: Crew wrapped up pulling to focus on cleanup and microlines while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4A\_facingNorth.jpg**  
-118.17517 34.19076



**photo\_2-after\_weeding\_DG-4A\_facingNorth.jpg**  
-118.17514 34.19077



**photo\_3-before\_weeding\_DG-4A\_facingSouthEast.jpg**  
-118.17581 34.1899



**photo\_4-after\_weeding\_DG-4A\_facingSouthEast.jpg**  
-118.17573 34.18991

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 21, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	61 °F	0-3 MPH	100 %
<b>End of Day</b>	14:15	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 in the large open areas west and south of the twin boulder field in DG-4A, DG-4.

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

Yellow warbler

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

**List of species observed while monitoring:**

CAQU, COYE, SOSPO, BUSH, SPTO, CATH, BGGN, LEGO, CALT, RCPA, AMCR, HOFI (orange morph), ANHU, ALHU, CASJ, desert cottontail, BEWR, coyote, NRWS, side-blotched lizard, ACWO, WEWP, KILL

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

**Log Entry**

0645: performed a nesting bird survey in DG-4A.

0700: cleared crew to work, monitored vegetation clearing in DG-4A beginning in the open field west of the boulder region. Area was a monoculture of perennial pepperweed with occasional *Chenopodium album*. Observed yellow warbler in oaks west of parking lot.

1145: surveyed area south of current work area (DG-4) for nests and possible work.

1212: discovered an active YEWA nest (YEWA\_3 in collector) feeding young about 75 feet from the crew.

Immediately moved crew, set up a 100-foot buffer, and had a brief discussion with Lauren Simpson regarding reporting requirements.

1400: crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_vegetation\_clearing\_DG-4A\_facingS.jpg  
-118.17554 34.19066



photo\_2-after\_vegetation\_clearing\_DG-4A\_facingS.jpg  
-118.17553 34.19067



photo\_3-before\_vegetation\_clearing\_DG-4A\_facingW.jpg  
-118.17587 34.18969



photo\_4-after\_vegetation\_clearing\_DG-4A\_facingW.jpg  
-118.17581 34.18971

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 22, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	59 °F	0-3 MPH	5 %
<b>End of Day</b>	14:45	84 °F	7-9 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 18 hand pulling perennial pepperweed in DG-4 and DG-4A.

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

Yellow warbler

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

**List of species observed while monitoring:**

COHA, BGGN, COYE, NRWS, WTSW, HOFI, YEWA, HUVI, BUSH, LEGO, SOSP, CALT, ACWO, ANHU, ALHU, CAQU, MODO, EUST, BARS, OCWA, RTHA, CASJ, WEBL, DEJU, Coastal whiptail, Common side blotched lizard.

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

**Log Entry**

0645: Performed a nesting bird survey in DG-4A.

0700: Cleared crews to work. They had been focusing on tarping and cleaning up the vegetation piles from the day before. Observed YEWA (already recorded in collector).

0715: Monitored vegetation clearing in DG-4A.

0800: Crew switched back to cleanup and tarping so foreman Daniel Holmes and I could meet with Mark Gim regarding the fence path.

1000: Monitored vegetation clearing again. Discovered a LEGO nest in DG-4A, crew was advised to avoid, and all relevant information was put into collector.

1130: Crew was moved to planted area of DG-4 Just south of the twin boulder field. Monitored vegetation clearing.

1430: Crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

**Signature**





photo\_1-before\_DG-4A\_vegetation\_clearing\_facingNorth.jpg  
-118.17552 34.19045



photo\_2-after\_DG-4A\_vegetation\_clearing\_facingNorth.jpg  
-118.17545 34.19039



photo\_3-before\_DG-4\_vegetation\_clearing\_facingSouth.jpg  
-118.17493 34.19026



photo\_4-after\_DG-4\_vegetation\_clearing\_facingSouth.jpg  
-118.17492 34.19028

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: June 23, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	60 °F	0-3 MPH	10 %
<b>End of Day</b>	14:30	85 °F	7-9 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 18 including foreman Daniel Holmes pulling weeds 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:**

BEWR, SPTO, RCPA, BLGR, ANHU, LEGO, HOFI, BHGR, BUSH, BARS, CAQU, NRWS, COYE, western fence lizard, ALHU, meadow vole, western toad, PSFL, side-blotched lizard, alligator lizard, WTSW, BGGN, CALT, coastal whiptail, big-eared woodrat, CASJ

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

**Log Entry**

0645 crew heads to south end of path near 'boulder' site to DG-4 planted area (34.190265°N 118.175113°W vicinity). Weeds are primarily pepperweed and poison hemlock. Male SPTO and COYE singing in central willow patch but so far no indication of females or nesting.

0715 removed BGGN-1 buffer (failed).

1140 after lunch I cleared CALT\_6, which may have fledged but upon close inspection a juvenile big-eared woodrat was observed sleeping in nest.

1300 phone call to Margie to catch up on monitoring and scheduling now that she has returned from vacation.

1330 discovered new SPTO\_3 nest at edge of willows near work crews. Set up buffer and showed location to Daniel and others, entered into Collector.

**Additional Comments**

N/A

**Signature**





**photo\_1\_hand-pulling\_DG-4\_facingSE.jpg**  
-118.17557 34.1905



**photo\_2\_hand-pulling\_DG-4\_facingS.jpg**  
-118.17571 34.19025



photo\_3\_hand-pulling\_DG-4\_facingN.jpg  
-118.17522 34.19005

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 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>	14:45	81 °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/poison hemlock and digging fence post holes in DG-4, DG-4A south of the twin boulder area, DG-W-2 mining pit outlet, DG-4 sheetflow, and the trail next to DG-5.

**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, ACWO, SPTO, BUSH, COYE, SOSP, WTSW, BHGR, HOWR, BEWR, HOFI, LEGO, YEWA, NRWS, WREN, BGGN, ANHU, AMCR, California ground squirrel, western fence lizard, western toad, coyote, coastal whiptail, side blotched lizard

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

**Log Entry**

0645: performed a nesting bird survey in DG-4.

0655: cleared crew to work, monitored vegetation clearing in the planted area south of the twin boulder area. DG-4. Several crew members were assigned to doing microline checks and cleanup from the day before. Observed yellow warbler in an area already mapped in collector, it was not close to the crew.

1000: crew moved to DG-4 sheetflow/DG-W-2 mining pit outlet to weed the area, which had become overgrown with poison hemlock. Monitored their activities.

1200: performed a nesting bird survey near where the crew was planning to dig holes for the fence after they got the final ok from dig alert, then spotted foreman Daniel Holmes as he drove the excavator to the desired location.

1251: took photos for the bi-weekly photo points on the west side.

1330: 4 crew members began digging holes and assisting near DG-5 at the southern end of the fence line (west side). They put only 2 fence posts in and poured concrete, this was due to time constraints and also as a test to ensure that the concrete set properly. Supervised for a moment, then continued monitoring weeding.

1439: crew wrapped up pulling and digging while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4\_facingNE.jpg**  
-118.1755 34.1901



**photo\_2-after\_weeding\_DG-4\_facingNE.jpg**  
-118.17547 34.19012



**photo\_3-before\_weeding\_DG-4\_sheetflow\_facingN.jpg**  
-118.17592 34.19144



**photo\_4-after\_weeding\_DG-4\_sheetflow\_facingN.jpg**  
-118.17589 34.1913

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 25, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57 °F	0-3 MPH	0 %
End of Day	13:55	82 °F	10-12 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 sheetflow, DG-W-2 mining pit outlet, and setting up fencing along the perimeter trail near DG-5.

**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, CASJ, OATI, BGGN, YEWA, SOSP, ALHU, ANHU, ACWO, COYE, HOWR, BEWR, SPTO, BHGR, CATH, HOFI, LEGO, NRWS, NOMO, MODO, WEBL, KILL

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

**Log Entry**

0645: performed a nesting bird survey in DG-W-2 mining pit outlet/ DG-4 sheetflow.

0655: cleared crew to work, monitored vegetation clearing. Heard a YEWA calling from the parking lot.

0715: swept the area the crew was heading into, the mining pit channel. Checked on 2 nests, BEWR\_1 and BUSH\_19. Both were inactive, and the buffers were removed.

0730: crew of 4 began placing fence posts near DG-5.

1000: assigned weeding crew to pick up leftover vegetation which had been missed in the mining pit. Took the bi-weekly photo points on the east side of the site.

1130: monitored digging with an excavator near DG-5 with the fencing crew.

1330: fencing crew wrapped up digging and began pouring concrete.

1350: weeding crew began wrapping up pulling while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4\_sheetflow\_facingS.jpg**  
-118.17587 34.19114



**photo\_2-after\_weeding\_DG-4\_sheetflow\_facingS.jpg**  
-118.17591 34.19129



photo\_3-excavator\_use\_DG-5\_facingN.jpg  
-118.17675 34.19111



photo\_4-fencing\_progress\_facingS.jpg  
-118.17665 34.19121

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 28, 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	91 °F	7-9 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling poison hemlock and cutting tree of heaven, crew of 4 installing fencing on the west perimeter trail near DG-5.

**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, BUSH, BEWR, CALT, NUWO, OATI, YEWA, SPTO, HOWR, SOSP, ACWO, ALHU, ANHU, RCPA, COYE, NRWS, HOFI, LEGO, MODO, PSFL, EUST, AMCR, desert cottontail, RTHA, western fence lizard, coastal whiptail, California ground squirrel

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

**Log Entry**

0645: performed a nesting bird survey in DG-4 sheetflow. YEWA observed in an area which is already put into collector.

0700: cleared crew to work in DG-4 sheetflow. Monitored vegetation clearing.

0745: swept the area where the fencing crew was planning to work, found no nesting activity.

0800: spotted foreman Daniel Holmes as he transported the excavator to the work area.

0810: 4 crew members began installing fence posts while the rest of the crew continued in DG-4 sheetflow.

1130: heard a distant yellow warbler south of the crew in an area previously weeded. Searched the area for nests, found none.

1349: weeding crew cut down some tree of heaven on east side of DG-4 sheetflow. Checked saplings for nests before clearing them.

1410: weeding crew began wrapping up while I inspected the site.

**Additional Comments**

N/A

Signature





**photo\_1-before\_weeding\_DG-4\_sheetflow\_facingN.jpg**  
-118.17595 34.19118



**photo\_2-after\_weeding\_DG-4\_sheetflow\_facingN.jpg**  
-118.17584 34.19119



photo\_3-fencing\_progress\_facingN.jpg  
-118.17664 34.19128

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: June 29, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	40 %
<b>End of Day</b>	14:10	82 °F	7-9 MPH	100 %

**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, crew of 4 installing fencing near 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:**

SOSP, CASJ, NRWS, ANHU, ALHU, HOFI, RCPA, desert cottontail, BHGR, LEGO, BCHU, COYE, BLPH, BGGN, MODO, NUWO, RTHA, ACWO, BEWR, California ground squirrel, western fence lizard, CAQU, CALT, SPTO, WTSW, BUSH, coastal whiptail

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

**Log Entry**

0645: performed a nesting bird survey in the mining pit (DG-W-2). Container plants were being choked out by perennial pepperweed and poison hemlock.

0700: cleared crew to work. Monitored vegetation clearing in the aforementioned area. Lots of hummingbird activity as the area began to get more sun.

0900: surveyed ahead of crew for nesting birds in the channel. Observed a CASJ with food, followed it to a possible nest in DG-4 (CASJ\_12). Nest was put into collector and crew was advised to avoid, not yet flagged due to low likelihood of crew passing through the area anytime soon.

1355: crew began wrapping up while I inspected the site. Crew member found a coastal whiptail at the bottom of a 3 foot deep fence post hole. I removed it and released it into the nearby brush.

**Additional Comments**

N/A

Signature





**photo\_1-before\_pulling\_DG-W-2\_facingS.jpg**  
-118.17448 34.19334



**photo\_2-after\_pulling\_DG-W-2\_facingS.jpg**  
-118.17443 34.19332



photo\_3-excavator\_use\_facingSE.jpg  
-118.17561 34.19197



photo\_4-fencing\_progress\_facingW.jpg  
-118.17515 34.19212

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: June 30, 2021**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	100 %
End of Day	14:15	87 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of about 16 hand-pulling on west side of project area with Daniel Holmes, supervisor. Of this group Daniel plus 3 others are working on fence until about 1230.

**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, LEGO, NUWO, RCPA, MODO, ANHU, ALHU, CALT, SPTO, YEWA singing in/around Mining Pit, BEWR, NRWS, CATH, HOOR, ACWO, AMCR, BUSH, OATI, BHGR, WREN, RWBU, coastal whiptail, western fence lizard, side-blotched lizard, ATFL, HOFI

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

**Log Entry**

0645 while crew is bundling piles from yesterday in DG-W-2 Mining Pit, I survey ahead of them and clear older BEWR-1 nest buffer for weeding. Primarily perennial pepperweed and poison hemlock, some mustard, castor bean, etc. Relatively quiet birdwise.

1000 most of crew is moving into planted DG-W-2-Mining Pit Outlet, weeding hemlock, pepperweed, mustards, pigweed, *Dysphania botrys*, *Amaranthus albus*, *Marrubium*, tree tobacco, castor bean, Mexican tea, *Chenopodium album*. Native recruits mostly limited to a few *Rorippa curvisiliqua*, California poppy, *Ambrosia acanthicarpa*, *Solanum*, *Xanthium*, *Datura*. And *Erigeron canadensis* (most of which are new sprouts in the watering rings). There's still 3-4 guys (temp crew) working far east end of Mining Pit and I reminded them to scour the edges on the way out for more hemlock and castor bean.

1315 main crew (regular Natures Image plus temp crew) done pulling, doing a safety meeting before cleaning up. Lake Forest crew pulling until 2pm.

**Additional Comments**

N/A

Signature





photo\_1-hand-pulling\_bundling\_DG-W\_2\_Mining\_Pit\_facingSW.jpg  
-118.17429 34.19303



photo\_2-hand-pulling\_DG-W\_2\_Mining\_Pit\_facingW.jpg  
-118.17378 34.19264



photo\_3\_hand\_pulling\_DG-W-2\_Mining\_Pit\_Outlet\_facingSW.jpg  
-118.17468 34.19219



photo\_4\_after\_hand\_pulling\_DG-W-2\_Mining\_Pit\_Outlet\_facingS.jpg  
-118.17463 34.19236