

# Fourth Quarter Compliance Report Activities Occurring Between October 2020 and December 2020

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## Devil's Gate Reservoir Restoration Project

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## 1.0 INTRODUCTION

### 1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the fourth quarter of 2020 (October through December). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the site 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 ninth report (Quarterly Compliance Report Number 9) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between October 1 and December 31, 2020.

## 2.0 COVERED ACTIVITIES

### 2.1 Biological Monitoring

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

All activities during the fourth quarter of 2020 occurred outside of the nesting bird season and outside of the vireo breeding and nesting season. Therefore, biological monitoring of construction activities during the fourth quarter of 2020 consisted of twice-weekly site checks by Designated Biologists approved by the USFWS for least Bell's vireo monitoring when Project activities were ongoing. Daily biological monitoring of restoration activities was ongoing during the fourth quarter. Table 1 shows Project working dates and the biological monitors that were present on each date.

<b>Date</b>	<b>Construction Monitors</b>	<b>Restoration Grading Monitors</b>	<b>Restoration Monitors</b>
10/01/20			Margie Pfeffer
10/02/20	Shannan Shaffer*		Deven Kammerichs-Berke
10/05/20	Lauren Simpson*		Michael Walsh
10/06/20			Deven Kammerichs-Berke
10/07/20	Shannan Shaffer*		Margie Pfeffer
10/08/20		Shannan Shaffer*	Margie Pfeffer
10/09/20		Shannan Shaffer*	Deven Kammerichs-Berke
10/12/20	Christine Tischer*	Shannan Shaffer*	Michael Walsh
10/13/20		Shannan Shaffer*	Michael Walsh
10/14/20		Josh Corona-Bennett	Margie Pfeffer
10/15/20		No Work	Margie Pfeffer
10/16/20	Shannah Shaffer*	Jen Kendrick*	Deven Kammerichs-Berke
10/19/20		Christine Tischer*	Michael Walsh
10/20/20	Christine Tischer*	Josh Corona-Bennett	Michael Walsh
10/21/20		Max Murray	Deven Kammerichs-Berke
10/22/20	Christine Tischer*	Max Murray	Deven Kammerichs-Berke
10/23/20		Max Murray	Amy Plesetz
10/26/20	Christine Tischer*	No Work-Red Flag	Michael Walsh
10/27/20		No Work-Red Flag	Michael Walsh
10/28/20		Carley Lancaster	Margie Pfeffer
10/29/20		Christine Tischer*	Margie Pfeffer
10/30/20	Jill Coumoutso*	No Work	Deven Kammerichs-Berke
11/02/20	Christine Tischer*	No Work	Michael Walsh
11/03/20		No Work	Michael Walsh
11/04/20		Lauren Simpson*	Scott Werner
11/05/20		Lauren Simpson*	Margie Pfeffer
11/06/20	Christine Tischer*	No Work	Scott Werner
11/09/20	Christine Tischer*	Carley Lancaster	Michael Walsh
11/10/20		Christine Tischer*	Michael Walsh
11/11/20	No Work – Holiday	No Work – Holiday	No Work – Holiday
11/12/20		Max Murray	Deven Kammerichs-Berke
11/13/20	Shannah Shaffer*	Max Murray	Deven Kammerichs-Berke
11/16/20	Lauren Simpson*	Christine Tischer*, Shannan Shaffer*	Michael Walsh
11/17/20		Lauren Simpson*, Shannan Shaffer*	Michael Walsh
11/18/20		Shannan Shaffer*	Margie Pfeffer
11/19/20		Lauren Simpson*	Margie Pfeffer
11/20/20 <sup>a</sup>	Shannan Shaffer*	Christine Tischer*	Amy Plesetz
11/23/20	Christine Tischer*	Lauren Simpson*	Michael Walsh
11/24/20		Lauren Simpson*	Michael Walsh
11/25/20 <sup>b</sup>		Carley Lancaster	Deven Kammerichs-Berke
11/26/20		No Work – Holiday	No Work – Holiday
11/27/20		No Work – Holiday	No Work – Holiday
11/30/20		Lauren Simpson*	Michael Walsh
12/01/20		No Work	Michael Walsh
12/02/20		Josh Corona-Bennett	Margie Pfeffer
12/03/20		No Work-Red Flag	Deven Kammerichs-Berke
12/04/20		No Work-Red Flag	Deven Kammerichs-Berke
12/07/20		No Work-Red Flag	Michael Walsh
12/08/20		No Work-Red Flag	Michael Walsh
12/09/20		Lauren Simpson*, Shannan Shaffer*	Margie Pfeffer

<b>Date</b>	<b>Construction Monitors</b>	<b>Restoration Grading Monitors</b>	<b>Restoration Monitors</b>
12/10/20		Josh Corona-Bennett, Shannan Shaffer*	Margie Pfeffer
12/11/20		Christine Tischer*, Adam Schroeder	No Work
12/14/20		Christine Tischer*	Margie Pfeffer, Michael Walsh
12/15/20		Lauren Simpson*, Josh Corona-Bennett	Margie Pfeffer, Michael Walsh
12/16/20		<b>Restoration Grading Activities Complete</b>	Margie Pfeffer, Deven Kammerichs-Berke, Amy Plesetz
12/17/20			Deven Kammerichs-Berke, Amy Plesetz
12/18/20			Deven Kammerichs-Berke & Amy Plesetz
12/21/20			Margie Pfeffer, Michael Walsh
12/22/20			Amy Plesetz, Michael Walsh
12/23/20			Amy Plesetz, Michael Walsh
12/24/20			Amy Plesetz, Michael Walsh
12/25/20			No Work – Holiday
12/28/20			No Work - Weather
12/29/20			Deven Kammerichs-Berke, Michael Walsh
12/30/20			Deven Kammerichs-Berke, Michael Walsh
12/31/20			Deven Kammerichs-Berke, Michael Walsh

\* = LBVI approved biologist  
 + = Last day of sediment removal activities.  
 β = Last day of Construction Activities on the Project site – Contractor Demobilized.

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

## 2.2 Project Activities

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

- Project activities (including sediment removal hauling activities) continued from October 1, 2020 through November 20, 2020.
- Project demobilization activities occurred from November 23 through November 25, 2020.
- Sediment removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.

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

## 2.3 Habitat Restoration Activities

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

- Restoration activities continued from October 1, 2020 through December 31, 2020.

- Low-growing non-native plants were removed from the DG-3A, DG-4, DG-4A, DG-4B, DG-4C, DG-4 Sheetflow, DG-W-2 (mining pit), DG-W-1, DG-SF-1, onsite restoration areas by hand pulling and using small hand tools, shovels, weed whips, hula hoes, and rakes. The non-native plant species removed included perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), shortpod mustard (*Hirschfeldia incana*), castor bean (*Ricinus communis*), black nightshade (*Solanum nigrum*), sticky snakeroot (*Ageratina adenophora*), star thistle (*Centaurea melitensis*), Italian thistle (*Carduus pycnocephalus*), poison hemlock (*Conium maculatum*), rippgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), tree of heaven (*Ailanthus altissima*), dock (*Rumex* sp.), tree tobacco (*Nicotiana glauca*), Russian thistle (*Salsola tragus*), pigweed (*Amaranthus albus*), Himalayan blackberry (*Rubus discolor*), horehound (*Marrubium vulgare*), eucalyptus sprouts (*Eucalyptus* sp.), passionflower (*Passiflora* sp.), common barley (*Hordeum vulgare*), and wild oat (*Avena fatua*). Regrowth of Eucalyptus tree stumps (*Eucalyptus* sp.) was cut back in DG-3A. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Irrigation systems were maintained at existing on-site restoration areas throughout the quarter.
- A skid-steer was used in DG-2 New Channels, DG-W-2 (outlet), DG-4 WOUS, for preliminary removal of vegetation along the centerline of the new channels in preparation for Phase 2 plantings.
- Site preparation for Phase 2 planting, including the installation of irrigation lines and marking of container plant layout locations, was conducted in DG-W-1, DG-2 New Channels, and Johnson Field.
- Monthly qualitative monitoring of Phase 1 onsite restoration areas was conducted.

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

### **2.3.1 Restoration Grading of Phase 2 Onsite Restoration Areas**

In addition to the onsite restoration activities described above, grading of Phase 2 restoration areas in preparation for Phase 2 plantings occurred during the fourth quarter of 2020. The restoration grading was conducted by the sediment removal contractor (Griffith Company) under the direct supervision of ECORP biologists. Restoration grading activities occurred between October 8 and December 15, 2020 and were conducted in the following onsite mitigation areas: Johnson Field (DG-W-1), DG-2 WOUS, DG-2 New Channels, Mining Pit (DG-W-2), DG-W-2 (Mining Pit Outlet), DG-4 WOUS.

The restoration grading activities included some vegetation clearing within the channels using front loaders and bulldozers, as well as using bulldozers to fine grade the channel contours. All restoration grading activities were monitored by a Designated Biologist to ensure that the avoidance of native plants was achieved to the maximum extent practicable. The restoration grading activities were conducted to the purpose of implanting the creation, reestablishment, and rehabilitation of Waters of the U.S. as a requirement of the Habitat Mitigation and Monitoring Plan (HMMP) and as described in the Habitat Restoration Plan (HRP) submitted to the CDFW as part of the mitigation package for the ITP.

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

### **3.0 SATISFACTION OF ITP CONDITIONS**

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from January 1, 2021 to March 31, 2021.

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

Per Condition 6.7 of the ITP, Table 2 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<b>BIOLOGICAL RESOURCES</b>							
<p><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.</p>	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist continued to be present during all initial vegetation-disturbing project-related activities during the 2020 fourth quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2020 fourth quarter reporting period. See Table 1 for details.
<p><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.</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	Due to the need for additional safety precautions during the COVID-19 pandemic, the initial 2020 worker education training was provided for project personnel to view electronically prior to the start of Project activities on May 20, 2020. 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 2020 fourth quarter reporting period.
<p><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</p>	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 – 5/19/20	Preconstruction surveys for sensitive species were conducted by qualified biologists on April 10, 13, and 14, 2020. Preconstruction least Bell's vireo surveys were completed during the

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					Initial	Date	Remarks
Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.							second quarter of 2020 and a preconstruction breeding season least Bell's vireo survey report was submitted to LACPW and included as an appendix to the second quarter compliance report for 2020. No preconstruction surveys took place during the fourth quarter of 2020.
<p><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.</p> <p>Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal.</p> <p>If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/2019 - 4/14/2019,  3/16/2020 - 5/19/2020	Preconstruction surveys for nesting birds were completed during the second quarter of 2020. Active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored Project construction and restoration activities daily during the nesting season in 2020. The fourth quarter 2020 reporting period is outside of the nesting bird season.
<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</li> </ul>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 - 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2020 fourth quarter reporting period.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>maternity season (September 30).</p> <ul style="list-style-type: none"> <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>							
<ul style="list-style-type: none"> <li><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:                             <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 community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species).</li> <li>Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:                                     <ul style="list-style-type: none"> <li>Site-specific container plant (if applicable) and seed palettes,</li> <li>Irrigation plan,</li> <li>Nonnative and invasive plant species removal,</li> <li>Maintenance and monitoring schedule,</li> <li>Qualitative and quantitative monitoring methodologies,</li> <li>Selection criteria of reference sites,</li> <li>Performance standards of the mitigation sites,</li> <li>Monitoring reports and annual reports schedule,</li> <li>Mitigation long-term management plan, and</li> <li>Funding description for implementation and long-term management.</li> </ul> </li> <li>Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been</li> </ul> </li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>Prepare Habitat Restoration Plan</li> <li>Identify/Map Mitigation Sites</li> <li>Install Plant Materials</li> <li>Monitor Installation</li> <li>Install Irrigation, if Necessary</li> <li>Prepare As-Built Report</li> <li>Conduct Maintenance</li> <li>Prepare Monitoring Reports</li> </ul>	<p>Reservoir Management</p> <ul style="list-style-type: none"> <li>Identify Reference Sites</li> <li>Conduct Qualitative and Quantitative Monitoring</li> <li>Conduct Maintenance</li> <li>Implement Adaptive Management Measures, if Necessary</li> <li>Prepare Monitoring Reports</li> <li>Prepare Annual Reports</li> <li>Achieve Mitigation Site Sign- Off</li> </ul>	Los Angeles County Flood Control District	Less than significant		11/19/2018 - ongoing	Restoration activities were continued during the 2020 fourth quarter reporting period.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>achieved.</p> <ul style="list-style-type: none"> <li>Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved.</li> <li>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:                             <ul style="list-style-type: none"> <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, 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>							
<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 to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> <li>Conduct Tree Survey</li> <li>Identify and Protect Oak Tree Root Zones</li> <li>Identify/Map Mitigation Sites</li> <li>Prepare Habitat Restoration Plan</li> <li>Install Plant Materials</li> <li>Monitor Installation</li> <li>Install Irrigation, if Necessary</li> <li>Prepare As-Built Report</li> <li>Conduct</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 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		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 2020 fourth quarter reporting period. Restoration activities were continued during the 2020 fourth quarter reporting period.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

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Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
	Maintenance <ul style="list-style-type: none"> <li>Prepare Monitoring Reports</li> </ul>						
<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.                             <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 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> </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</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		11/19/2018 - ongoing	Restoration activities were continued during the 2020 fourth quarter reporting period.

Table 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural 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 – Construction Monitoring Logs

Appendix B – Habitat Restoration Monitoring Logs

Appendix C – Habitat Restoration Grading Monitoring Logs

## **APPENDIX A**

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### Construction Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:47	67 °F	0-3 MPH	20 %
<b>End of Day</b>	09:07	77 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal 2 excavators, scraper, wheel loader, bulldozer, 2 water trucks, multiple haul trucks Griffith Company

**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, green parrot, CALT, HOFI, NUWO, CASJ, CORA, MODO, LEGO, ANHU, NRWS, SPTO, CAQU, BEWR, NOMO, BLPH, ALHU, ACWO, BUSH

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

**Log Entry**

0650 twice weekly site monitoring

**Additional Comments**

N/A

Signature





photo\_1-20201002\_sediment removal\_facing N.jpg  
-118.17371 34.18589

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: October 5, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:35	68 °F	0-3 MPH	50 %
<b>End of Day</b>	11:45	89 °F	0-3 MPH	50 %

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

Construction Monitoring

**Construction Activity:**

Griffith Company loading sediment into haul truck using excavators. Dozer, front loader, blade, and water trucks present

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

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

**List of species observed while monitoring:**

nomo, calt, casj, cath, caqu, wcsp, spto, lego, amcr, anhu, acwo, wren, bush, ropi, side-blotched lizard, cottontail

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

**Log Entry**

Conducted twice weekly LBV site inspection. No bio issues observed. ESA fence trash including signs still littered in reservoir. Most ESA signs have been removed by weather and need to be replaced, notified LACPW.

**Additional Comments**

smoky/hazy weather

**Signature**





**photo\_1-hauling operations.jpg**  
-118.17315 34.18805



**photo\_2-ESA sign torn off.jpg**  
-118.17181 34.19377



photo\_3-ESA sign detached from fence.jpg  
-118.17171 34.19358

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 7, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	10:30	64 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal with grader, 2 excavators, bulldozer, 2 water trucks, multiple haul trucks Griffith Company - Joe (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:**

CORA, BUSH, CASJ, CALT, BEWR, COHA, green parrot, coyote, MODO, ANHU, CAKI, ACWO, LEGO, ALHU, BLPH, western fence lizard, SPTO, CAQU, NRWS, HOFI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 twice weekly site monitoring

**Additional Comments**

N/A

Signature





photo\_1-20201007\_sediment removal\_facing W.jpg  
-118.17344 34.18908



photo\_2-20201007\_sediment removal\_facing NW.jpg  
-118.17274 34.1908

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 12, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	52 °F	0-3 MPH	0 %
End of Day	09:58	83 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, hauling, 70 trucks 400 loads/day. Griffith crew working in DG-W-1 basin on east side, using loader to stockpile boulders. NI restoration crew working on W side 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:**

CORA, OATI, parrots, SOSP, ACWO, HOFI, MODO, BTPI, NUWO, YRWA, CASJ, RCKI, WTSW, EUST, WCSP, cottontail (s), BLPH, KILL, COYE, LEGO, BEWR, CATH, coyote, ANHU, COHA, SPTO, side-blotched lizard, RTHA, California ground squirrel (v), EUST, gulf fritillary

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

**Log Entry**

0705 arrived onsite. Haul trucks bring loaded by excavators in 2 locations, along west interior side of basin and central location north of scales. Talked with Fahim (LACPW) at parking area.

0740 previously noted trash around stockpiled rocks had been cleaned up, but some loose trash still in area. ESA signs still in disarray and still noted on ground inside and outside orange snow fence.

0800 Griffith loader stockpiling boulders along north edge of already cleared DG-W-1 basin on east side. ESA fence down at 2 access points between basin and east restorations areas

0820 NW ESA fence has been repaired

0845 Spoke with NI to see if they had salvaged their equipment from the area north of WOUS-4.

0915 slide area by egress road rumble plates does not appear any larger

0935 end

**Additional Comments**

Coyote yipping at me from WOUS-4

**Signature**





**Facing\_S\_at\_downed\_fence.jpg**  
-118.17482 34.19039



**Looking\_W\_at\_slide\_area.jpg**  
-118.17724 34.18628

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	66 °F	0-3 MPH	0 %
<b>End of Day</b>	10:17	78 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

No construction activity.

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, green parrot, CASJ, ACWO, BUSH, LEGO, MODO, RTHA, WCSP, ANHU, California ground squirrel, desert cottontail, HOFI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Twice weekly LBVI monitoring visit

**Additional Comments**

N/A

Signature





photo\_1-20201016\_project area\_facing N.jpg  
-118.1737 34.18552

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	62 °F	0-3 MPH	100 %
<b>End of Day</b>	09:30	69 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal from center of site, excavator loading into haul trucks. Griffith continued clearing of DG-2 east of basin, delivery of water tank to Johnson 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:**

CALT, CORA, EUST, BLPH, YRWA, parrots, OATI, HOFI, WCSP, AMCR, SOSP, RTHA, CASJ, BUSH, MODO, CAQU, CAKI, coyote (v), CATH, ANHU, AMKE, WEBL, WEME, RCKI, ACWO, SPTO, KILL, AMPI, SAPH, desert cottontail, BGGN

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

**Log Entry**

0700 arrived on site, haul trucks entering off Oak Grove, excavator loading in central portion of basin.

0730 minor paper trash noted around stockpiled rocks, previously noted trash (minimal) still around parking area and no new trash in area, 2 access roads between basin and Johnson Field -open ESA fence.

0810 1 gap in eastern ESA fence, holes and sagging ESA fence along north fenceline, 3 sagging and/or gaps along western fenceline, previously noted ESA signs littering ground

0900 previously noted slope failure appears to be getting worse, more wet sediment pooling at bottom near restoration area, width of slide area seems wider, surface cracking noted east of current limits and seepage at bottom indicates more of the slope may also fail.

**Additional Comments**

Reported ongoing issues to Reza and Mary (County) who will meet Griffith at 10 to assess status of slope and determine if anything needs to be done to prevent further erosion.

**Signature**





**Looking\_E\_toward\_Johnson\_Field.jpg**  
-118.17178 34.19265



**Gap\_in\_ESA\_fence.jpg**  
-118.17142 34.19304



**Looking\_SW\_at\_western\_ESA\_fence.jpg**  
-118.17474 34.19036



**Looking\_S\_at\_runoff\_from\_egress\_road.jpg**  
-118.1772 34.18643

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:10	66 °F	0-3 MPH	100 %
End of Day	10:25	74 °F	0-3 MPH	80 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal from central portion of site and Johnson Field. Continued clearing of DG-4 WOUS west of basin and grading of 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:**

WCSP, LEGO, CALT, AMCR, COHA, BUSH, BGGN, CASJ, SAPH, BLPH, BEWR, HOFI, CAQU, RCKI, NUWO, RSHA, SPTO, parrots, AMRO, YRWA, AMKE, MODO, RTHA, KILL (15), CATH, WEBL, CAKI, ACWO, bobcat (t), EUST, woodrat, California ground squirrel

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

**Log Entry**

0710 arrived at disc golf parking lot.

0725 haul trucks being loaded with excavator in central portion of basin, 2nd excavator loading on west side of Johnson Field. DG-4 WOUS continued clearing northward from road due east of parking lot entry road (Max monitoring).

0830 more seepage noted at slide area below egress rumble plates. Photodocumentation from all sides. Vibrations causing dry soils behind k-rail to also crack.

0845 empty sandbag and "trail closure" sign noted outside fence and sliding into Flint Canyon Wash across from Flint Trail day closure under Oak Grove Blvd. 1 orange construction cone in bottom of Flint Wash - may or may not belong to project.

0945 same sagging ESA locations and gaps in fence plus fence is down at northernmost access road on east side. ESA signs previously noted still on ground in project and restoration areas adjacent to orange snow fence line. 1 "trail closure" sign noted in basin north of Johnson Field below air quality monitoring station

**Additional Comments**

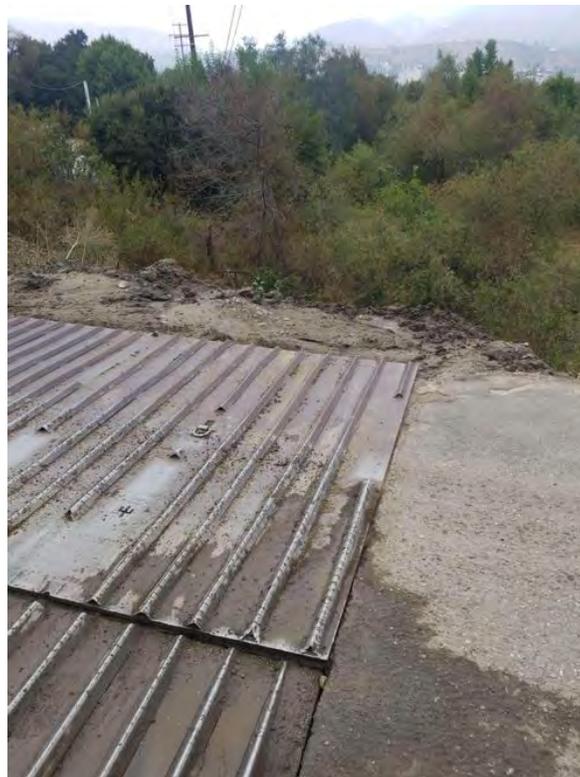
Spoke with Mary regarding slope and trail signs. She requested photos to include at their weekly meeting. Griffith and County will continue to keep an eye on slope and minimize water runoff in this area.

**Signature**





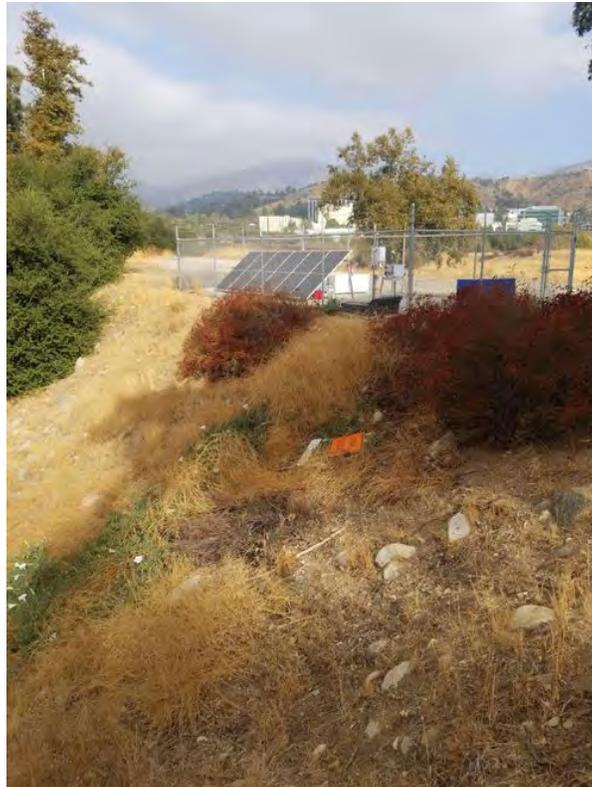
**Looking\_S\_from\_DG-4.jpg**  
-118.17721 34.18645



**Looking\_N\_at\_top\_of\_failed\_slope.jpg**  
-118.17736 34.18618



Looking\_E\_from\_Flint\_Canyon\_Trail\_Closure.jpg  
-118.17759 34.18574



Looking\_N\_from\_basin\_N\_of\_Johnson\_Field.jpg  
-118.17029 34.19249

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 26, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	56 °F	4-6 MPH	0 %
End of Day	09:50	63 °F	10-12 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

No work due to Red Flag Warning issued 12am 10/26 through 7pm 10/27.

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, COHA, SOSP, CORA, WCSP, YRWA, parrots, horse (t), coyote (v), WREN, CATH, SAPH, BGGN, EUST, MODO, BUSH, BEWR, HOFI, CAQU, NUWO, AMPI, OATI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0650 spoke with Mary at County trailer. Work cancelled for today due to red flag warning. She will add ECORP to notification list. Some trash in County yard next to dumpster which is closed and nearly full, but not overflowing. Mary will have it cleaned up first thing.

0705 Fausto and water truck driver waiting for me to make sure I knew work has been cancelled prior to them departing for day. Dozer tagged on both sides with graffiti.

0720 NI crew working in DG-4 east of equestrian stables.

0800 1 backhoe stockpiling gravel next to boulders before proceeding to tire wash area.

0810 same concerns as previously noted, gaps in ESA fence, ESA signs on ground, closure sign and sandbag and cone entering Flint Wash at Flint Trail closure, and slope erosion below egress road rumble plates.

0900 spoke with Aaron (Burns McDonell) who had concerns regarding lack of ESA fencing east of basin and gaps in fence at Johnson Field. Grading noted to edge of west road limits and southern grading limits, including minor amount of mule fat within the grading area for Johnson Field. No flagging or ESA fencing or stakes at limits.

0915 Santa Ana winds started. Dust kicking up in project area, but also north of project area.

0945 sign at Oak Grove entrance blew over, power outage at trailers and along Oak Grove Blvd. 2 water trucks wetting down basin in attempt to minimize dust. Branches along Oak Grove and Berkshire due to winds. Trash had been cleaned up at County trailers.

**Additional Comments**

Clear, but air quality quickly deteriorating throughout LA and OC due to Santa Ana winds. Consider work cancelled tomorrow due to Red Flag Warning unless we hear from County (by 9pm) otherwise.

Signature





**Facing\_N\_trash\_at\_trailers.jpg**  
-118.17341 34.18526



**Looking\_N\_during\_winds.jpg**  
-118.17372 34.18535



Tagged\_dozer.jpg  
-118.17309 34.19185



Looking\_SW\_at\_egress\_slope.jpg  
-118.17671 34.18648

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Date of Log: October 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:10	51 °F	0-3 MPH	0 %
End of Day	11:15	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

General site check- excavation taking place.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CORA CASJ HOFI CALT YRWA

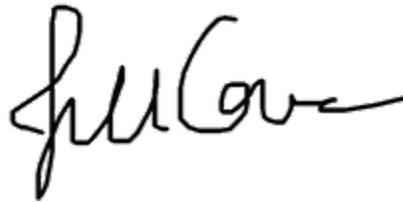
Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

General site check, excavation taking place

**Additional Comments**

Signature





**Excavation\_SW\_1.jpg**  
-118.17515 34.189



**Excavation\_NE.jpg**  
-118.17506 34.18927



**Excavation\_NW.jpg**  
-118.17503 34.18935



**Excavation\_SW\_2.jpg**  
-118.17505 34.18931

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	20 %
<b>End of Day</b>	09:55	77 °F	0-3 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

Continued sediment removal in central and western portion of basin; 2 excavators and approximately 30 haul trucks. No Griffith grading in Johnson Field or WOUS restoration areas noted.

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

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

**List of species observed while monitoring:**

NUWO, OATI, BLPH, AMCR, ACWO, RTHA, MODO, RCKI, WCSP, YRWA, BUSH, HOFI, CALT, NOFL, ANHU, BGGN, BEWR, WEBL, CATH, CAQU, CASJ, AMKE, COHA, California ground squirrel (v), side-blotched lizard, SPTO, SOSP

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

**Log Entry**

0630 NI meeting below disc golf parking lot.

0640 pedestrian with 2 off leash German shepards and a dog whistle noted walking northbound along trail to stables. Uncontrolled dogs rearing through the native riparian habitat and riling up the coyote pack.

0700 haul trucks on site. 2 excavators loading in central and western portions of site.

0740 no work east of basin including Johnson Field but stakes denoting gas line were noted.

0750 Altadena drainage outlet to basin is blocked by berm causing pooling east of haul road and pooling on haul road. Gaps in ESA fence and ESA signs noted on ground.

0820 Boulders noted in Flint Canyon Wash outlet.

0945 signs still falling toward wash at Flint Wash trail closure.

**Additional Comments**

Spoke with Mary at County trailers at 8am. No work at Altadena drainage will occur this year, and waiting to hear from Griffith if restoration grading will continue.

**Signature**





Looking\_west\_at\_ESA\_gap\_and\_sign.jpg  
-118.17169 34.19378



Looking\_NE\_at\_DG-2(WOUS)\_soil\_deposit\_zone.jpg  
-118.17286 34.18885



Looking\_E\_at\_Altadena\_drain\_outlet.jpg  
-118.17388 34.18694



Looking\_NW\_at\_sediment\_removal\_ESA\_fence.jpg  
-118.17625 34.18695

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 6, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	50 °F	0-3 MPH	55 %
End of Day	09:05	72 °F	0-3 MPH	20 %

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

Construction Monitoring

**Construction Activity:**

Continued sediment removal from basin. 3 excavators loading haul trucks in center portion of basin. 3 dozers and water truck pushing sediment from bluff to westernmost excavator. Occasional grading of haul road. No work outside basin

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

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

**List of species observed while monitoring:**

ACWO, parrots, AMCR, OATI, CEDW, YRWA, ANHU, HOFI, COHA, CALT, RCKI, SOSP, BUSH, MODO, BGGN, CASJ, BEWR, WCSP, WEKI, RTHA, BLPH, cottontail, CAQU, WEBL, COYE, EUST, sign of coyote, gopher, woodrat, domestic horse, domestic dog

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

**Log Entry**

0615 arrived, 2 Griffith POVs

0630 trail closure sign, cone, and empty sandbag still noted off trail falling toward Flint Canyon Wash between Oak Grove and I-210

0640 tracked vehicle treads and outline of dozer bucket noted west of rumble plates at upper edge of slide area.

Seepage and sediment continues to creep in to restoration area below

0700 haul trucks on site being loaded by 3 excavators in central portion of basin.

0715 haul trucks paused and waiting for grader to grade egress road below rumble plates. NI working in DG-4A west of basin.

0730 ESA fence has been repaired, but removed portions were left on ground in 2 locations (photos 3 and 4). Only 1 ESA sign noted on ground along western boundary, new gap in fence along northern boundary and evidence of dirt bike entry in to site. ESA fence open at access roads to restoration areas

0815 stockpiled vegetation and dumpsters have been removed from DG-2 (new channels) and northern portion of DG-2 (WOUS)

**Additional Comments**

Updated Mary at County trailer and will send her photos from today.

**Signature**





Looking\_E\_at\_tracks\_at\_top\_of\_egress\_slope.jpg  
-118.17736 34.18629



Looking\_NE\_at\_sediment\_removal\_operations.jpg  
-118.17612 34.18916



Looking\_E\_at\_repaired\_ESA\_fence\_trash.jpg  
-118.17493 34.19029



Looking\_N\_at\_N\_ESA\_fence\_trash.jpg  
-118.17121 34.19439

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:50	55 °F	0-3 MPH	0 %
End of Day	11:05	58 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sedimentation removal and grading of basin: 2 excavators loading haul trucks, 3 dozers, 1 grader, water truck, sweeper. 1 excavator and water truck clearing vegetation from lower 1/2 of DG-W-2 (outlet) with biological monitor (Carley) and Griffith monitor present.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

WCSP, CASJ, YRWA, ACWO, BGGN, BEWR, SOSP, HOFI, COYE, WEKI, BLPH, SAPH, RCKI, RTHA, CORA, KILL, ANHU, LEGO, side-blotched lizard, cottontail (s), domestic horse (t)

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0900 spoke with biological monitor at DG-W-2

0910 same gaps in ESA fencing from Friday plus 3 additional gaps along west fence boundary and 1 in NE corner. Removed snow fencing from repairs still in 2 locations on ground. 4 ESA sign noted littering ground along western boundary.

1000 more dirt over edge of egress road. Dozer parked SE of rumble plates. Laborer with push broom hand sweeping rumble plates. Water truck dust control kept to dirt haul roads, and sweeper remaining on asphalt and concrete ramps above rumble plates. Not too wet below slope despite rains over weekend.

1015 sign, sandbag, and cone still off trail at Flint Canyon Wash Trail closure

1045 no change at Johnson Field

1125 departed from site

**Additional Comments**

N/A

Signature





Looking\_S\_at\_west\_fenceline.jpg  
-118.17471 34.19037



Looking\_SW\_at\_west\_ESA\_fenceline.jpg  
-118.17611 34.18914



**Gaps\_in\_ESA\_fence.jpg**  
-118.17654 34.18846



**Looking\_W\_at\_top\_of\_slope\_by\_rumble\_plates.jpg**  
-118.1773 34.18623

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: November 13, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	46 °F	0-3 MPH	0 %
<b>End of Day</b>	09:31	50 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal with grader, two excavators, wheel loader, two water trucks, multiple haul trucks. Griffith Company: Joe (foreman)

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

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

**List of species observed while monitoring:**

ACWO, LEGO, CORA, BUSH, SOSP, CASJ, MODO, coyote, raccoon (tracks), desert cottontail, CAQU, CALT, HOFI, CAKI, RTHA

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

**Log Entry**

0700 biweekly site check

**Additional Comments**

Several sections of fencing damaged or missing.

Signature





photo\_1-20201113\_damaged fencing at NE corner\_facing N.jpg  
-118.17081 34.19413



photo\_2-20201113\_sediment removal\_facing S.jpg  
-118.1724 34.1922

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	08:35	72 °F	0-3 MPH	0 %
<b>End of Day</b>	11:00	82 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Griffith Company hauling. 2 excavators, 2 blades, 2 dozers south of Johnson field with restoration monitor, 1 dozer at Alta Dena drain removing vegetation with monitor

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

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

**List of species observed while monitoring:**

lego, caki, bewr, nofl, sosp, hofi, wcsp, desert cottontail, anhu, cora, casj, calt, wtsw, yrwa, side-blotched lizard, western fence lizard, acwo, stellars jay, blph, modo, oati

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

**Log Entry**

0835 arrived on site for twice weekly site check, checked in with monitor at Alta Dena drain and monitor at Johnson field, walked perimeter of site. several areas of fence down as previously noted, some by public, some areas to allow for transportation of equipment to restoration areas. esa fencing down as previously noted. final cleanup of fence should have biologist present to ensure all pieces are picked up. Sediment removal occurring as normal. No bio issues observed.

**Additional Comments**

N/A

**Signature**





**photo\_1-hauling operations.jpg**  
-118.17316 34.18804



**photo\_2-esa sign falling off fence.jpg**  
-118.17294 34.18862



photo\_3-hauling operations.jpg  
-118.17485 34.19025

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: November 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	08:15	58 °F	0-3 MPH	0 %
<b>End of Day</b>	10:42	65 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Sediment removal, grade build, and fence removal with wheel loader, 4 excavators, grader, bulldozer, multiple haul trucks. Griffith Company, Joe (foreman).

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

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

**List of species observed while monitoring:**

ACWO, CASJ, CALT, CAQU, CATH, BEWR, MODO, ROPI, CORA, PSFL, California ground squirrel, coyote, WCSP, BLPH, HOFI, LEGO, SOSP, side-blotched lizard, EUST

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

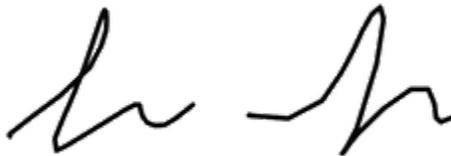
**Log Entry**

0815 Biweekly site check.

**Additional Comments**

Spoke with fence removal crew and asked them to be diligent about picking up discarded zip ties and small scraps of fencing.

**Signature**





photo\_1-20201120\_sediment removal\_facing S.jpg  
-118.17346 34.18906



photo\_2-20201120\_fence removal\_facing W.jpg  
-118.17137 34.19442

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	09:00	58 °F	0-3 MPH	0 %
<b>End of Day</b>	13:15	68 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Demobilization activities

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

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

**List of species observed while monitoring:**

CALT, LEGO, RCKI, parrot, CORA, coyote (t, den), SOSP, COYE, WCSP, domestic horse (s,t)

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

**Log Entry**

0910 met Qays (County) for walk through of ESA fence removed on Saturday.

0915 noted 10' section of fence that has not been removed. On SW corner of Altadena outlet by DG-3B, will need to be removed by hand. Pointed out to Joe and Keith.

0920-1210 Keith (Griffith) armed with gloves and 2 black trash bags assigned to walk around. Picked up minor amounts of zipties and snow fence fragments, approximately 12 ESA signs, and 2 bags worth of random loose trash, mostly non-construction related. Several rebar and non project scrap metal were set along road edges for Griffith to pick up later. Wood stakes with flagging was abundant but seen being gathered at end of inspection. 3 locations marked in Collector with photos where skip loader and shovels will be needed to dig out snow fencing and rebar buried along NW fenceline, 1 will need to avoid disturbing woodrat midden.

0945 crew is cleaning up parking area, water tanks still at parking area and Johnson Field. Will need to be inspected after Griffith moves out the larger items.

1130 large 30' section of snow fence unearthed in SW corner of basin and left for Griffith to pick up later.

1145 rumble plates still in place, slope photodocumented and noted to be larger than previous inspection 2 weeks prior. Sign and cone in Flint Wash does not have Griffith on them, so may not be theirs. Pointed out to Keith, but inaccessible due to fence and dangerous to try to retrieve.

1230 conveyed issues to Lauren (ECORP) and Mary (County). Told them that snow fencing by woodrat midden would require bio monitor and may be left in place if unlikely to be very much and likely to destroy midden which is outside construction limits.

1245 trash noted east of haul road across from Altadena drainage.

1250 went with Keith and crew to remove the rebar and snow fence in NW portion of basin. Successfully cleaned up those areas and preserved woodrat midden. Crew will head over to clean up loose trash noted alongside ingress road in SE portion of basin.

1315 departed from site.

**Additional Comments**

Weekly site check

Photos recorded by Qays (County) and C. Tischer.

**Signature**



Habitat Restoration Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 1, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	72 °F	0-3 MPH	40 %
<b>End of Day</b>	14:40	103 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (10) hand-pulling in north of 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:**

Desert cottontail, CATH, CASJ, CALT, BEWR

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

**Log Entry**

Crew clearing remaining patches of poison hemlock, pepperweed, and mustards in the same area of DG-4 worked in previous days this week. Removed several protective cages where the plant is dead or has grown too large for the cage. Two crew went to east side for 1.5 hours to check irrigation lines and fix a break. Griffith approached these two and requested NI remove eucalyptus resprouts along access road at DG-3A. Will address another day when monitor can be present.

1230 Daniel and MCP walked to east side to see where vegetation will be removed in DG-2 new channels.

Equipment arrived at 1300 and work will begin tomorrow 10/2.

1415 Three crew went to east side to move skid-steer to Johnson Field and drop removed cages at container.

1430 crew stopped pulling and cleaned up vegetation piles.

**Additional Comments**

N/A

**Signature**





**Before weeding\_facing N\_DG-4.jpg**  
-118.17221 34.19403



**Clearing mustard\_facing NE.jpg**  
-118.16613 34.2014



**After weeding\_DG-4.jpg**  
-118.17224 34.19404

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	71 °F	0-3 MPH	0 %
End of Day	14:40	101 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling, raking and hoeing understory nonnative weeds, one crew member operating a skid-steer in DG-2 new channels and then DG-4.

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

Yellow breasted chat, Yellow warbler

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

**List of species observed while monitoring:**

YBCH (late), YEWA, WIWA, AUWA, CAQU, RTHA, WCSP, SOSP, LISP, HUVI, RCKI, LEGO, SPTO, CALT, Coyote, 8 Pacific Rattlesnakes, 3 woodrats, 10+ Western Fence Lizards.

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

**Log Entry**

Crew raking/hoeing understory on hillside on northeast edge of DG-2. Skid-steer mowing center line of DG-2 new channels for survey access, from 0700-1015. Crew stopped vegetation work at 1205 when bio left to supervise skid-steer on west side (DG-4). Skid-steer plowing center line in DG-W-2 (outlet) from 1250-1340. All vegetation work in need of bio monitoring finished at 1340. 2 crew went to check mainlines at 1130. 1 YEWA observed at 0916. 1 YBCH observed at 0930, 25m southwest of YEWA location. 3 woodrats observed during skid-steer clearing; no den apparent, rats ran away unharmed. 8 juvenile rattlesnakes found in a wallow on the west side in DG-4, by crew checking irrigation, biologist DKB relocated all 8 of them away from irrigation lines to a nearby willow patch.

**Additional Comments**

N/A

**Signature**





Juvenile\_pacific\_rattlesnake\_one\_of\_eight\_moved\_DG-4.jpg



**Skitzer\_vegetation\_clearing\_before\_facingN.jpg**



**Skitzer\_vegetation\_clearing\_after\_facingN.jpg**



**Vegetation\_clearing\_crew\_during\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 5, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	15:00	93 °F	4-6 MPH	25 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 9 hand pulling poison hemlock and perennial pepperweed in western side of site, area DG-4A. Use of masticator to clear the above species in western side of site, areas DG-4, DG-4A.

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

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

**List of species observed while monitoring:**

CASJ, CALT, BUSH, SOSP, woodrat, southern alligator lizard

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

**Log Entry**

0630 monitored vegetation clearing.

1200 conducted pre work sweep for an area that was to be masticated.

1245 monitored use of a masticator.

1400 observed a woodrat in the work area, which attempted to escape by burrowing beneath a downed pile of poison hemlock directly in the path of the masticator. Use of the masticator was immediately ceased, and the woodrat moved out of its path.

1410 masticator was moved back to parking lot, a southern alligator lizard was observed in its path and removed.

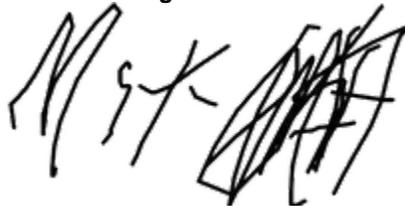
1420 monitored vegetation clearing.

1430 crew began removing downed vegetation while I took photos and worked on the daily log.

**Additional Comments**

N/A

**Signature**





**photo\_1-DG-4A\_using\_masticator\_facing\_NW\_during.jpg**



**photo\_2-DG-4A\_starting\_handpulling\_facing\_N.jpg**  
-118.17535 34.19171



photo\_3-Elgaria\_multicarinata\_being\_moved\_from\_work\_area.jpg  
-118.17597 34.19131



photo\_4-DG-4A\_after\_pulling\_facing\_N.jpg  
-118.1757 34.19156

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 6, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	100 %
End of Day	13:45	78 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling/raking/hoeing and skid-steering 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:**

ACWO, NUWO, BLPH, CAKI, SAPH, BUSH, AUWA, BEWR, LISP, WCSP, western fence lizard.

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

5 crew vegetation work in DG-4. 3 crew irrigation maintenance 0645-1300. 1 crew skid-steer from 0700-1045, 1130-1300. — Following flagged ECORP track. Path altered slightly (<2 m variation) to avoid two woodrat middens. One woodrat midden removed after bio inspected it for several minutes and confirmed it abandoned. 3 crew microlines at 1315. Crew stopped vegetation work at 1320.

**Additional Comments**

N/A

Signature





**Skidsteer track\_after\_DG-4\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 7, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	65 °F	0-3 MPH	0 %
End of Day	13:50	83 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (7) hand-pulling in DG-4, DG-4A, and DG-4 sheetflow, then moved to planted areas 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:**

CALT, CORA, CASJ, MODO, CATH, BEWR

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 Crew pulling dead poison hemlock and pepperweed from edges of area cleared with skid-steer in DG-4 sheetflow and surrounding DG-4 and DG-4A.

0800 Walked centerlines at DG-W-2 mining pit and DG-4 WOUS (cleared by NI yesterday).

0930 Crew moved to DG-4 to clear planted area where pepperweed has resprouted.

1130 Foreman and two crew went to east side to move equipment container.

1330 Crew on west side stopped pulling and cleaned up, then went to east side to help move remaining equipment.

**Additional Comments**

N/A

Signature





**Before clearing\_DG-4A\_facing W.jpg**  
-118.17592 34.19135



**Hand-weeding\_DG-4\_facing E.jpg**  
-118.17457 34.19183



Hand-weeding\_DG-4\_after\_facing E.jpg  
-118.17457 34.19186

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 8, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:15	76 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (10) hand-pulling in DG-4, DG-4B, and DG-4C and cutting eucalyptus in 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, BUSH, CORA, SOSP, HOFI, BEWR

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 Crew continues weeding in planted area of DG-4. Had a couple guys focus on removing dodder from container plants and cutting back stinging nettle where it will block access for future weeding.

0715 Didier and 1 other guy went to east side to finish moving equipment into container.

1000 I went to east side to monitor cutting back eucalyptus resprouts along main truck road in DG-3A. Finished at 1230 and returned to west side. Crew continued hand-pulling in DG-4B and DG-4C. Stopped pulling at 1400.

**Additional Comments**

N/A

Signature





**Castor bean before\_facing E.jpg**  
-118.17433 34.19144



**Removing dodder\_DG-4\_facing S.jpg**  
-118.17444 34.1914



**Eucalyptus resprouts\_before\_facing S.jpg**  
-118.17313 34.1873



**DG-3A after.jpg**  
-118.17314 34.18723

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	13:50	75 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling, raking, hoeing pepperweed in DG-4, near 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:**

CAQU MODO BEWR HOWR BGGN BUSH WEBL SAPH BLPH RTHA RSHA CASJ ORJU RCKI CATH CALT RCPA  
YCPA SPTO SOSP LISP WCSP ACWO NUWO NOFL AUWA COYE CEDW OATI WREN western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1346 monitored vegetation work in DG-4 near Twin Boulders area. Crew stopped vegetation work at 1346.  
Pretty uneventful day.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_before\_facingN.jpg**



**Vegetation\_removal\_activities.jpg**



Cleared\_vegetation.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 12, 2020**

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

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling perennial pepperweed in NW area of project site, DG-4, DG-4A.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CASJ, CATH, LEGO, BLPH, BEWR, ANHU, side-blotched lizard, CALT, ANHU

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 WEEP training with Robert Perez.

0700 monitored manual vegetation removal in western project area (DG-4) targeting perennial pepperweed, poison hemlock.

0900 a few crew members pulled out irrigation to make way for future grading in area DG-4/DG-4A.

1030 crew moved to second site in DG-4A after finishing weeding the aforementioned area.

1445 crew began cleaning up while I took photos of the site and worked on the daily log.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_starting\_hand\_pulling\_facing\_S.jpg



photo\_2-DG-4\_after\_hand\_pulling\_facing\_S.jpg



photo\_3-DG-4A\_starting\_hand\_pulling\_facing\_S.jpg



photo\_4-DG-4A\_after\_hand\_pulling\_facing\_S.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Mike Walsh**  
**Date of Log: October 13, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	0 %
End of Day	15:00	93 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling perennial pepperweed on NW Project area: DG-4, DG-4A.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CASJ, CATH, BUSH, WCSP, CALT, Bobcat, CAQU, ALHU, HOFI, BEWR, OCWA, ANHU, SPTO, COHA, COYE, BUSH

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630: monitored vegetation clearing in areas DG-4, DG-4A.

0930: found a dilapidated bird nest which still had eggs in it, moved crew 50 ft west, monitored nest from a distance.

1100: determined nest was abandoned, allowed crew to resume efforts near it.

1200: pre surveyed tomorrow's likely area for crew efforts.

1430: crew began cleaning up while I took photos and finished the report.

**Additional Comments**

N/A

Signature





**Photo\_1\_DG-4\_before\_handpulling\_facing\_W.jpg**



**Photo\_2\_DG-4\_after\_handpulling\_facing\_W.jpg**



**Photo\_3\_DG-4\_before\_handpulling\_facing\_S.jpg**



**Photo\_4- DG-4\_after\_handpulling\_facing\_S.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	67 °F	0-3 MPH	0 %
<b>End of Day</b>	14:30	95 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (10) hand-pulling in DG-4

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

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

**List of species observed while monitoring:**

CASJ, CALT, BTHU, COHA, BEWR, HOFI, CORA, BGGN, WCSP, SOSP, SPTO, OCWA, RSHA, COYE, desert cottontail, western harvest mouse

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

**Log Entry**

Crew continuing to hand-pull in DG-4 area planted with willow/mulefat stakes. Ground is wet throughout this planting area and the other across the trail. NI reduced irrigation cycle to 3 days per week from 7 now that stakes are doing better.

1000 Three crew members went to check irrigation. While in the north end, they found a harvest mouse with a nest inside an irrigation box. Instructed that they remove the lid and went over to check. After monitor removed the nest, the mouse ran into the nearest clump of buckwheat unharmed. Left lid open for 30 minutes to discourage return. Will check the box again tomorrow. Crew stopped pulling at 1415.

**Additional Comments**

N/A

**Signature**





**Before weeding\_DG-4\_facing S.jpg**  
-118.17544 34.19025



**After weeding.jpg**  
-118.1754 34.19033

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**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	65 °F	0-3 MPH	0 %
<b>End of Day</b>	15:35	96 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (9) hand-pulling in DG-4

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CASJ, BUSH, WCSP, RCKI, RTHA, CALT, BLPH

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Crew continuing to hand-pull in same planted area of DG-4 as yesterday, moving south. Weeds are primarily perennial pepperweed with some Solanum nigrum, Ageratine adenophora, and Eucalyptus. Crew stopped pulling at 1415.

**Additional Comments**

N/A

Signature





**Before weeding\_planted area of DG-4.jpg**  
-118.17535 34.19019



**Before\_same area.jpg**  
-118.17525 34.19016



**After clearing\_planted area of DG-4.jpg**  
-118.1753 34.19019



**After weeding.jpg**  
-118.17523 34.19014

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	4-6 MPH	0 %
End of Day	12:26	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling pepperweed.

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 MODO ANHU ALHU TUVU COHA RTHA RSHA ACWO NUWO NOFL AMKE RCPA BLPH SAPH CAKI WAVI  
CASJ AMCR CORA MOCH OATI BUSH WREN RCKI WBNU BGNB HOWR BEWR EUST CATH NOMO WEBL  
HOFI LEGO CHSP BRSP DEJU WCSP SOSP SAVS LISP CALT SPTO WEME OCWA AUWA COYE western toad,  
western fence lizard.

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1210: NI crew hand-pulling pepperweed in DG-4/DG-4A. Bio had to relocate a 1.5 inch western toad at 1007.  
Crew stopped vegetation work at 1210 to focus on microlines checks, maintenance, and plant watering. Bio left site at  
1225 after writing report.

**Additional Comments**

Heat advisory.

Signature





**Vegetation\_clearing\_after\_facingE.jpg**



**Vegetation\_clearing\_after\_facingSW.jpg**



Western Toad\_relocated at 1007.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 19, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:15	80 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Natures Image crew of 7 hand pulling perennial pepperweed, poison hemlock, and mustard in 2 parts of DG-4 on the western side of the site. Began near twin boulders, then moved to the far western border near the power lines.

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

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

**List of species observed while monitoring:**

BUSH, CALT, CAQU, LEGO, western toad, ACWO, BEWR, SAPH, BLPH, EUST, AMCR, CASJ, MODO, BEKI, WCSP, CATH, HOFI, OATI, SPTO, CORA, ANHU, coastal whiptail, COYE, western fence lizard, OCWA, AMKE

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

**Log Entry**

0630: monitored vegetation removal in DG-4.

0645: juvenile western toad found in work area, individual was removed from area.

0700: thick fog rolled in, minimal bird activity.

0930: fog lifted.

1000: moved crew to western border of DG-4 to work along the trail.

1345: crew began trapping vegetation while I inspected the site and took photos.

**Additional Comments**

Spent bullet casing found on property at (34.1917413, -118.1763462), one of the disc golf pads on the westernmost trail in the restoration area. What they were shooting at is not clear.

Signature





**Photo-1-DG-4\_starting\_handpulling\_facing\_E.jpg**  
-118.17535 34.19132



**Photo-2-DG-4\_after\_handpulling\_facing\_E.jpg**  
-118.17534 34.19134



**Photo-3-DG-4\_starting\_handpulling\_facing\_E.jpg**  
-118.17639 34.19161



**Photo-4-DG-4\_after\_handpulling\_facing\_E.jpg**  
-118.17637 34.19147

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:15	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling perennial pepperweed, mustard, and annual grasses in DG-4.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

BUSH, WCSP, CALT, BEWR, CASJ, COHA, LEGO, ACWO, MODO, AMCR, CATH, COYE, CHSP, SPTO, CAQU, HOFI, ANHU, RCKI, western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 monitored vegetation clearing in DG-4 on westernmost trail.

0900: pre work survey of the area just south of current work area to look for the owl, which was not located.

1000: monitored vegetation clearing.

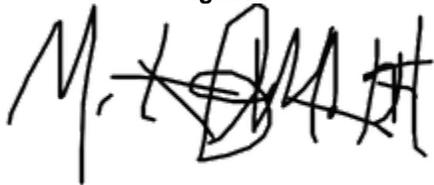
1130: crew began clearing vegetation along the border of DG-5 and DG-4.

1345: crew began picking up spare vegetation while I took photos and inspected the site

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_handpulling\_facing\_S.jpg  
-118.17628 34.19147



photo\_2-DG-4\_before\_handpulling\_facing\_S.jpg  
-118.17645 34.19143



photo\_3-DG-4\_after\_handpulling\_facing\_S.jpg  
-118.17627 34.19146



photo\_4-DG-4\_after\_handpulling\_facing\_S.jpg  
-118.17645 34.19143

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 21, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	59 °F	0-3 MPH	100 %
<b>End of Day</b>	13:04	71 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling and hoeing understory, pepperweed, and tree of heaven.

**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 MODO BTPI ANHU KILL TUVU COHA ACWO NUWO AMKE RCPA BLPH SAPH CASJ AMCR CORA OATI  
RCKI BUSH WBNU BGGN BEWR CATH AMRO AMPI HOFI LEGO CHSP ORJU WCSP SAVS SOSP CALT SPTO  
LISP OCWA AUWA TOWA COYE western fence lizard

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

**Log Entry**

5-person NI crew + bio in DG-4 on border of DG-5, hoeing understory. Primarily pepperweed, one Tree of Heaven removed at 0850. 3 crew members left to do plant watering at 1200. Crew stopped vegetation work and began micro line checks at 1300.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_before\_facingE.jpg**



**Tree\_of\_Heaven\_felled\_0854\_facingSE.jpg**



Vegetation\_clearing\_activities.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	60 °F	0-3 MPH	100 %
<b>End of Day</b>	12:56	75 °F	0-3 MPH	90 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hoeing understory and handpulling pepperweed and tree tobacco

**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 WCSP WEBL KILL MALL BEWR BUSH BGGN RCPA BLPH NUWO ACWO western fence lizard

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

**Log Entry**

0630-1245 NI crew hoeing/hand pulling weeds in northern section of DG-4. 2 crew went to east side irrigation 1256 rest of crew stopped vegetation work and did maintenance /microline checks for rest of day. Bio left site at 1256.

**Additional Comments**

N/A

**Signature**





**Vegetation\_clearing\_area\_during\_facingS.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: October 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:00	73 °F	4-6 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

The crew, 6 individuals from Natures Image worked on vegetation clearing with hand tools (rake, hoe) in DG-4 and DG-4A. Crew worked on checking the irrigation lines in the afternoon.

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

Loggerhead shrike

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

**List of species observed while monitoring:**

AMCR, WCSP, CORA, BLPH, RCPA, SPTO, BUSH, MODO, ACWO, LEGO, EUST, CASJ, (multiple coyotes singing), CALT, HOFI, WEGU, LOSH, SAPH, YRWA, CATH, NUWO, CHSP, BEWR, ANHU, California ground squirrel, desert cottontail, TUVU, NOFL, CAQU, RTHA, OATI, LEGO, COHA

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

**Log Entry**

0700 tailboard with crew. Crew worked in DG-4 with hand tool removing non-native vegetation. Non-native species removed include: mustards, brome grasses, Russian thistle. Around noon, the crew started working on DG-4A, hand removing the same species. They bagged pulled vegetation and trips were made to the dumpster. All travel by vehicle was at a very slow speed (<5mph) for safety of pedestrians and to avoid dust. At 1345, the entire crew switched to working on checking the irrigation. Biologist checked the site one last time and completed end of day report and left site at 1400.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_after\_facingS.jpg**  
-118.17293 34.19346



**Vegetation\_removal\_during\_facingNE.jpg**  
-118.17288 34.19347



**Vegetation\_clearing\_during\_facingE.jpg**  
-118.17274 34.19356



**Vegetation\_clearing\_after\_facingW.jpg**  
-118.17295 34.1938

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 26, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	57 °F	13-15 MPH	10 %
<b>End of Day</b>	14:15	66 °F	10-12 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling mustard, horehound, and perennial pepperweed in DG-4 on the northwestern part of the site.

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

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

**List of species observed while monitoring:**

CALT, CASJ, BUSH, AMCR, ACWO, BRBL, BEWR, WCSP, San Diego alligator lizard, MODO, HOFI, EUST, SAPH, CAQU, RSHA, CATH, BHCO, RTHA, COHA, deer mouse, side-blotched lizard, coastal whiptail, BLPH, BGGN

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

**Log Entry**

0630: monitored vegetation clearing in DG-4.

0745: San Diego alligator lizard found in work area, was safely relocated outside of work area.

0920: extremely high wind gusts caused a dust storm, crew temporarily stops work for 15 minutes

1010: pair of deer mice found in the work area. They did not relocate, so the crew shifted focus to a different patch.

1345: crew began bagging up pulled vegetation while I took photos and inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_handpulling\_facing\_E.jpg  
-118.17338 34.1939



photo\_2-DG-4\_before\_handpulling\_facing\_W.jpg  
-118.17342 34.19393



photo\_3-DG-4\_after\_handpulling\_facing\_E.jpg  
-118.17346 34.19391



photo\_4-DG-4\_after\_handpulling\_facing\_W.jpg  
-118.17345 34.19389

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: October 27, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	4-6 MPH	5 %
End of Day	13:30	75 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling mustard and horehound in DG-4 on the northwestern area of the site.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

MODO, HOFI, EUST, CASJ, CALT, ACWO, CAQU, BEWR, RTHA, BUSH, WCSP, YRWA, LEGO, SAPH, SOSP, BGGN, ANHU, AMKE, BLPH, SSHA, San Diego alligator lizard, side-blotched lizard, western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645: gave WEEP training to German Lira.

0730: monitored vegetation clearing in DG-4.

0800: removed San Diego alligator lizard from work area, continued monitoring.

1300: crew began wrapping up pulling while I inspected the site and took photos.

1330: I left earlier than usual due to poor AQI, Natures Image crew worked on other things that didn't require a monitor after I left.

**Additional Comments**

AQI was around 160 most of the day, all crew members wore KN95 masks.

Signature





**photo\_1-DG-4\_before\_handpulling\_facing\_N.jpg**  
-118.1724 34.19451



**photo\_2-DG-4\_after\_handpulling\_facing\_N.jpg**  
-118.17241 34.19448

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 28, 2020**

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

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) hand-pulling in north end of 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:**

HOFI, CORA, CASJ, BUSH, BEWR, CAQU, CALT, ACWO

Did You Observe any Non-Compliance Issues?  Yes  No

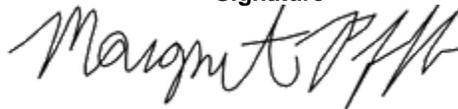
**Log Entry**

Crew continuing hand-pulling in north area of DG-4. Non-natives were primarily mustards and perennial pepperweed. Two crew went to grading area to observe sub-contractor as they drive over main water pipe and a third went to close the valves in that area. Some plants show damage from high winds earlier in the week. At least two cars drove through the parking area near the air quality monitoring station #3 throughout the day. The gate was left open all day for construction access to the mining pit and SCE tree-trimming.

**Additional Comments**

N/A

Signature





**Before weeding\_DG-4\_facing NW.jpg**  
-118.17204 34.19517



**After weeding\_wind damage.jpg**  
-118.17206 34.19512

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: October 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	51 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	85 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) hand-pulling in south area of 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:**

BLPH, LEGO, CALT, BEWR, ANHU, western toad, HOFI, CORA, RCKI, CASJ, COYE, fox squirrel, GBHE, COHA, BUSH

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

**Log Entry**

0630 Grading and tree-trimming work continues around the site, limiting where the crew can work. Started pulling in small planted area along west road.

0815 crew finished small area and moved to small planted area near YEWA-1.

0850 SCE tree trimming crew starting work along road. Crew walked through restoration areas to stay out of their way.

0905 Relocated a western toad from the work area, temperature still cool so slow moving. Observed a great blue heron in the top of a large oak above Berkshire Creek at 1130 and a Cooper's hawk flying under the canopy at 1300. Both seem confused by noise and disruption of SCE work. Crew stopped pulling at 1435.

**Additional Comments**

N/A

**Signature**





**Small planted area\_before\_facing E.jpg**  
-118.17737 34.18974



**Area cleared.jpg**  
-118.17734 34.1898



**Before weeding\_DG-4\_facing NE.jpg**  
-118.1767 34.18961



**After weeding\_DG-4\_facing NE.jpg**  
-118.1767 34.1896

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: October 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	58 °F	0-3 MPH	0 %
End of Day	13:27	85 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling/raking understory pepperweed

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 MODO ANHU TUVU COHA RTHA ACWO NUWO NOFL RCPA BLPH SAPH CAKI HUVI STJA AMCR OATI  
BUSH RCKI BEWR CATH NOMO WEBL HETH AMRO CEDW HOFI PUF1 LEGO ORJU WCSP SAVS SOSP LISP  
CALT SPTO WEME OCWA AUWA western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

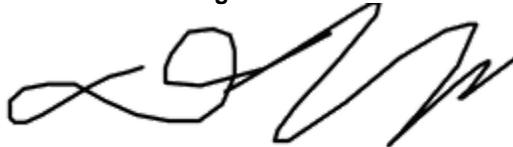
**Log Entry**

0640-1410 NI crew raking/handpulling/hoeing understory in DG-4 "Primrose". Crew stopped vegetation work at 1410.

**Additional Comments**

N/A

Signature





photo\_1-work in understory\_DG-4\_during.jpg



photo\_2-work in understory\_DG-4\_after.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 3, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	59 °F	0-3 MPH	3 %
<b>End of Day</b>	14:50	78 °F	4-6 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 hand pulling perennial pepperweed, mustard and annual grasses near the southern parking lot on the west side in the DG-4B 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, ACWO, CORA, BUSH, BEWR, AMCR, WCSP, MODO, BLPH, SPTO, HOFI, CASJ, BGGN, YRWA, SOSP, CATH, CAKI, GBHE, RCKI, NUWO, WEBL, OATI, OCWA, CHSP, SAPH, LEGO, WEME, RTHA, NOFL, COHA, AMKE, ANHU, GREG, desert cottontail, western fence lizard, coastal whiptail

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

**Log Entry**

0640: monitored vegetation clearing in the DG-4B area.

0950: light fog rolled in accompanied by ~70% cloud cover.

1420: crew began wrapping up hand pulling efforts to switch to micro line maintenance while I surveyed the site and took photographs.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4B\_before\_handpulling\_facing\_S.jpg**  
-118.17488 34.19245



**photo\_2-DG-4B\_before\_handpulling\_facing\_S.jpg**  
-118.17496 34.19242



photo\_3-DG-4B\_after\_handpulling\_facing\_S.jpg  
-118.17491 34.19242



photo\_4-DG-4B\_after\_handpulling\_facing\_S.jpg  
-118.17504 34.19239

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: November 4, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6, hand-pulling on west side near parking lot (DG-4B, DG-4), then on east side DG-3A, then west side DG-4A, DG-4.

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

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

**List of species observed while monitoring:**

RCPA, CASJ, BLPH, ACWO, WCSP, HUVI, CALT, BEWR, NUWO, SOSPO, COYE, California ground squirrel, RTHA, RBSA, western fence lizard, side-blotched lizard, SPTO, CAQU

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

**Log Entry**

0630 crew is pulling new pepperweed sprouts, etc., on east side of Hahamongna park parking lot, mainly within DG-4B, some DG-4 edges. Getting pepperweed sprouts, some mustards, horehound, large tree tobacco that was missed over summer.

0845 leave for east side.

0930 after mobilizing and walking a distance into Griffith work area, crews pull some weeds at DG-3A, but just a few mustards, pigweed, tree tobacco, pepperweed. A RTHA, likely juvenile, has been loafing on ground near graded area for 30+ minutes, but doesn't look stressed. Daniel was concerned and notified ECORP monitor Lauren, whom we had just passed nearby. The hawk eventually hopped around as we watched and appeared fine.

1030 we leave this site, head back to west side and take lunch.

1130 weeding in DG-4 and DG-4A south of LBVI buffer. Primarily small pepperweed resprouts.

1430 stopped pulling, then got photos, hike to car, completed log.

**Additional Comments**

N/A

Signature





photo\_1\_hand-pulling\_DG-4B\_DG-4.jpg  
-118.17276 34.18985



photo\_2\_hand-pulling\_DG-3A.jpg  
-118.17301 34.18709



photo\_3\_hand-pulling\_DG-4\_DG-4A.jpg  
-118.17691 34.18965



photo\_4\_after\_hand-pulling\_DG-4\_DG-4A.jpg  
-118.17689 34.18962

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: November 5, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	70 %
End of Day	13:45	90 °F	0-3 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) 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:**

CALT, BLPH, ANHU, RCKI, MODO, CORA, BEWR, SOSP, HETH, HOFI, LEGO, OATI, CASJ, ACWO, CATH, WCSP, CAQU

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Crew continuing to weed young perennial pepperweed and eucalyptus resprouts in willow forest. Small SCE crew was out in the morning flying a drone around tge power lines. Otherwise an uneventful day.

**Additional Comments**

N/A

Signature





**Continued weeding\_DG-4\_before.jpg**  
-118.17664 34.18947



**Cleaning up after weeding.jpg**  
-118.17679 34.18958



**After weeding\_DG-4.jpg**  
-118.17663 34.18952

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Scott Werner**  
**Date of Log: November 6, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	14:30	72 °F	7-9 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 6 including 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:**

HOFI, RCPA, CALT, COHA, SOSP, ACWO, WREN, CASJ, EUST, RCKI, ANHU, PSFL, ALHU, BUSH, HUVI, bobcat, GHOW, YRWA, WCSP, woodrat middens

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 working in clearing down road from parking lot at DG-4A and under willow/ash canopy DG-4A. Short pepperweed resprouts, a few poison hemlock, some mustard (likely Raphanus) sprouting. Some willow limbs have fallen since mid-summer.

0930 Daniel reported seeing a bobcat run in front of him on road, being chased by large dog. I attempted to track down the bobcat but no luck. After lunch staying in same area.

**Additional Comments**

N/A

Signature





photo\_1-before\_hand-pulling\_DG-4A\_facingNE.jpg  
-118.17736 34.18895



photo\_2\_after\_hand-pulling\_DG-4A\_facingNE.jpg  
-118.17748 34.18893



photo\_3\_after\_hand-pulling\_DG-4\_facingNW.jpg  
-118.17735 34.18913

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	39 °F	0-3 MPH	0 %
End of Day	14:40	61 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling perennial pepperweed and passionflower in the DG-4 area on the southwest side of the site.

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

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

**List of species observed while monitoring:**

Coyote, ACWO, AMCR, EUST, BUSH, HOFI, ANHU, CAQU, YRWA, TOWA, RCKI, BEWR, CASJ, BTYW, ALHU, BLPH, RTHA (holding Woodrat kill), RUHU, HETH

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

**Log Entry**

0635: performed a pre work survey.

0650: gave weep training to a new employee.

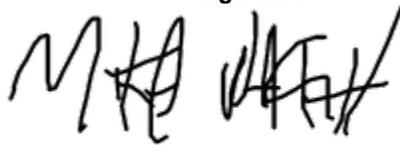
0740: monitored vegetation clearing on the southwest side of the site in DG-4, DG-4A.

1410: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_handpulling\_facing\_N.jpg  
-118.17726 34.18922



photo\_2-DG-4\_before\_handpulling\_facing\_SE.jpg  
-118.17716 34.18899



**photo\_3-DG-4\_after\_handpulling\_facing\_N.jpg**  
-118.17729 34.18916



**photo\_4-DG-4\_after\_handpulling\_facing\_SE.jpg**  
-118.17716 34.18896

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	0 %
End of Day	14:15	61 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling perennial pepperweed in DG-4A on southwest side of site.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

MODO, AMCR, ANHU, BLPH, EUST, LEGO, BEWR, HETH, YRWA, HOFI, RCKI, ACWO, OATI, CASJ, CALT, WEME, NUWO, bobcat, Botta's pocket gopher, WCSP, CATH, RUHU, coastal whiptail, California ground squirrel, BGGN, CORA, western toad, BUSH, side-blotched lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645: gave weep training to new employee.

0725: monitored vegetation clearing in DG-4 on southwest area of site.

1030: surveyed for birds slightly north of work area. Observed adult male bobcat, caught/ate a Botta's pocket gopher.

1230: found 2 juvenile western toads in the work area, both were removed and placed out of harm's way.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4A\_before\_hand-pulling\_facing\_S.jpg  
-118.17682 34.18879



photo\_2-DG-4A\_before\_hand-pulling\_facing\_N.jpg  
-118.1766 34.1889



photo\_1-DG-4A\_after\_hand-pulling\_facing\_S.jpg  
-118.17673 34.18872



photo\_4-DG-4A\_after\_hand-pulling\_facing\_N.jpg  
-118.17671 34.18879

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: November 12, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	13:57	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-pulling/raking/hoeing understory/short pepperweed (<6 inches tall.)

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 ROPI MODO ANHU COHA RTHA ACWO NOFL AMKE RCPA BLPH SAPH CAKI CASJ AMCR OATI BUSH  
RCKI WBNU BGGN HOWR BEWR CATH WEBL AMRO HOFI LEGO AMGO CHSP SOSP WCSP ORJU WEME  
CALT SPTO COYE AUWA western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

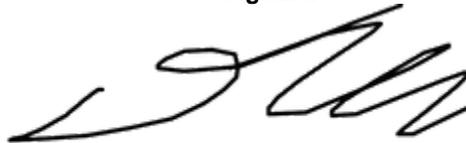
**Log Entry**

0630-1350 vegetation pulling in DG-4. Griffith bulldozing happening in channel area. Crew stopped vegetation removal work at 1350.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_before\_facingS.jpg**



**Vegetation\_clearing\_after.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: November 13, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	42 °F	0-3 MPH	0 %
<b>End of Day</b>	11:14	72 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

8-person Natures Image crew hand pulling pepperweed and raking in DG-4/DG-4A.

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

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

**List of species observed while monitoring:**

NUWO COYE AUWA WCSP CASJ ORJU CALT CATH COHA ROPI ACWO ALHU BEWR HOWR CAQU NOFL  
BLPH SAPH RCPA CAKI HUVI OATI RCKI BGN HOFI AMGO SOSP

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

**Log Entry**

0630-0730: 8 person NI crew hand-pulling pepperweed and raking understory in DG-4/DG-4A. Griffith channel grading occurring; 2 NI crew members sent to check irrigation pipes in that area at 0728. 2 more NI crew sent to do irrigation lines at 0919. Remaining crew stopped vegetation pulling at 1100.

**Additional Comments**

N/A

**Signature**





**Vegetation\_clearing\_before\_facingS.jpg**



**Vegetation\_clearing\_after.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: November 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	61 °F	4-6 MPH	0 %
<b>End of Day</b>	14:15	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand-pulling perennial pepperweed in area DG-4A on southwest side of site near the twin boulders.

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

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

**List of species observed while monitoring:**

NUWO, BEWR, CASJ, HOFI, CAQU, AMCR, CALT, ANHU, MODO, ACWO, side-blotched lizard, RCKI, CAKI, western fence lizard, BLPH, YRWA

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

**Log Entry**

0630: gave weep training to new employee, Johnathan.  
0715: monitored vegetation clearing in DG-4A near twin boulders.  
0800: crew dug out some pipeline which got covered in dirt by grading.  
0830: continued vegetation clearing in aforementioned area.  
1020: relocated juvenile western fence lizard from within work area.  
1045: relocated adult western fence lizard from within work area.  
1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4A\_before\_hand-pulling\_facing\_N.jpg  
-118.17572 34.19028



photo\_2-DG-4A\_before\_hand-pulling\_facing\_S.jpg  
-118.17571 34.19029



**photo\_3-DG-4A\_after\_hand-pulling\_facing\_N.jpg**  
-118.17571 34.1902



**photo\_4-DG-4A\_after\_hand-pulling\_facing\_S.jpg**  
-118.17573 34.19031

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	59 °F	4-6 MPH	20 %
<b>End of Day</b>	14:15	79 °F	4-6 MPH	1 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew hand-weeding perennial pepperweed and poison hemlock in DG-4A on the southwest side of the site.

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

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

**List of species observed while monitoring:**

ACWO, CASJ, MODO, CALT, AMCR, HOFI, CAFI, BLPH, LEGO, GBHE, BEWR, BUSH, ANHU, CAKI, COYE, WCSP, WEML, RUHU, CORA, RCKI, CATH, desert cottontail, coyote, western fence lizard, NOMO, California ground squirrel, SOSP, RTHA, SAPH, CHSP, SPTO, OATI, CAQU, HETH

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

**Log Entry**

0630: monitored vegetation clearing in DG-4A.

1240: surveyed areas adjacent to current work area.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





**photo\_1-DG-4A\_before\_hand-pulling\_facingN.jpg**  
-118.17585 34.1896



**photo\_2-DG-4A\_before\_hand-pulling\_facingS.jpg**  
-118.17586 34.18996



**photo\_3-DG-4A\_after\_hand-pulling\_facingN.jpg**  
-118.17584 34.18957



**photo\_4-DG-4A\_after\_hand-pulling\_facingS.jpg**  
-118.17591 34.18996

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: November 18, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	66 °F	0-3 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (9) hand-pulling new perennial pepperweed sprouts under willows in DG-4 and DG-4A.

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

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

**List of species observed while monitoring:**

CASJ, LEGO, CORA, HOFI, SOSP, BLPH, BEWR, CALT, COHA, CAQU, RTHA, WCSP, MODO, ACWO, CATH, ANHU, BUSH, RCKI, HETH, YRWA, WEKI

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

**Log Entry**

Crew continuing to hand-pull non-natives in DG-4 and edges of DG-4A. Weeds are primarily young perennial pepperweed.

0800-0820 walked with Daniel to observe progress of grading on west side.

0850 fog rolling in from south. Crew finished pulling near ESA fence and moved toward trail to continue. Stopped pulling at 1400.

**Additional Comments**

N/A

**Signature**





**Weeding new growth\_DG-4\_before.jpg**  
-118.17644 34.18966



**Starting another patch.jpg**  
-118.17691 34.18974



**After clearing.jpg**  
-118.17653 34.18964



**Progress in second area.jpg**  
-118.17669 34.18968

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: November 19, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	13:15	70 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (9) hand-pulling in DG-4 and DG-4A.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CALT, CORA, BEWR, SPTO, CASJ, LEGO, RCKI, HOFI, WCSP, COHA, BLPH, YRWA, MODO, CATH, BUSH, WEKI, ANHU

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 crew continuing to hand-pull weeds in same area of DG-4 and DG-4A as yesterday.  
0730 as crew completed small patches, several moved to open area near stand of evening primrose. Weeds pulled are mainly perennial pepperweed with occasional trees of heaven and poison hemlock.  
0830 walked south end looking for areas to weed, found possible irrigation leak and notified Daniel.  
0915 walked north to check out grading progress near mining pit and looking across to Johnson Field.  
1300 crew stopped pulling, planned to water plants where irrigation has been cut off for grading.

**Additional Comments**

N/A

Signature





Weeding DG-4\_before.jpg  
-118.18051 34.1843



After\_same as photo 1.jpg



**Primrose\_DG-4A\_before.jpg**  
-118.17901 34.19015



**Primrose after.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: November 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	15 %
End of Day	13:45	77 °F	4-6 MPH	15 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4 individuals) pulled weeds using hand tools in DG-4, while other crew worked on irrigation maintenance near the dumpsters. Weed pulling crew removed: non-native mustards (*Hirschfeldia incana*), non-native grasses, hemlock (*Conium maculatum*), perennial pepperweed (*Lepidium latifolium*), dock (*Rumex* sp), and non-native thistle. Many of the weeds being removed appear to have set seed already and appear to be dead. Daniel was the 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:**

SPTO, CALT, COYE, CASJ, RCKI, MODO, NUWO, ACWO, COHA, LEGO, WCSP, CORA, CATH, BEWR, HOFI, SOSP, BUSH, WREN, YRWA, DEJU, BLPH, OATI, TUVU, AMCR, CORA, ANHU, tree squirrel, desert cottontail, side-blotched lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 biologist arrived onsite. Crew briefly tailboarded to discuss plan for the day. Half the crew worked on irrigation maintenance around dumpster area. Half the crew worked in DG-4 using hand tools and pulling non-native vegetation. Weed pulling crew removed: non-native mustards (*Hirschfeldia incana*), non-native grasses, hemlock (*Conium maculatum*), dock (*Rumex* sp), perennial pepperweed (*Lepidium latifolium*), and non-native thistle. Many of the weeds being removed appear to have set seed already and appear to be dead.

0900 biologist reviewed which plants are native with a few of the crew members, and that they are not to be removed. Crew took lunch at noon. After lunch crew continued same tasks in same location until 1315, when entire crew moved to irrigation work. All weeds were bagged and brought to the dumpster. Trash/water bottles were collected and removed from site. Biologist worked on report and left site at 1345.

**Additional Comments**

N/A

Signature





**Before\_vegetation\_clearing\_facingN.jpg**



**During\_vegetation\_removal\_facingN.jpg**  
-118.17613 34.191



After\_vegetation\_clearing\_facingN.jpg  
-118.1761 34.191

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	10 %
End of Day	14:15	64 °F	0-3 MPH	80 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 7 in area DG-4 on southwest side of site hand pulling poison hemlock, Italian thistle and non-native annual grasses.

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

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

**List of species observed while monitoring:**

CALT, ACWO, AMCR, ANHU, YRWA, CASJ, NOFL, COHA, MODO, HOFI, CATH, CORA, LEGO, CAKI, NUWO, desert cottontail, WCSP, BEWR, LISP, RCKI, HUVI, western fence lizard, BUSH, OATI, San Diego alligator lizard, COYE, SPTO

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

**Log Entry**

0630: monitored vegetation clearing in area DG-4 progressing south.

0930: surveyed the areas adjacent to current work area.

1010: resumed monitoring vegetation clearing.

1305: relocated a San Diego alligator lizard which was in the work area to somewhere safe.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_hand-pulling\_facingN.jpg**  
-118.1761 34.19089



**photo\_2-DG-4\_before\_hand-pulling\_facingN.jpg**  
-118.17597 34.19082



photo\_3-DG-4\_after\_hand-pulling\_facingN.jpg  
-118.17611 34.1909



photo\_4-DG-4\_after\_hand-pulling\_facingN.jpg  
-118.17596 34.19081

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	52 °F	0-3 MPH	20 %
<b>End of Day</b>	14:15	67 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling mustard and poison hemlock in area DG-4, DG-4 sheetflow, and DG-SF-1 on the southwest side of the site.

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

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

**List of species observed while monitoring:**

COHA, CALT, HOFI, CASJ, ACWO, AMCR, WCSP, ANHU, COYE, NUWO, LISP, SPTO, NOFL, CATH, BEWR, RCKI, BGGN, LEGO, CAKI, SAPH, RTHA, CAQU

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

**Log Entry**

0630: monitored vegetation clearing in DG-4 progressing north into the sheetflow area.

0930: surveyed the area adjacent to the current work area.

1010: resumed monitoring in the aforementioned area.

1055: learned that police were investigating a murder near the west entrance of the park.

1345: crew began wrapping up pulling while I took photos and inspected the site.

**Additional Comments**

N/A

Signature





photo\_1-before\_pulling\_DG-4\_facingN.jpg  
-118.17607 34.19116



photo\_2-before\_pulling\_DG-4\_facingN.jpg  
-118.17625 34.19123



photo\_3-after\_pulling\_DG-4\_facingN.jpg  
-118.17612 34.19107



photo\_4-after\_pulling\_DG-4\_facingN.jpg  
-118.17622 34.19124

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: November 25, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	13:08	67 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew, raking/hoeing/handpulling in DG-4.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CAQU MODO ALHU RTHA ACWO NUWO NOFL BLPH SAPH CASJ AMCR OATI BUSH RCKI BGGN BEWR WEBL  
CHSP LASP WCSP ORJU SOSP CALT SPTO WEME COYE AUWA western fence lizard

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1300: NI crew, raking/hoeing/handpulling in DG-4. One western fence lizard relocated at 0936; lizard was sluggish from the cold. Water shut off; irrigation lines not checked.

1245 One NI crew member broke a branch off a native willow tree. Bio and NI foreman informed crew member that willows are native and shouldn't be pulled. Crew stopped vegetation work at 1300. Foreman went to check DG-3A pipes after crew stopped pulling.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_before\_facingN.jpg**



**Vegetation\_clearing\_after\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	0-3 MPH	20 %
<b>End of Day</b>	14:15	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling perennial pepperweed and poison hemlock in DG-4 on southwest side on site near the trash containers.

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

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

**List of species observed while monitoring:**

BUSH, AMCR, CASJ, CALT, HOFI, COHA, ACWO, MODO, COYE, CAQU, BEWR, RCKI, CORA, KILL, BLPH, BEKI, RTHA, SPTO, western fence lizard

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

**Log Entry**

0630: monitored vegetation clearing in DG-4 on southwest side of site.

0830: found a large honeybee hive which had been flagged in previous year, nobody was stung/crew was advised to avoid.

1145: surveyed basin in central part of the site.

1345: crew began wrapping up pulling and checking irrigation while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





**photo\_1-before\_hand-pulling\_DG-4\_facingN.jpg**  
-118.17576 34.19162



**photo\_2-before\_hand-pulling\_DG-4\_facingN.jpg**  
-118.17591 34.19175



photo\_3-after\_hand-pulling\_DG-4\_facingN.jpg  
-118.17571 34.19161



photo\_4-after\_hand-pulling\_DG-4\_facingN.jpg  
-118.1759 34.19179

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 1, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:15	75 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling poison hemlock in DG-4 Sheetflow just south of the trash containers on the west side.

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

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

**List of species observed while monitoring:**

ACWO, SPTO, LEGO, CATH, CASJ, HOFI, CAKI, CALT, WCSP, MODO, RTHA, NUWO, SOSP, BEWR, BGGN

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

**Log Entry**

0630: held safety meeting by containers reiterating mask policy and talking about covid-19 best practices with crew.

0655: monitored vegetation clearing in DG-4 Sheetflow.

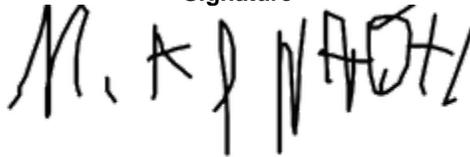
1035: found a large honeybee hive, advised crew to avoid and flagged area.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4-Sheetflow\_before\_pulling\_facingE.jpg**  
-118.17585 34.19127



**photo\_2-DG-4-Sheetflow\_before\_pulling\_facingE.jpg**  
-118.17583 34.19143



photo\_3-DG-4-Sheetflow\_after\_pulling\_facingE.jpg  
-118.17586 34.19124



photo\_4-DG-4-Sheetflow\_after\_pulling\_facingE.jpg  
-118.17585 34.19141

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	47 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	78 °F	4-6 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (6) removing invasives by-hand in DG-4 and 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:**

CORA, CASJ, COHA, BGGN, YRWA, BEWR, CALT, SOSP, ACWO, ANHU, SAPH, CATH, BUSH, BLPH, RTHA, WCSP, TUVU

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

**Log Entry**

0630 Foreman takes crew and monitor's temperatures before starting work.

0645 crew continues work in DG-4 sheetflow, near graded channel, cutting bare tree of heaven (*Ailanthus altissimus*) trunks. No herbicide for cut-stump allowed. Removed large roots when possible.

0930 crew began removing three small clumps of Himalayan blackberry on edge of DG-4 and DG-4A, near boulders. These were lower priority over the summer than other patches that spread in wetter areas.

1350 crew stopped pulling.

**Additional Comments**

N/A

**Signature**





**Tree of heaven\_DG-4 sheetflow\_before.jpg**  
-118.17564 34.19126



**Himalayan blackberry\_DG-4A\_before.jpg**  
-118.1752 34.191



**Tree of heaven removed.jpg**  
-118.17569 34.19124



**Blackberry removed.jpg**  
-118.17529 34.19099

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 3, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	4-6 MPH	0 %
End of Day	13:26	70 °F	16 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

10 person Natures Image crew raking/hoeing/hand pulling understory, 1 Stillwater bio

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 WEBL CAQU AUWA WCSP LISP CALT ACWO AMCR EUST NOFL LEGO RCPA RCKI CASJ HOWR MODO  
ANHU BUSH RTHA SOSP BGGN CAKI COHA

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1325: NI crew clearing vegetation in DG-4 north of channel clearing area.

**Additional Comments**

N/A

Signature





**Vegetation clearing\_before\_facingN.jpg**



**Vegetation clearing\_after\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 4, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	43 °F	0-3 MPH	0 %
<b>End of Day</b>	14:03	72 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

10 person Natures Image crew vegetation clearing with rakes and hoes, 1 Stillwater bio

**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 BLPH BGGN NOFL CALT ACWO CASJ CAQU WCSP AMCR BUSH AUWA RTHA

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

**Log Entry**

0630-1400 : NI crew pulling dry pepperweed in DG-4, same location as 3 Dec 2020. Crew stopped vegetation clearing at 14:00.

**Additional Comments**

N/A

**Signature**



**Vegetation clearing\_before\_facingN.jpg**



Vegetation clearing\_after\_ facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 7, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:15	70 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 9 hand pulling perennial pepperweed, poison hemlock, curly dock, and horehound 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:**

SPTO, WCSP, BLPH, ACWO, CALT, CASJ, MODO, CAQU, BEWR, RTHA, LEGO, COHA, ATSP, HOWR, ANHU, RCKI, HOFI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 monitored vegetation clearing in DG-W-2.

0800: BLPH began scolding crew (diving, frequent bill swipes, pretending to have a broken wing, alarm calls), so I moved the crew 30 feet north until the bird was no longer scolding us. No nest observed.

0930: surveyed the Johnson field area of the site.

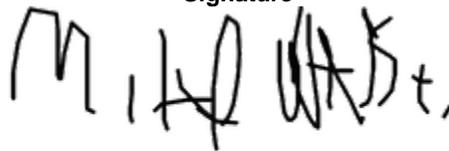
1000: resumed monitoring in DG-W-2.

1350: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-W-2\_before\_pulling\_facingN.jpg**  
-118.17451 34.19312



**photo\_2-DG-W-2\_before\_pulling\_facingW.jpg**  
-118.17405 34.19341



**photo\_3-DG-W-2\_after\_pulling\_facingN.jpg**  
-118.17416 34.19356



**photo\_4-DG-W-2\_after\_pulling\_facingW.jpg**  
-118.1741 34.19336

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 8, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	10-12 MPH	35 %
End of Day	14:15	79 °F	4-6 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 8 hand pulling curly dock, mustard, and poison hemlock in the DG-W-2/DG-4 areas of the site.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

BLPH, AMCR, COHA, BEWR, CALT, HOFI, SAPH, BUSH, ANHU, EUST, BRBL, CATH, CASJ, BGGN, WCSP, western fence lizard, RCKI, MODO, YRWA

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630: since today was a red flag day, I held a brief tailgate meeting with crew members to reiterate best practices for working on a red flag day. Also, Daniel and Didier left to attend training related to installation and maintenance of irrigation.

0640: monitored vegetation clearing in DG-W-2.

0922: small yellowjacket hive unearthed, one employee (Andrei Coello) was stung twice. Crew was moved away from hive. Andrei was examined multiple times throughout the day and showed no signs of an allergic reaction.

1130: Daniel and Didier returned from their training. Also around this time, a different employee (Johnathan) left because of eye irritation while he was on lunch. Earlier in the day, he had been provided eye drops by Tom but they proved to be ineffective.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_before\_pulling\_facingNW.jpg**  
-118.17418 34.19356



**photo\_2-DG-W-2\_before\_pulling\_facingNE.jpg**  
-118.17416 34.19356



**photo\_3-DG-4\_after\_pulling\_facingNW.jpg**  
-118.17414 34.19354



**photo\_4-DG-W-2\_after\_pulling\_facingNE.jpg**  
-118.17413 34.19355

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	54 °F	0-3 MPH	95 %
<b>End of Day</b>	13:30	75 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (7) hand-weeding in DG-W-2 (mining pit), DG-4C and DG-4

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

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

**List of species observed while monitoring:**

NUWO, CORA, MODO, BLPH, CASJ, BEWR, CALT, COHA, RTHA, WCSP, BGGN, BUSH, YRWA, RCKI, SAPH, HOFI, LEGO, ANHU

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

**Log Entry**

Crew is continuing to hand-weed in the mining pit near the grading soil dump area. The main weed species is curly dock.

0700 Monitor talked with ECORP monitor overseeing nearby grading work and discussed the day's plan to avoid conflicts.

0730 Notified by lead ECORP monitor of a city water line break on the east side. Advised on location of shut-off valve. Crew continued up slope to DG-4 and DG-4C. Weeds pulled were tree tobacco and mustard.

1200 walked to Johnson field to see grading progress and brainstorm irrigation layout.

1310 crew stopped pulling and switched to irrigation maintenance.

**Additional Comments**

N/A

**Signature**





**DG-W-2 facing NW.jpg**  
-118.17396 34.19362



**After weeding\_mining pit.jpg**  
-118.17389 34.19363

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:15	64 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (7) hand-weeding in DG-4 north end and near boulders

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, BGGN, CASJ, SAPH, BLPH, COHA, AMKE, LEGO, HOFI, WCSP, CAQU, ANHU, RTHA, BEWR, bobcat, CALT

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630 crew beginning in area of planted coastal sage scrub and willow/mulefat stakes in northern DG-4. Weeds are green but small. Evidence of herbivory on pepperweed florets, so to avoid herbivory on planted natives, decided to leave these and focus on poison hemlock, mustards, and bolted/flowering pepperweed. Finished area just before lunch.

1130 Crew moved to area planted with mulefat/willow stakes near boulders. Pulling small, green pepperweed. Less evidence of herbivory in this area. Crew stopped pulling at 1400.

**Additional Comments**

N/A

Signature





**DG-4\_facing E\_morning.jpg**  
-118.1726 34.19381



**DG-4\_young pepperweed\_facing S.jpg**  
-118.17516 34.1904



DG-4\_facing N\_pulling pepperweed.jpg  
-118.17511 34.19038

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	10 %
End of Day	14:15	64 °F	7-9 MPH	20 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image/labor finders crew of 3 hand pulling poison hemlock/cutting tree of heaven on the east side of the site near the Johnson field in DG-2. Today there were 2 crews, the other of which was under the supervision of Margie.

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

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

**List of species observed while monitoring:**

AMCR, HOFI, CASJ, WCSP, CATH, CALT, RUHU, CORA, BLPH, MODO, TUVU, BEWR, SAPH, RTHA, ACWO, SPTO, HOFI

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

**Log Entry**

0630: had a tailgate meeting delegating crew members/monitors to their proper area.

0700: monitored vegetation clearing in area DG-2.

0950: one crew member began removing tree of heaven with an axe.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-2\_before\_pulling\_facingS.jpg**  
-118.17201 34.19108



**photo\_2-DG-2\_before\_pulling\_facingS.jpg**  
-118.17187 34.19077



photo\_3-DG-2\_after\_pulling\_facingS.jpg  
-118.17197 34.19105



photo\_4-DG-2\_after\_pulling\_facingS\_(pre-pickup).jpg  
-118.1719 34.19084

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	10 %
<b>End of Day</b>	14:20	61 °F	7-9 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) beginning site preparation for Phase 2 planting in DG-W-1 Johnson 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:**

CORA, SOSP, BEWR, RTHA, CASJ, CALT

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

**Log Entry**

0630 Used Trimble unit to verify mitigation area's boundaries.

0740 crew rolling out 2" irrigation mainline along east road. Will connect to existing irrigation box at DG-2A.

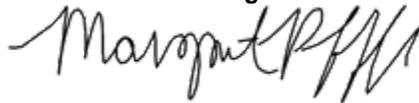
1130 equipment arrived to unspool and fuse pipe. Foremen spent time troubleshooting unspooling machine while crew continued laying pipe by hand.

1415 allowed crew to continue laying out irrigation pipe without monitor as area was bare ground and there would be no impacts to resources.

**Additional Comments**

N/A

**Signature**





**DG-W-1\_facing SE.jpg**  
-118.17188 34.1921



**Laying out irrigation mainline\_facing N.jpg**  
-118.17169 34.19005



Pipe straightening machine\_needs repair.jpg  
-118.1715 34.19226

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	14:35	66 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image/labor finders crew of 5 pulling exotic grass/mustard/perennial pepperweed seedlings in DG-4 just south of the twin boulders on the southwest side of the site.

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

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

**List of species observed while monitoring:**

SPTO, CALT, CATH, CASJ, NOFL, ACWO, COYE, western fence lizard, SAPH, LEGO, SOSP, BRSP, WCSP, BGGN, AMCR, side-blotched lizard, RCKI, RTHA, CORA, OCWA, CAKI

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

**Log Entry**

0630: monitored vegetation clearing in DG-4.

0930: found a camper van parked in the parking lot near trash cans. Later learned they had left.

1030: surveyed nearby areas for exotic plants and birds.

1405: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_pulling\_facingS.jpg  
-118.17499 34.1904



photo\_2-DG-4\_before\_pulling\_facingS.jpg  
-118.17511 34.19025



photo\_3-DG-4\_after\_pulling\_facingS.jpg  
-118.17495 34.19035



photo\_4-DG-4\_after\_pulling\_facingS.jpg  
-118.17509 34.19022

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	37 °F	0-3 MPH	0 %
End of Day	14:30	68 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out 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:**

CORA, CALT, SOSP, MODO, CATH, ACWO, COHA, RTHA, NOFL, SAPH, CAQU

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645 Foreman went to escort mechanic to site to repair rented macine.

0650 other foreman and crew using generator-powered drill to prime holes for tacking down irrigation mainline.

0730 Monitored while crew helped mechanic remove hydraulic arm on macine, no spills.

0900-1130 Griffith working in same area to decompact soil for planting and level out grading at drainage, monitored by ECORP. Monitor met with ECORP, Griffith, and County to discuss decompaction on stretch of road that will be decommissioned.

1345 Met with ECORP to discuss planting layout in Johnson Field.

**Additional Comments**

N/A

Signature





**Drill activities\_DG-W-1.jpg**  
-118.17113 34.192



**Tacking down irrigation pipe\_facing W.jpg**  
-118.17127 34.19202



**Irrigation progress\_facing S.jpg**  
-118.17154 34.19224

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:20	73 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

5-person Natures Image crew using typical understory clearing handtools

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

BGGN RCKI AMCR BEWR COYE WCSP WEME MODO CALT NUWO OATI BLPH SAPH BEWR RSHA ACWO  
SPTO ROPI COHA DOWO SOSP ANHU NOFL RTHA CAKI CASJ coyote (at 1031)

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1420: 5-person Natures Image crew raking/hand pulling weeds in DG-4 (rest of Natures Image crew on east side prepping for planting work.) Repairing of irrigation pipes happening in the afternoon. Crew stopped vegetation work at 1420.

**Additional Comments**

N/A

Signature





**Vegetation clearing\_before\_facing N.jpg**



**Vegetation clearing\_after\_facing N.jpg**



**Vegetation clearing\_after\_facing S.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	10:00	54 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out irrigation in DG-W-1, monitors marking out plants

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CORA, BEWR, AMKE, RTHA, CORA, MODO, CASJ

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

Lead monitor onsite 0630-1000 to monitor and helping to mark out planting locations with spray paint so that crew can strategically lay out irrigation hose. Amy Plesetz arrived at 0800 and was briefed on plan then took over monitoring and plant marking.

**Additional Comments**

N/A

**Signature**





**Fusing pipe\_facing W.jpg**  
-118.17167 34.19091

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	08:00	60 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	71 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) fusing irrigation main line at Johnson Field. Equipment includes hand tools, generator, and pit bull machine. Daniel (foreman Natures Image) and Margie (foreman Stillwater)

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

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

**List of species observed while monitoring:**

CASJ, coyote (2 adults), WCSP, CAQU, AMKE, RTHA, CALT, ACWO, NOFL, NUWO, YRWA, BEWR, MODO, CORA, CATH

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

**Log Entry**

Arrived at 0800 for orientation with Margie (Stillwater). Margie instructed new tasks at Johnson Field (DG-W-1). Crew was observed fusing polypropylene irrigation main lines. Biologist checked on crew periodically especially while a generator was being ran. Biologist marked out plant location with spray paint. Plants are to be established 6ft away from one another. Biologist completed report, checked to make sure the crew did not leave trash behind, and left site at 1400.

**Additional Comments**

N/A

Signature





**But\_fusion\_irrigation\_during\_facingE.jpg**  
-118.17176 34.19095



**But\_fusion\_irrigation\_during\_facingNW.jpg**  
-118.17162 34.19087

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	55 °F	0-3 MPH	100 %
<b>End of Day</b>	10:26	60 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

5-person Natures Image crew + 1 Stillwater bio doing irrigation checks & repairs

**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 MODO ANHU RSHA ACWO NUWO BLPH SAPH CASJ AMCR CORA OATI BUSH RCKI WBNU BGGN  
BEWR CATH NOMO WEBL CEDW HOFI SOSP WCSP CALT SPTO CHSP DEJU (3 subspecies groups! Oregon,  
Slate-colored, Gray-headed) BRBL AUWA Peromyscus sp. (Deer mouse)

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

**Log Entry**

5-person Natures Image crew doing exclusively irrigation line checks and repairs in DG-4/DG-4A. Stillwater bio DKB stayed with crew during checks of the spigot boxes to watch for wildlife (0630-1020). One spigot box has a deer mouse den built inside the spigot covering; the den isn't in any immediate danger of disturbance and they weren't relocated. Photos taken. Bio left site at 1025.

**Additional Comments**

N/A

**Signature**





Peromyscus den\_DG-4 spigot box.jpg



Peromyscus1\_DG-4 spigot box.jpg



Peromyscus2\_DG-4 spigot box.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	80 %
End of Day	13:30	65 °F	4-6 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing irrigation lines in Johnson field. Equipment includes hand tools and irrigation lines. Daniel (foreman Natures Image).

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

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

**List of species observed while monitoring:**

CATH, CORA, WCSP, ACWO, SPTO, RCPA, RSHA, RTHA, CASJ, CALT, OATI, BEWR, NUWO, MODO, BUSH, BGGN, AMKE, COHA, CAQU, YRWA, WREN, LEGO, HOFI, DEJU, California ground squirrel

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

**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1330. Biologist left before the crew did so trash removal was not checked.

**Additional Comments**

N/A

Signature





**Irrigation\_establishment\_during\_facingW.jpg**  
-118.17139 34.19117



**Irrigation\_establishment\_during\_facingSW.jpg**  
-118.17113 34.19125

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 18, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	13:22	67 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

6-person Natures Image crew + 1 Stillwater bio using understory clearing hand tools 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:**

RTHA NUWO ACWO MODO WEME CASJ BEWR CEDW COYE OATI CALT WCSP BLPH AMCR LEGO HOFI  
ANHU SPTO BGGN BUSH MERL AUWA COHA CAKI

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

6-person crew hand pulling weeds in DG-4 "Boulder".  
0630-1000 2 crew members checking/repairing irrigation lines. Several pedestrians seen in the dam sediment removal area (let Griffith know? Shouldn't this area be closed off?) Crew stopped vegetation work at 1320.

**Additional Comments**

N/A

**Signature**





**Vegetation clearing\_before\_facing W.jpg**



**Vegetation clearing\_after\_facing E.jpg**



**Vegetation clearing\_after\_facing SE.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 18, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:30	72 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing irrigation lines in Johnson field. Equipment includes hand tools and irrigation lines. Daniel (foreman Natures Image).

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

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

**List of species observed while monitoring:**

CORA, WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, OATI, BEWR, NUWO, MODO, BUSH, BGGN, AMKE, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel , NOFL

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

**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1430. Trash appeared to be removed.

**Additional Comments**

N/A

Signature





Irrigation\_installation\_during\_facingS.jpg  
-118.17111 34.19142



Irrigation\_installation\_after\_facingNE.jpg  
-118.17148 34.19178

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 21, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	55 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	81 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling perennial pepperweed on the southwest side of the site near the twin boulders in area DG-4.

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

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

**List of species observed while monitoring:**

CALT, COHA, BEWR, MODO, CASJ, BLPH, BGGN, COHU, NUWO, CAQU, LEGO, RTHA, NOFL, CATH, ACWO, COYE, SOSP, SAGS, ATSP, OCWA, ANHU, SPTO, WCSP, WEME, YRWA, DEJU, SAPH, RCKI, CORA, AMCR, BUSH, California ground squirrel, western fence lizard, side-blotched lizard.

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

**Log Entry**

0630: tailgate meeting, gave WEEP training to a new crew member, Diego.

0700: monitored vegetation clearing in area DG-4.

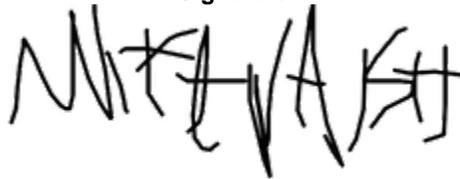
1000: scouted for new work areas and surveyed them for protected species.

1345: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4\_before\_pulling\_facingN.jpg  
-118.17532 34.19015



photo\_2-DG-4\_before\_pulling\_facingN.jpg  
-118.17531 34.19016



photo\_3-DG-4\_after\_pulling\_facingN.jpg  
-118.17533 34.19019



photo\_4-DG-4\_after\_pulling\_facingN.jpg  
-118.17516 34.19015

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Margie Pfeffer**  
**Date of Log: December 21, 2020**

	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>	14:45	81 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew (4) laying out irrigation in DG-W-1, DG-2 new channels, and DG-2 WOUS.

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

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

**List of species observed while monitoring:**

SOSP, BEWR, CORA, CALT, WCSP, MODO, CASJ, SPTO, NOFL, COYE, RTHA, desert cottontail, AMKE, CAQU, CATH

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

**Log Entry**

0630 Foreman (Daniel) went to west side to get other crew started. This crew continuing work from last week, laying out hoses according to painted plant markers.

0845-1015 monitor marked out more plants with spray paint while the crew laid out more hose.

1015 crew ran out of hose and switched to fusing mainline pipe to end of existing irrigation along east road.

1040 helped crew place mainline pipe going south along the west edge of DG-2 new channels. Observed crew fusing and laying out pipe down DG-2 new channels and DG-2 WOUS until 1440 when they began cleaning up.

**Additional Comments**

N/A

**Signature**





**Irrigation install\_DG-W-1\_facing SE.jpg**  
-118.17151 34.19218



**Fusing irrigation mainline\_DG-2 new channels\_facing S.jpg**  
-118.17207 34.19066



Pipe straightening machine\_DG-W-1.jpg  
-118.17186 34.19102

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	46 °F	0-3 MPH	0 %
<b>End of Day</b>	14:45	70 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling perennial pepperweed and mustard in area DG-4 on the southwest side of the site.

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

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

**List of species observed while monitoring:**

CALT, ACWO, OATI, AMCR, CASJ, BEWR, COYE, BUSH, WCSP, EUST, CAQU, SOSPO, CORA, NOFL, HOFI, BLPH, RTHA, NUWO, RCKI, SPTO, WEBL, LISP, SAPH, BGGN, YRWA, COHA, coyote, western fence lizard, California ground squirrel, western toad.

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

**Log Entry**

0630: tailgate meeting, gave WEEP training to a new crew member, Hector.

0710: monitored vegetation clearing in DG-4.

0815: someone was seen riding a dirt bike in the construction zone, attempted to approach them but they rode off.

1300: scouted for a new work area to cover once the current one is finished tomorrow.

1400: found a western toad, relocated it from the work area to a place we had already covered the day before.

1415: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_before\_pulling\_pepperweed\_facingN.jpg  
-118.17533 34.19024



photo\_2-DG-4\_after\_pulling\_pepperweed\_facingN.jpg  
-118.17531 34.19029



photo\_3-crew\_member\_removing\_pepperweed\_facingW.jpg  
-118.17526 34.19031



photo\_4-western\_toad\_relocation.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 22, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:15	70 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) performing fusion of irrigation lines in Johnson Field and clearing vegetation (non-natives). Equipment includes a single gas-powered weed wacker, rakes, hand tools, generator, and irrigation lines. Daniel (foreman Natures Image).

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

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

**List of species observed while monitoring:**

CORA, CATH, owl tracks (GHOW or BANO), WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, MODO, BUSH, BGGN, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel, ANHU, ALHU, COYE, desert cottontail, LEGO, BUSH, BLPH, AMKE

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

**Log Entry**

Biologist arrived onsite at 0630. The crew was fusing irrigation lines using a generator at Johnson Field (DG-W-1) and also clearing vegetation (non-native mustards [*Hirschfeldia incana*], star thistle [*Centaurea melitensis*]) with a weed wacker around the "bowl" edges of the Johnson Field. Removed vegetation was placed on tarps and transported to dumpster. During the mechanical equipment operation, biologist confirmed that a fire extinguisher remained available and nearby. Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1415. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_during\_facingNE.jpg**  
-118.17202 34.19143



**Vegetation\_clearing\_during\_facingW.jpg**  
-118.17199 34.19151



Fusing\_irrigation\_pipes\_during\_facingW.jpg  
-118.17218 34.19014



Vegetation\_clearing\_after\_facingN.jpg  
-118.17206 34.19127

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	45 °F	0-3 MPH	15 %
<b>End of Day</b>	14:30	67 °F	0-3 MPH	95 %

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

Restoration Monitoring

**Construction Activity:**

Natures image crew of 3 hand pulling perennial pepperweed and poison hemlock in DG-4 on the southwest side of the site near the twin boulders.

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

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

**List of species observed while monitoring:**

AMCR, CALT, HOFI, LEGO, ACWO, BLPH, BEWR, SOSP, SPTO, CORA, RTHA, CASJ, COYE, COHA, KILL, BGGN, OCWA, SAPH, western toad, western fence lizard.

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

**Log Entry**

0630: monitored vegetation clearing in area DG-4.

0710: relocated western toad from the work area to a place we had already covered.

1345: relocated western fence lizard from the work area to a place we had already covered.

1355: relocated western toad from the work area to a place we had already covered.

1400: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4\_pulling\_before\_facingN.jpg  
-118.17526 34.19027



photo\_2-DG-4\_pulling\_before\_facingN.jpg  
-118.17529 34.19035



**photo\_3-DG-4\_pulling\_after\_facingN.jpg**  
-118.17528 34.19027



**photo\_4-DG-4\_pulling\_after\_facingN\_pre\_pickup.jpg**  
-118.17526 34.19034

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	0-3 MPH	0 %
<b>End of Day</b>	13:15	70 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) performing fusion of irrigation lines in Johnson Field and clearing vegetation (non-natives). Equipment includes a single gas-powered weed wacker, rakes, hand tools, generator, and irrigation lines. Daniel (foreman Natures Image).

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

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

**List of species observed while monitoring:**

CORA, CATH, WCSP, ACWO, SPTO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, BGGN, CAQU, YRWA, WREN, HOFI, DEJU, California ground squirrel, ANHU, COYE, NOFL, desert cottontail, LEGO, BUSH, BLPH, AMKE, OATI, bobcat (t), KILL, RCKI

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

**Log Entry**

Biologist arrived onsite at 0630. The crew was fusing irrigation lines using a generator at Johnson Field (DG-W-1) and along low-flow drainage heading south. One crew member resumed clearing vegetation (non-native mustards [Hirschfeldia incana], star thistle [Centaurea melitensis]) with a weed whacker around the "bowl" edges of the Johnson Field. Removed vegetation was placed on tarps and transported to dumpster. During weed whacking, biologist noted that a fire extinguisher was not available and due to a "Red Flag Warning" placed in effect, mechanical weed whacking ceased at 0800. Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. After more irrigation lines were delivered, the crew resumed installation at 1230. Biologist completed report and left site at 1315. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

N/A

**Signature**





**Vegetation\_clearing\_before\_facingE.jpg**  
-118.17096 34.19155



**Fusing\_irrigation\_during\_facingNW.jpg**  
-118.1725 34.18846

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: December 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	48 °F	4-6 MPH	100 %
<b>End of Day</b>	12:45	57 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 3 hand pulling poison hemlock, curly dock, mustard and perennial pepperweed in the far southwest corner of the site in area DG-4.

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

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

**List of species observed while monitoring:**

BUSH, AMCR, YRWA, COHA, SOSP, CALT, SPTO, CASJ, BLPH, MODO, HETH, OATI, WCSP, BEWR, RCKI, CORA, ACWO, COYE, NOFL

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

**Log Entry**

0630: tailgate meeting reiterating best practices for working on a red flag day.

0645: monitored vegetation clearing in area DG-4.

1020: surveyed nearby areas.

1135: slight rain started falling.

1215: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-DG-4\_pulling\_hemlock\_before\_facingNE.jpg**  
-118.17723 34.18639



**photo\_2-DG-4\_pulling\_before\_facingNW.jpg**  
-118.17689 34.18649



photo\_3-DG-4\_pulling\_hemlock\_after\_facingNE.jpg  
-118.17722 34.1864



photo\_4-DG-4\_pulling\_after\_facingNW.jpg  
-118.17689 34.18645

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amy Plesetz**  
**Date of Log: December 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	50 °F	0-3 MPH	90 %
<b>End of Day</b>	12:30	65 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image restoration crew (4) establishing of irrigation lines in Johnson Field. Equipment includes rakes, hand tools, and irrigation lines. Daniel (foreman Natures Image).

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

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

**List of species observed while monitoring:**

CORA, CATH, WCSP, ACWO, RCPA, RTHA, CASJ, CALT, BEWR, NUWO, BGGN, CAQU, YRWA, HOFI, DEJU, BUSH, California ground squirrel, ANHU, COYE, NOFL, desert cottontail, LEGO, BUSH, BLPH, AMKE, OATI, KILL, RCKI, GTGR, SOSF, WEME, Botta's pocket gopher, MODO, BLPH

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

**Log Entry**

Biologist arrived onsite at 0630. The crew was establishing irrigation lines at Johnson Field (DG-W-1). Biologist checked on the crew periodically while simultaneously marking out plant location with spray paint. Native plants are to be established 6ft away from one another while avoiding the low-flow drainage. Biologist completed report and left site at 1230. Biologist left before the crew, but asked if the trash could be removed.

**Additional Comments**

Vegetation clearing along slope of "bowl" of Johnson field was not completed due to "Red Flag Warning".

**Signature**





**photo\_1-Johnson Field.jpg**  
-118.17145 34.19224

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	4-6 MPH	5 %
End of Day	14:25	59 °F	10-12 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 laying irrigation and fusing pipe 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, COHA, NUWO, CAKI, CALT, WCSP, AMCR, CASJ, CAQU, NOFL, SOSP, CATH, LEGO, HOFI, EUCD, AMKE, MODO, RTHA, CORA, MALL, KILL, SPTO, CEDW, BLPH, desert cottontail

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630: tailgate meeting about the plan for the day

0645: crew began laying new irrigation in DG-W-1, monitored these activities.

0920: monitored crew fusing pipe near the aforementioned work area.

1355: crew began checking irrigation and bagging vegetation while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





**photo\_1-laying\_irrigation\_before\_facingS.jpg**  
-118.17191 34.19141



**photo\_2-laying\_irrigation\_after\_facingS.jpg**  
-118.17203 34.19145



photo\_3-crew\_fusing\_pipes\_facingS.jpg  
-118.17164 34.19215

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	50 %
End of Day	14:00	59 °F	10-12 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

4-person Natures Image weeding crew and 1 Stillwater biologist at start, 1 crewmember left at 0830 (call Daniel Holmes for more details about that.) Hand-pulling/raking understory weeds in southern end of 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 AMCR COHA NUWO ACWO CEDW BLPH AUWA BTPI CASJ MALL HOFI BGN ANHU CALT RCKI LEGO WREN RSHA NOFL OATI BUSH SOSP CORA RTHA

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

**Log Entry**

0630-1400: 4-person (later 3-person) weeding crew hand-pulling/raking understory weeds in the southern end of DG-4, near the dam. Quite a bit of standing water in the lowest part of the dam basin, from yesterday's rains. Crew stopped vegetation work at 1400.

**Additional Comments**

N/A

Signature





**Vegetation clearing\_before\_facingS.jpg**



**Devil's Gate Reservoir\_water\_DG-4 south.jpg**



**Vegetation clearing\_after\_facingS.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: December 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	7-9 MPH	5 %
End of Day	14:30	64 °F	4-6 MPH	15 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 fusing pipes (in area DG-W-1/DG-2B), and weed whacking/hand pulling mustard, star thistle, and exotic grasses in area 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, HOFI, CATH, CALT, AMCR, WCSP, NOFL, ACWO, MODO, LEGO, SPTO, BUSH, ANHU, NUWO, BEWR, SAPH, BLPH, YRWA, RTHA, CAQU

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

**Log Entry**

0645: monitored pipe fusing in area DG-W-1.

0930: continued pipe fusing efforts in DG-2B.

0940: monitored vegetation clearing in area DG-W-1.

1400: crew began wrapping up while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-W-1\_crew\_fusing\_pipe\_facingE.jpg  
-118.1709 34.19165



photo\_2-DG-W-1\_vegetation\_clearing\_before\_facingE.jpg  
-118.17118 34.19176



photo\_3-DG-W-1\_vegetation\_clearing\_after\_facingE.jpg  
-118.17095 34.19181

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	0 %
End of Day	13:05	75 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

5-person Natures Image weeding crew and 1 Stillwater biologist hand pulling weeds in southern end of 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:**

RTHA RSHA NOFL NUWO BEWR BGGN AUWA CALT SPTO KILL RNDU MALL AMPI AMCR CORA BLPH HUVI  
RCKI OATI CASJ HETH ACWO WCSP COYE SOSP WTSW HOFI ANHU CANG KILL

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0630-1300 weeding crew working in southern end of DG-4, same area as 12/29/20. Water in reservoir — today there were small numbers of waterfowl and killdeer at the water. Crew stopped vegetation work at 1300.

**Additional Comments**

Biologist was having issues with phone camera so no before/after photos were taken.

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael walsh**  
**Date of Log: December 31, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	41 °F	4-6 MPH	0 %
End of Day	14:30	63 °F	10-12 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 4 hand pulling/weed whacking mustard and exotic grasses 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:**

HOFI, ACWO, CAKI, AMCR, WCSP, CALT, NUWO, CASJ, NOFL, CATH, CAQU, BEWR, EUCD, BLPH, YRWA, CORA, RTHA, TUVU, MALL, RNDU, AMWI, KILL, SOSP, COHA, ANHU

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645: monitored vegetation clearing in DG-W-1 on the east side of the Johnson field.  
0900: crew began wrapping up pulling.  
0915: crew spent some time picking up trash on the east side.  
1030: crew continued hand pulling the Johnson field.  
1400: crew began wrapping up pulling while I inspected the site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-W-1\_vegetation\_clearing\_before\_facingN.jpg  
-118.17121 34.1911



photo\_2-DG-W-1\_vegetation\_clearing\_after\_facingN.jpg  
-118.17124 34.19107

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Deven Kammerichs-Berke**  
**Date of Log: December 31, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	0-3 MPH	0 %
End of Day	08:45	56 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

5 person Natures Image weeding crew and 1 Stillwater biologist raking/hand pulling weeds on the east side of Devil's Gate Reservoir (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:**

AMWI AMCR KILL RNDU MALL SPTO ANHU CATH CALT WCSP HOFI BEWR

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645-0845: Weeding crew working in southern end of DG-3A.

0825: Natures Image foreman got word that one weeding crew member tested positive for COVID-19. After consulting with Stillwater and Natures Image higher-ups, work was halted for the day.

0845: Stillwater biologist left site

**Additional Comments**

No photos taken.

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Michael Walsh**  
**Date of Log: November 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	64 °F	0-3 MPH	20 %
<b>End of Day</b>	14:30	81 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Natures Image crew of 5 hand pulling perennial pepperweed in the western area of the site, on DG-4A.

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

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

**List of species observed while monitoring:**

SPTO, CALT, YRWA, ANHU, BEWR, WCSP, CORA, CASJ, HOFI, LEGO, ACWO, RCKI, AMCR, COHA, BUSH, BLPH, ALHU, BCHU, MODO, NUWO, BGGN, western fence lizard, SOSPO, CATH, CAQU, COYE, DEJU, WEBL, WEME, SAPH, RSHA, DOWO, CAKI.

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

**Log Entry**

0645: monitored vegetation clearing in DG-4A.

1230: pre-swept area for likely future work efforts.

1400: crew began wrapping up work while I inspected site and took photos.

**Additional Comments**

N/A

Signature





photo\_1-DG-4A\_before\_handpulling\_facing\_W.jpg  
-118.17677 34.18962



photo\_2-DG-4A\_before\_handpulling\_facing\_S.jpg  
-118.17675 34.18963



**photo\_3-DG-4A\_after\_handpulling\_facing\_S.jpg**  
-118.17678 34.18962



**photo\_4-DG-4A\_after\_handpulling\_facing\_W.jpg**  
-118.17692 34.18972

Habitat Restoration Grading Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 8, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	64 °F	0-3 MPH	100 %
<b>End of Day</b>	15:48	79 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Vegetation clearing with track loader and water truck. Griffith Company: Fausto (operator)

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, AMRO, SOSP, CALT, LEGO, COHA, MODO, CAKI, RTHA, desert cottontail, alligator lizard, western toad, peromyscus sp., CORA, BUSH, ACWO, common garter snake

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700 monitored vegetation clearing at Johnson Field. Relocated 1 western toad, 3 peromyscus sp., 1 alligator lizard, and 1 common garter snake. 3 desert cottontails were also flushed from the site.

**Additional Comments**

N/A

**Signature**





photo\_1-20201008\_preconstruction\_facingN.jpg  
-118.17159 34.19079



photo\_2-20201008\_vegetation removal\_facing E.jpg  
-118.17211 34.19178



photo\_3-20201008\_after vegetation clearing\_facing NW.jpg  
-118.17151 34.19082

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	63 °F	0-3 MPH	100 %
<b>End of Day</b>	15:25	88 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Vegetation clearing with track loader and water truck. JW Land Clearing: Fausto (operator), Griffith Company: Joe (foreman), Tony (surveyor) LADPW: Pete (inspector)

**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, coyote, NOMO, BUSH, peromyscus so., CAKI, CALT, SOSP, ACWO, LEGO, WCSP, alligator lizard, western fence lizard, green parrot, RTHA

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

**Log Entry**

0700 monitored vegetation clearing. Relocated 1 alligator lizard and 2 peromyscus sp.

**Additional Comments**

N/A

**Signature**





photo\_1-20201009\_vegetation clearing\_facing N.jpg  
-118.17112 34.19157



photo\_2-20201009\_vegetaion clearing after\_facing N.jpg  
-118.17146 34.19077

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 12, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	0 %
End of Day	13:14	96 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing with track loader and water truck. JW Land Clearing: Fausto (operator). Griffith Company: Joe (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, CAQU, CASJ, CALT, WCSP, MODO, SOSP, LEGO, ACWO

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

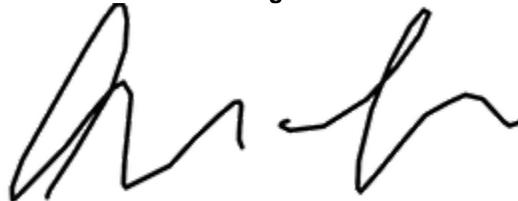
**Log Entry**

0700 monitored vegetation clearing. Flushed several quail from area.

**Additional Comments**

N/A

Signature





photo\_1-20201012\_after vegetation removal\_facing S.jpg  
-118.17203 34.19068



photo\_2-20201012\_partially cleared area\_facing SE.jpg  
-118.17195 34.1906

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: October 13, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	58 °F	0-3 MPH	0 %
End of Day	16:17	98 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing with track loader, wheel loader, water truck. JW Land Clearing: Fausto (operator). Griffith Company: Joe (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:**

CAQU, BUSH, WCSP, LEGO, CASJ, AMCR, green parrot, COHA, desert cotyontail, California ground squirrel, woodrat, RTHA, BLPH, CAKI, ACWO

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

**Log Entry**

0700 monitored vegetation removal. Flushed one woodrat from work area.

**Additional Comments**

N/A

Signature





photo\_1-20201013\_vegetation removal\_ facing SW.jpg  
-118.17191 34.19076



photo\_2-20201013\_vegetation clearing\_ facing S.jpg  
-118.17206 34.1907

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: October 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	71 °F	0-3 MPH	15 %
<b>End of Day</b>	14:30	86 °F	0-3 MPH	35 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company grading habitat mitigation 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:**

HOFI CASJ CALT

Did You Observe any Non-Compliance Issues?  Yes  No

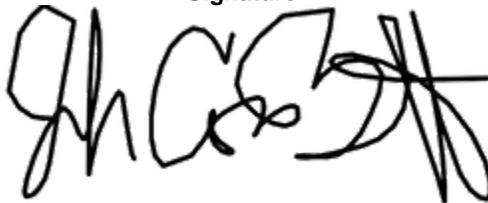
**Log Entry**

Attended meeting to discuss work planned for alta dena drain. Reviewed progress of Griffith grading of habitat mitigation areas

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jen Kendrick**  
**Date of Log: October 16, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:15	66 °F	0-3 MPH	50 %
<b>End of Day</b>	10:30	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

No construction activity occurred due to a red flag event.

**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, CORA, CALT, BUSH, ANHU

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

**Log Entry**

Crews did not work due to red flag warning. Biologists continued to flag area in which vegetation removal will occur. Biologists also conducted surveys for potentially active coyote/American badger burrows.

**Additional Comments**

Photos were not taken due to no construction activities occurring.

**Signature**



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 19, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	63 °F	0-3 MPH	100 %
<b>End of Day</b>	15:30	83 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing and grading of east side DH-2 WOUS.

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

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

**List of species observed while monitoring:**

WCSP, CORA, RTHA, SOSP, desert cottontail, CALT, NUWO, CATH, CASJ, deer mouse, woodrat, RSHA, ANHU, CAQU, RCKI, LEGO

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

**Log Entry**

0645 arrived onsite.

0655 met Mary and got iPad, arrow, tongs, and bucket from County trailer.

0705 met Fausto (operator) and Joe at Johnson Field

0715 Fausto using dozer to load stockpiled brush in basin into dumpsters. Grader and water truck grading DG-2 new channels that are already clear of brush, left area at 0755.

0820 Loader took over loading in basin and dozer moved down to channels.

0925 spoke to Josh about how far to divert around group of willows, can stay on west side of natural berm with large willows.

1200 lunch

1410 difficult for water truck to keep dust minimal, NI fixed disconnected hose and noted 1 willow planting was affected by stockpiled brush.

1420 willows removed at bottleneck, mulefat too thick to flag, will have operator remove a small swath at a time and flag when possible.

1330 done for day.

**Additional Comments**

Monitoring to continue west of eucalyptus.

**Signature**





**Looking\_SW\_willows\_to\_be\_removed.jpg**  
-118.17224 34.18989



**Looking\_NE\_stockpiled\_vegetation.jpg**  
-118.17232 34.18954

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: October 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	69 °F	0-3 MPH	40 %
End of Day	16:30	90 °F	0-3 MPH	15 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing with tracked equipment (x1) fitted with clasping bucket.

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 CAQU orange-throated whiptail lizard COHA MODO SAPH

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700 started monitoring vegetation clearing.

1030 observed orange-throated whiptail at edge of vegetation clearing zone, unharmed.

1430 ended monitoring vegetation clearing.

1445 started flagging vegetation clearing path for next day.

1630 ended work for day.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max Murray**  
**Date of Log: October 21, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	15:45	78 °F	4-6 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

- 1) vegetation clearing for ingress/egress through DG-4 WOUS.
- 2) one track loader and one water truck
- 3) Joe (foreman for Griffith), Fausto (operator), and Mikey (water truck driver).

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

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

**List of species observed while monitoring:**

AMCR, COHA, RSHA, WCSP, CALT, CASJ, LEGO, BUSH, BEWR, YRWA, side-blotched lizard, western fence lizard

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

**Log Entry**

0630: arrive onsite and prep GSP unit  
0715: coordinate with Joe, Fausto, and Mikey for today's work.  
0730: begin monitoring grading activities in the ingress/egress for DG-4 WOUS  
1115: water truck stuck  
1130: spoke with inspector Alex  
1240: water truck unstuck  
1530: end monitoring  
1545: spoke to Mary at the trailer  
1550: leave project site

**Additional Comments**

Hazy/smoky conditions in the afternoon

**Signature**





**Grading\_ingress\_egress\_DG4WOUS\_facingW.jpg**  
-118.17283 34.19165



**Vegetation\_removal\_ingress\_egress\_DG4WOUS\_facingE.jpg**  
-118.17345 34.19179



**Vegetation\_removal\_DG4WOUS\_facingNE.jpg**  
-118.17316 34.19264



**Vegetation\_removal\_after\_DG4WOUS\_facingSW.jpg**  
-118.17355 34.19241

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: October 22, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	07:45	57 °F	0-3 MPH	100 %
<b>End of Day</b>	15:42	69 °F	4-6 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

- 1) vegetation clearing and grading
- 2) one track loader and one water truck
- 3) Joe (Griffith) and Fausto (operator)

**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, HOFI, CASJ, CALT, LEGO, RTHA, RSHA, YRWA, western fence lizard

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

**Log Entry**

0745 - arrive onsite  
0800 - clearance of DG4-WOUS  
0830 - walk the work area with Mary (LA County)  
0900 - begin monitoring vegetation clearing and grading  
1420 - vegetation clearing and grading up to Soil Excavation Zone  
1445 - begin clearing vegetation along Ingress/Egress west of DG4-WOUS  
1520 - end monitoring

**Additional Comments**

N/A

**Signature**





**Vegetation\_clearing\_during\_DG4WOUS\_facingN.jpg**  
-118.17312 34.19257



**Vegetation\_clearing\_soil\_excavation\_zone\_access\_facingNE.jpg**  
-118.17304 34.1929



**Vegetation\_clearing\_soil\_excavation\_zone\_access\_facingNW.jpg**  
-118.17271 34.19318



**Vegetation\_clearing\_after\_ingress\_egress\_facingW.jpg**  
-118.17409 34.19215

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max D. Murray**  
**Date of Log: October 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	100 %
End of Day	15:40	70 °F	4-6 MPH	80 %

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

Construction Monitoring

**Construction Activity:**

- 1) vegetation clearing in the ingress/egress working from east to west
- 2) one track loader and one water truck
- 3) Fausto (operator of track loader) and Mikey (water truck driver)

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

WCSP, ACWO, BUSH, WREN, AMCR, LEGO, CASJ, BEWR, RTHA, BGGN

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645 - on site

0700 - sweep ingress/egress work area for vegetation clearing

0710 - begin monitoring vegetation clearing

0800 - start clearing vegetation into DG-W-2 (outlet). Working from south to north towards the mining pit

1100 - vegetation clearing reaches DG-W-2 mining pit

1530 - end monitoring

1540 - leave site

**Additional Comments**

N/A

Signature





**Vegetation\_clearing\_ingress\_egress\_before\_facingW.jpg**  
-118.17401 34.19209



**Vegetation\_clearing\_ingress\_egress\_during\_facingE.jpg**  
-118.17431 34.19221



**Vegetstion\_clearing\_DGW2\_during\_facingS.jpg**  
-118.17466 34.19263



**Vegetation\_clearing\_DGW2\_after\_facingW.jpg**  
-118.17433 34.19266

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: October 28, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	52 °F	0-3 MPH	0 %
End of Day	15:30	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing and grading conducted by JV Land Clearing Company. Crew used one dozer and one water truck. Crew consisted of two crew members (Fausto is 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 NOMO LEGO HOFI CORA CASJ RTHA EUST CALT SPTO CAQU BEWR ACWO western fence lizard, California ground squirrel

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

**Log Entry**

0645 arrived on site and conducted pre-construction sweep.  
0700 crew began removing vegetation within the grading limits for DG-W-2.  
1530 crew done for the day. Biologist conducted final sweep and left site.

**Additional Comments**

Signature





**Vegetation\_clearing\_before\_facingNE.jpg**



**Vegetation\_clearing\_during\_facingSW.jpg**



**Vegetation\_clearing\_after\_facingNE.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: October 29, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	44 °F	0-3 MPH	0 %
End of Day	11:15	84 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Continued clearing/grading toward north end of DG-W-2 (old mining pit) 1 dozer (Fausto), 1 water truck (George) for Griffith, Qays observing -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:**

BUSH, COHA, desert cottontail, parrots, CORA, coyote, CASJ, EUST

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

**Log Entry**

0650 arrived at County trailer and grabbed equipment.

0705 met Fausto and George at basin and walked dozer and water truck in.

0820 Qays (LACPW) on site.

0930 contacted Daniel at NI to let him know we will likely be at the 4" water line after lunch, 12:30ish. He will send someone to move the line at that time. Ill call back to confirm time.

1025 Water truck left to refill. Working closely with operator to clear final 20'.

1040 George walked in because water truck could not make the curve due to soft soils. Said Joe wants us to stop so gas company can mark underground lines. Had us move to drainage in SE portion of basin. Near DG-3A.

1115 was notified by Joe that no further vegetation removal would occur. Will work with County to determine plan for tomorrow and will notify Lauren if a monitor is not needed.

1130 returned equipment to trailer and notified NI that access over 4" water pipe was not needed today, possibly tomorrow.

**Additional Comments**

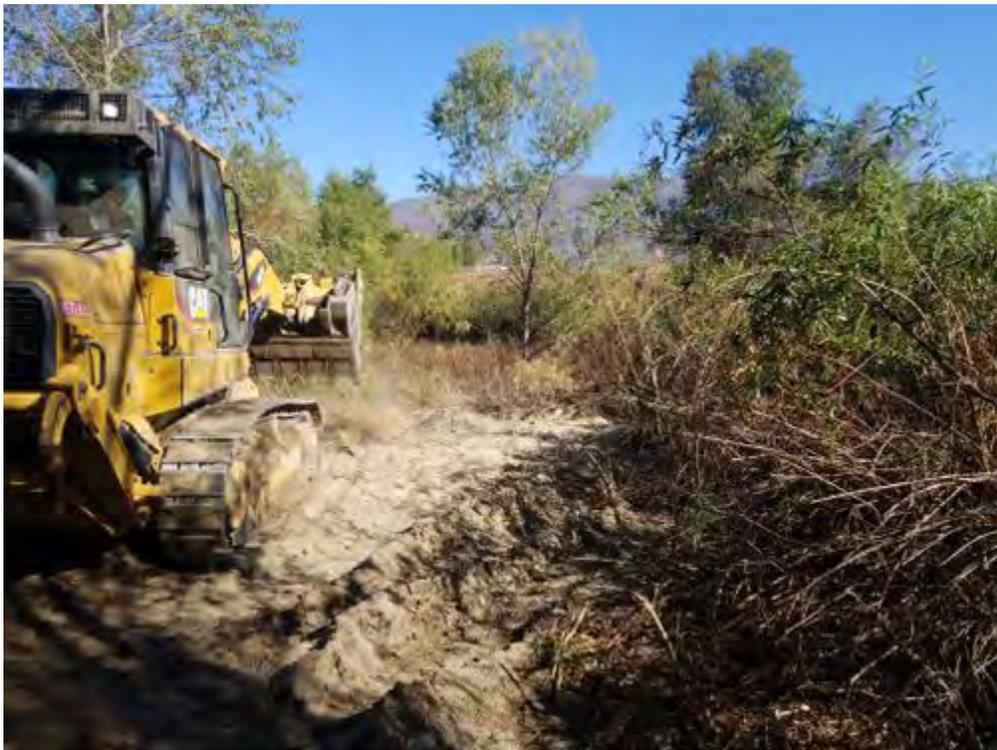
N/A

**Signature**





Looking\_N\_at\_northern\_DG-W-2\_limit.jpg  
-118.17391 34.19318



End\_conditions\_DG-W-2\_north.jpg  
-118.17388 34.1933

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 4, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	44 °F	0-3 MPH	0 %
<b>End of Day</b>	14:15	84 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company restoration grading, 1 dozer (Kenny), 1 water truck, 1 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:**

rtha, hofi, blph, nofl, casj, spto, bush, sosp, bewr, wcsp, amcr, calt, cath, anhu, rcki, caqu, yrwa

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700 arrived on site, dozer began grading with water truck and one laborer raking. discussed what to do with excess fill with Joe. will spread some excess fill out as feasible but large berms are not permitted. excess fill will need to be exported from site. dozer stockpiling excess fill. small amount of mulefat removed under biologist supervision to maintain slope, removal was no more than 1 ft and was within flagged limits. Dumpsters removed from channels as well as some stockpiled vegetation using loader.

1330 work at Johnson field done for the day due to need to remove excess fill and having limited access due to gas line.

1400 biologist left site. no bio issues observed

**Additional Comments**

N/A

Signature





**photo\_1-dozer grading.jpg**  
-118.17175 34.19068



**photo\_2-dozer stockpiling fill.jpg**  
-118.17208 34.18997



photo\_3-graded areas with slope.jpg  
-118.17192 34.1907

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 5, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	64 °F	0-3 MPH	25 %
End of Day	15:00	89 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company, removing vegetation stockpiles with skip loader, 1 operator (Leo), one 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:**

wcsp, calt, rtha, cath, casj, amcr, anhu, yrwa, gopher snake, western toad, cottontail, caqu, coye, rcki, bewr, modo

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

**Log Entry**

0645 arrived on site, checked in with Joe

0700 began monitoring vegetation pile removal

0730 crew called me over to relocate a western toad that was in the hauling area and had been unearthed by the excavator.

0930-1300 Discussed survey staking and future vegetation removal with Mary and Joe at both east survey ramp and mining pit. reflagged some areas of dg-w-2 mining pit and outlet to allow for expansion if necessary. discussed approach of biologist flagging dg-w-2 outlet ahead of landscape clearing crew on Monday. County notified me of gopher snake mortality near Johnson field. hatchling snake appeared to have been run over although no project vehicles were in the area.

1300 resumed monitoring removal of vegetation stockpile

1430 work done for the day. no bio issues observed

1500 biologist left site

**Additional Comments**

N/A

**Signature**





photo\_1-skip removing vegetation stockpile.jpg  
-118.17205 34.19097



photo\_2-skip removing vegetation pile.jpg  
-118.17203 34.19097

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: November 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	46 °F	0-3 MPH	20 %
End of Day	15:30	63 °F	0-3 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Vegetation clearing and grading conducted by JV Land Clearing Company and Griffith Company. Crew used one dozer and one water truck. Crew consisted of two crew members and one foreman (Fausto is 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 NOMO LEGO HOFI CORA CASJ RTHA EUST CALT SPTO CAQU BEWR ACWO YRWA WCSP western fence lizard, California ground squirrel, western toad

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

**Log Entry**

0645 arrived onsite and conducted pre-construction sweep.  
0800 crew began removing vegetation within the grading limits for DG-W2.  
1530 crew done for the day. Biologist conducted final sweep and left site.

**Additional Comments**

Signature





**Vegetation clearing\_during\_facingNE.jpg**



**Vegetation clearing activities.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	34 °F	0-3 MPH	0 %
<b>End of Day</b>	15:07	71 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Clearing and grading of south end of DG-W2 (outlet) below road. 1 dozer (Fausto), 1 water truck (Arasio), Griffith grading surveyor (Leopold), County inspector (Qas)

**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 (2 groups of 4-6 heading south to north), WEKI, BUSH, CASJ, CORA, ACWO, NOFL, COHA, CAQU, OATI, CALT, woodrat (s, middens)

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

**Log Entry**

0650 picked up Arrow and iPad from County trailer, checked in with Mary.  
0705 met Fausto at intersection of DG-W2 and northern access road. Cleared 6 coyotes off DG-W2 ahead of dozer.  
0730 flagged woodrat midden in box elder grove west of southern trail for avoidance. Flagged to curve before submeter lost reception. Widened berm over irrigation pipe  
0800 water truck, Griffith surveyor/monitor, and Qas (County) arrived on site  
0840 used Griffith GPS and phone to flag to end. Open areas west of trail outside channel limits. Southern portion below curve is already clear of vegetation including areas outside channel limits  
1100 water truck left to refill, paused until return  
1215 lunch till 1250  
1400 completed south end, asked Leopold to grab GPS to verify since my GPS was not working.  
1445 dozer and water truck left. Will need Natures Image to move irrigation lines when grading occurs. Leopold is aware and Daniel requires 24 to 48 hours notice.

**Additional Comments**

No monitor on holiday tomorrow. Got the go ahead for Altadena drainage. All clearing complete and let Mary know everything is flagged except the outer edge of the existing road south and west of Johnson Field.

**Signature**





Looking\_west\_at\_DG-W2\_west\_of\_trail.jpg  
-118.17558 34.19152



Looking\_southeast\_across\_existing\_clearing\_at\_DG-W2.jpg  
-118.1756 34.19162



Looking\_north\_at\_pre-Griffith\_clearing\_conditions.jpg  
-118.17593 34.1912

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max DeLonais Murray**  
**Date of Log: November 12, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	48 °F	0-3 MPH	40 %
<b>End of Day</b>	15:11	70 °F	0-3 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

- 1) grading
- 2) one dozer, one track loader, two water trucks
- 3) Joe (Griffith), Leo (Griffith), Qays (Public Works), Mary (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:**

WEKI, COHA, RSHA, BLPH, RTHA, ACWO, NUWO, WREN, BEWR, NOFL, CATH, CALT, AMCR, CORA, WCSP, CASJ, YRWA, CAQU, BUSH

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

**Log Entry**

0630 - onsite  
0645 - at Johnson's field to meet with crews  
0650 - meet up with Joe and coordinate efforts for the morning  
0811 - check DG4WOUS grading limits  
0940 - monitoring grading at DG2WOUS  
1455 - finish monitoring grading at DG2WOUS  
1515 - leave site

**Additional Comments**

N/A

**Signature**





**Grading\_DG2WOUS\_during\_facingS.jpg**  
-118.17234 34.1895



**Stockpile\_removal\_DG2WOUS\_during\_facingSE.jpg**  
-118.1723 34.18976



Grading\_DG2WOUS\_after\_facingSW.jpg  
-118.17275 34.18888

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Max DeLonais Murray**  
**Date of Log: November 13, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	39 °F	0-3 MPH	0 %
<b>End of Day</b>	15:45	66 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) grading in DG2WOUS
- 2) one dozer and one water truck
- 3) Leo (Griffith) - operator engineer, Fausto (sub to Griffith) - operator, Joe (Griffith) - superintendent and one water truck driver

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

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

**List of species observed while monitoring:**

AMCR, CASJ, YRWA, BGGN, CORA, BLPH, CALT, HOFI, LEGO, ACWO, MODO, EUST, RTHA, BEWR, CATH, WCSP, NUWO, COHA

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

**Log Entry**

0630 - onsite  
0645 - arrive at DG2WOUS, dozer had already started grading before I arrived. Begin monitoring immediately.  
0845 - coordinate with Leo about monitoring needs, continue monitoring DG2WOUS  
1020 - coordinate with Leo about vegetation removal and clean-up in DG-W2.  
1245 - begin monitoring vegetation clearing in DG-W2.  
1530 - end monitoring  
1545 - leave site

**Additional Comments**

N/A

**Signature**





**Grading\_DG2WOUS\_during\_facingNE.jpg**  
-118.17279 34.18899



**Grading\_DG2WOUS\_during\_facingSE.jpg**  
-118.17242 34.18951



**Vegetation\_clearing\_DG-W2\_during\_facingNW.jpg**  
-118.17438 34.19256



**Vegetation\_clearing\_DG-W2\_after\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	46 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Grading of DG-2 (WOUS) and removal of sediment from channels to stockpile area in Johnson Field. Removal of cut vegetation from DG-4 (WOUS).

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

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

**List of species observed while monitoring:**

CASJ, WCSP, YRWA, BLPH, parrot, BEWR, woodrat (middens only), side-blotched lizard, cabbage white, California ground squirrel (v)

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

**Log Entry**

0630 retrieved submeter from County trailer

0640 met Kenny (operator of mini dozer with slant boards)

0700 mini dozer entered DG-2 (WOUS) at south entrance from basin and continued grading to north. South end already graded.

0810 large blade (Cody) entering from north and helping grade. Blade and GPS hit black willow on west edge but corrected before significantly damaged. Told Leopold the mini dozer should be used for grading in narrow areas.

Loader and 2nd dozer with bucket working in channels to relocate sediment to Johnson Field.

1200 Leo asked me to assess limb to be cut along DG-4 (WOUS). Says previous monitor stated it would need to be hand cut. Stick nest is 4' off ground and unlikely to serve as raptor nest, however, old raptor nest located in crook of tree to north and woodrat midden at base of limb preserved in place. Cut cleanly with electric hand saw and Fausto will remove after lunch while supervised.

1210 returned to east side. Dirt pile by oak has been mostly removed.

1235 supervised removal of cut limb. No wildlife issues.

1250 returned to east side. Mini dozer beginning to grade westernmost channel.

1315 walked top of slopes with submeter for completed south section of DG-2.

1445 Kenny left to park mini dozer. Loader continued to remove sediment until 1455

1500 Fausto done.

**Additional Comments**

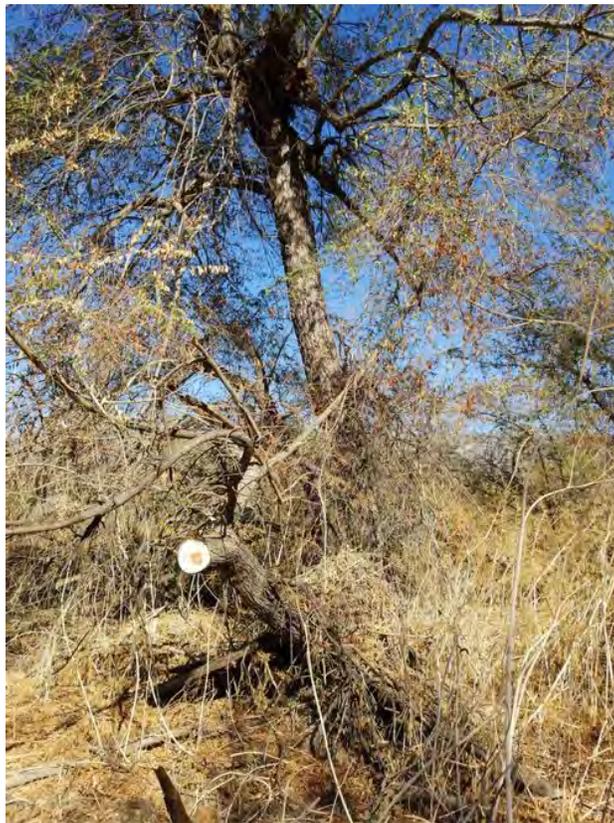
N/A

**Signature**





**Looking\_east\_at\_low\_stick\_nest\_along\_DG-4 (WOUS).jpg**  
-118.17362 34.19222



**Looking\_northeast\_at\_clean\_cut\_limb.jpg**  
-118.17355 34.19228



Looking\_north\_at\_western\_DG-2\_new\_channels.jpg  
-118.17223 34.19013



Looking\_northeast\_at\_DG-2\_from\_intersection\_with\_western\_channel.jpg  
-118.17231 34.18993

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: November 16, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	49 °F	0-3 MPH	0 %
<b>End of Day</b>	11:47	84 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Vegetation clearing with track loader and water truck. JV Land Clearing - Fausto (operator) and Griffith Company - Joe (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:**

CORA, BUSH, LEGO, woodrat, CALT, California ground squirrel, CASJ, BLPH

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

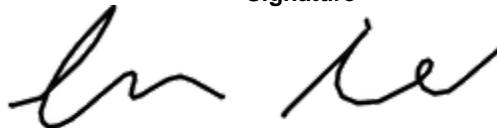
**Log Entry**

0700 monitored vegetation removal at Altadena Drain. Flushed one California ground squirrel and several woodrats out of removal area.

**Additional Comments**

N/A

Signature





photo\_1-20201116\_vegetation clearing\_facing NE.jpg  
-118.17381 34.18654

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: November 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	5 %
End of Day	12:43	78 °F	0-3 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Restoration grading with grader, bulldozer, track loader, water truck. Griffith Company - Joe (foreman), Leo (surveyor)

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

Green parrots, LEGO, CASJ, BUSH, ANHU, CALT, coyote, WCSP, SOSP, RTHA, red-eared slider, CORA, California ground squirrel

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700 walked site

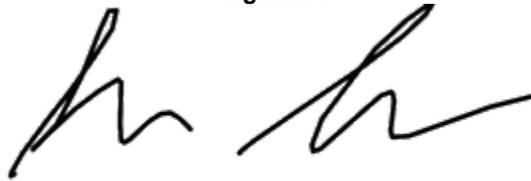
0810 monitored grader grading along DG-W2. Equipment was too large for the area and left after one pass.

1145 informed that no equipment would be working on the west side of the basin

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 17, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	45 °F	0-3 MPH	0 %
<b>End of Day</b>	15:37	76 °F	0-3 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company restoration grading at DG-2 (new channels). 1 operator on dozer (Kenny), grading and export removal at Johnson field using blade, dozer, and skiploader, loading haul trucks with export

**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, wcsp, anhu, calt, gbhe, cora, parrot sp, spto, sosp, yrwa, blph, coha, rtha, caqu, modo

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

**Log Entry**

0635 arrived onsite

0700 began monitoring restoration grading of DG-2 new channels with dozer

1145 hauling crew notified me of a turtle in the hauling area, red-eared slider, I captured and will relocate to a turtle rescue, continued monitoring of Johnson field and DG-W2 new channels grading.

1400 discussed issue of oak tree removal and rerouting pipe with contractor at Johnson field. will need more coordination with engineer.

1515 crew done at Johnson field.

1536 biologist left site

**Additional Comments**

N/A

**Signature**





**photo\_1-grading in DG-W2 new channels.jpg**  
-118.17231 34.18988



**photo\_2-Johnson field grading.jpg**  
-118.17147 34.19251

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: November 18, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:42	42 °F	0-3 MPH	0 %
<b>End of Day</b>	16:32	63 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Grading with bulldozer, wheel loader, grader, tractor loader, water truck. Griffith Company - Joe (foreman), Leo (surveyor)

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

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

**List of species observed while monitoring:**

LEGO, CALT, coyote, BUSH, SOSP, WCSP, CASJ, AMCR, CAQU, BLPH, RTHA, CORA, ACWO, California ground squirrel, WEBL

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

**Log Entry**

0700 monitored grading in DG-W2  
0840 monitored grading in DG-4  
1010 monitored grading at DG- W2  
1500 staked soil deposit area at north end of DG-4

**Additional Comments**

N/A

**Signature**





photo\_1-20201118\_grading in DG-W2\_ facingSW.jpg  
-118.17583 34.19147



photo\_2-20201118\_grading in DG-W2.jpg  
-118.17516 34.19153

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 19, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	48 °F	0-3 MPH	0 %
<b>End of Day</b>	17:01	58 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company adjusting slope at DG-3B near alta dena drain, using dozer and excavator

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

cora, casj, bewr, wcsp, sosp, coye, lisp, blph, side-blotched lizard, rtha

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0650 arrived onsite, began monitoring earthwork near Alta Dena drain. building up slope in DG-3B and around Alta Dena drain using dozers and excavators. rerouting flow from Alta Dena drain to low flow channels.  
1650 work complete for the day

**Additional Comments**

N/A

**Signature**





**photo\_1-building slope by 3B.jpg**  
-118.17344 34.18748



**photo\_2-grading by 3B.jpg**  
-118.17348 34.18748



photo\_3-work complete for today.jpg  
-118.1738 34.18691

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: November 20, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	0-3 MPH	0 %
End of Day	15:45	76 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

Sediment removal, loading, and hauling from berm below Altadena 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, BEWR, parrots, RTHA, BLPH, WCSP, CASJ, CORA, LEGO, ANHU, CALT, KILL, California ground squirrel, COYE

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645 3 excavators, blade, dozer, front loader, and water trucks heading toward dam. Excavator dammed Altadena outlet and blade leveled haul road.

0700 haul trucks being loaded by 3 excavators, all work conducted within basin and outside restoration areas

0705 noted large roots stockpiled west of DG-3B, mini dozer spreading, vibratory roller compacting, large stockpiled roots removed, blade with GPS grading.

1045 dozer drove up haul ingress road knocking a few mulefat with sideboard. Began pushing dirt into Altadena channel below restoration areas. Temporarily halted while I confirmed authorized activity with Josh and Joe before operator continued. Will open back up at end of day. ESA fence removal has begun in north portion of site and should be completed by Wednesday.

1245 Leo stated more vegetation removal is necessary for east entry road. Centerline is staked and outer edge will extend 8' beyond that plus 2' of temporary distribution. Irrigation line and 2 to 4 container plants have already been impacted. Worked with Daniel at NI and Leo to remove irrigation lines and flag outermost vegetation removal limits which will remove approximately 15 plantings. Discussed with Mary Kinsler, Carley (ECORP), and Margie (NI). Mary will stop by after 2pm safety meeting. Excavator continued working on adjacent slope in meantime.

1400 gave go ahead to Leo to clear and grub. He notified operator who will start after finishing current area.

1445 last haul truck departed. Excavators parked except one which switched buckets.

1455 operator of final excavator undamming Altadena drainage, removing haul road across drainage.

1530 operator parked excavator, done for day.

**Additional Comments**

N/A

Signature





Looking\_west\_at\_dammed\_Altadena\_drain.jpg  
-118.1736 34.18694



**Looking\_northeast\_at\_DG-3B.jpg**  
-118.17366 34.18698



**Looking\_west\_at\_staked\_east\_entry\_road.jpg**  
-118.17327 34.18684



Looking\_east\_at\_Altadena\_channel.jpg  
-118.17409 34.18702

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 23, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:01	37 °F	0-3 MPH	0 %
End of Day	15:05	62 °F	0-3 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company rebuilding slope near Alta Dena Drain using dozer and excavator

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

cora, wcsp, sosp, rcki, saph, bggn, calt, rtha, lego, bush, bewr, side-blotched lizard, desert cottontail

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0650 arrived onsite, began monitoring dozer building slope next to Alta Dena drain. monitored small amount of vegetation removal required to build new access route. Monitored excavator moving fill to build new access route, restoration irrigation had to be moved to accomodate, Natures Image will fix it next week. No bio issues observed. 1500 work done for the day

**Additional Comments**

N/A

Signature





**photo\_1-vegetation removal.jpg**  
-118.17341 34.1869



**photo\_2-rebuilt slope near Alta Dena drain.jpg**  
-118.17347 34.18699



photo\_3-area where irrigation affected.jpg  
-118.1734 34.18693

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 24, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	46 °F	0-3 MPH	15 %
End of Day	14:05	66 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company site demobilization

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, wcsp, casj, spto, caki, rtha, coha, saph, blph, yrwa, acwo, parrot sp., desert cottontail, bush, lego

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700 arrived onsite, crew is done at Altadena drain and wont be working in mining pit until later in the day, began recording data on limits of vegetation removal at Johnson field and mature trees avoided.

1100 attended final site walk with LACPW

1230 determined that no work will occur at mining pit today (police activity). Finished marking boundaries and trees at Johnson field. Removed all biologist red/white flagging from Johnson field channels.

1400 left site. no bio issues observed.

**Additional Comments**

N/A

Signature





**photo\_1-channels south of Johnson field.jpg**  
-118.17197 34.19102

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carley Lancaster**  
**Date of Log: November 25, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:45	51 °F	0-3 MPH	10 %
<b>End of Day</b>	11:00	69 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Griffith crew used one dozer, two front loaders, and one water truck to grade the channel in DG-W2 outlet. Crew consisted of 6 laborers and one foreman (Joe Carattini).

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

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

**List of species observed while monitoring:**

ACWO, CASJ, CATH, CALT, SPTO, SOSP, WCSP, YRWA, ANHU, RTHA, CORA, EUST, ROPI, BEWR, desert cottontail, western fence lizard

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

**Log Entry**

0645 arrived onsite and conducted pre-construction sweep.

0710 monitored grading and soil deposit in DG-W2 outlet.

1100 crew done for the day biologist conducted final sweep.

**Additional Comments**

**Signature**





**Grading\_before\_facingSW.jpg**



**Grading\_during\_facingS.jpg**



Grading\_after\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: November 30, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	32 °F	0-3 MPH	20 %
<b>End of Day</b>	08:45	48 °F	0-3 MPH	20 %

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

Restoration Monitoring

**Construction Activity:**

N/A work cancelled

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

cora, casj, blph

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645 arrived onsite

0700 talked with Joe work will be canceled for the day. Finished mapping trees avoided north of egress path.

0845 left site

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of a large, stylized loop followed by a series of smaller, connected loops and a final horizontal stroke.

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 2, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	41 °F	0-3 MPH	5 %
<b>End of Day</b>	12:28	76 °F	0-3 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

Grading in mining pit. Culvert installation at Johnson 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:**

CALT, WCSP, CORA, parrot, NOFL, SPTO, CATH, WESJ, CAQU

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

**Log Entry**

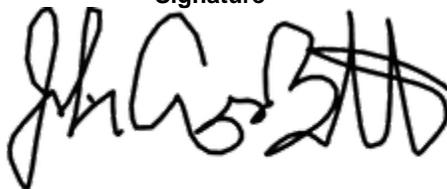
0645 - 1100 Assisted County surveyors with staking out the location for vinyl sheet pile in DG-2 (New Channels) and the culvert alignment for the Johnson Field area.

1100 - 1230 Reviewed restoration grading progress on west side of Arroyo Seco.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: December 9, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:50	55 °F	0-3 MPH	90 %
<b>End of Day</b>	15:16	81 °F	0-3 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

Grading, sediment relocation and spreading with wheel loader, grader, bulldozer, skip loader, water truck. Griffith Company - Leo (surveyor/skip loader operator), Doug (wheel loader operator), Steve (grader operator), Kent (bulldozer operator)

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

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

**List of species observed while monitoring:**

CASJ, CALT, coyote, CORA, BUSH, ANHU, BLPH, BGGN, ACWO, CAQU, LEGO, HOFI, NOFL, RTHA, desert cottontail, MODO

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

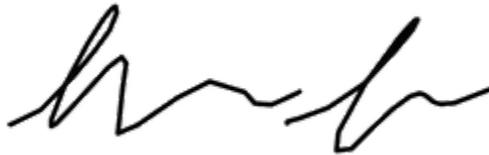
**Log Entry**

0700 monitored grading at south end of DG-W2, soil spreading at soil deposit site at north end of DG-W2, and sediment relocation to soil deposit site at north end of DG~4.

**Additional Comments**

N/A

**Signature**





**photo\_1-20201209\_grading DG-W2\_facing SW.jpg**  
-118.17491 34.19162



**photo\_2-20201209\_soil spreading at DG-4 deposit site\_facingNE.jpg**  
-118.17269 34.19325



photo\_3-20201209\_spreading soil at DG-W2 deposit site\_facingN.jpg  
-118.17383 34.19355

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: December 9, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:35	50 °F	0-3 MPH	75 %
<b>End of Day</b>	15:28	73 °F	0-3 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company excavator digging new culvert near Johnson field, installing sheet pile at entrance of Johnson field 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:**

amcr, casj, parrot sp., wcsp,calt, rtha, hofi, anhu, blph, bewr, caqu, spto, sosp, mall

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

**Log Entry**

0635 arrived on site and grabbed gear.

0700 began monitoring excavation of new culvert near Johnson field. Very small oak (1 in diameter at breast height) removed to do the work. larger oak adjacent branches are being grazed by bucket but not removed.

0720 excavator hits and breaks underground water pipe.

0810 City of Pasadena shuts off water.

0830 crew began installing sheet pile at entrance to Johnson field new channels. installation using an excavator and by hand. smoothed out using skip loader.

1440 finished sheet pile, opening up trail next to broken pipe.

1527 biologist left site. no bio issues observed.

**Additional Comments**

N/A

**Signature**





**photo\_1-excavator preparing to dig for culvert.jpg**  
-118.17127 34.19087



**photo\_2-flow in channels from water pipe.jpg**  
-118.17164 34.19032



photo\_3-sheet pile install.jpg  
-118.17194 34.19092



photo\_4-completed sheet pile install.jpg  
-118.17191 34.19077

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shannan Shaffer**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	35 °F	0-3 MPH	0 %
End of Day	15:24	63 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

Grading and soil relocation with grader, wheel loader, bulldozer, skip loader, water truck. Griffith Company: Joe (foreman), Doug, Steve, and Kent (equipment operators)

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

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

**List of species observed while monitoring:**

Green parrot, BLPH, CASJ, COHA, ANHU, HOFI, BUSH, CALT, coyote, RTHA, MODO, AMCR, LEGO, BGGN, PSFL, BEWR, WCSP, CAKI, western fence lizard, common side-blotched lizard

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

**Log Entry**

0700 monitored grading and soil relocation at north end of DG-4

**Additional Comments**

N/A

**Signature**





photo\_1-20201210\_grading north end of DG-W2\_facing N.jpg  
-118.1747 34.19261



photo\_2-20201210\_grading south end of DG-W2\_facing N.jpg  
-118.17491 34.1917



photo\_3-20201210\_soil deposit at north end of DG-4\_facing NE.jpg  
-118.1726 34.19329

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 10, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:56	38 °F	0-3 MPH	5 %
End of Day	15:16	65 °F	0-3 MPH	30 %

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

Restoration Monitoring

**Construction Activity:**

Installation of culvert pipe for Johnson Field. Habitat restoration grading at DG-4 WOUS.

Did you observe any special-status species?  Yes  No

Were any least Bell's Vireo detected?  Yes  No

**List of species observed while monitoring:**

CALT, BLPH, NOFL, CASJ, NUWO, BEWR, CORA, parrot sp.

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0700-1510 monitored installation of culvert at johnson field.

**Additional Comments**

N/A

Signature



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: December 11, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	46 °F	0-3 MPH	100 %
<b>End of Day</b>	14:30	59 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

2 loaders 1 water truck on west side of basin moving excavated soils from intersection of DG-4/access road to deposit area northeast of DG-4 (WOUS)

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

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

**List of species observed while monitoring:**

Parrots, coyote, EUCD, COHA, CASJ, CALT, WEME, ANHU, AMCR, CORA, RTHA, California ground squirrel (v), desert cottontail (t)

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

**Log Entry**

0650 Griffith tailboard

0700 1 loader (Steve) and began moving dirt after water truck wet trails.

0900 moved out of restoration hauling to help haul dirt from Johnson Field.

1040 switched to dozer and building up berm along west edge of basin just northeast of DG-4 to keep main water flow within main channel.

1200 finished building berm and contouring.

1210 followed Kenny on mini grader back to DG-4 stockpile area. 1-2 loaders (D8s) had been working in area while I was monitoring Steve at berm. Kenny trying to keep dirt within cleared limits but scoopers not helping.

1230 mentioned to Brian that the dust is pretty bad. Brian called for a water truck, arrived at 1305.

1410 Nothing going on at Johnson Field. Adam has been monitoring deposit site, but I told him I can periodically check on it.

1430 all equipment abruptly left and parked. Still working on moving sediment out of DG-W-2. Continue with 1 monitor on Monday.

**Additional Comments**

N/A

**Signature**





Looking\_northwest\_at\_DG-4-WOUS\_deposit.jpg  
-118.17223 34.19338



Looking\_southwest\_at\_DG-4-WOUS\_deposit\_area.jpg  
-118.17217 34.19342



**Looking\_southwest\_at\_DG-4.jpg**  
-118.17466 34.1925



**Looking\_west\_at\_breach\_in\_berm\_northeast\_of\_DG-4.jpg**  
-118.17192 34.19306

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Adam Schroeder**  
**Date of Log: December 11, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	07:00	46 °F	0-3 MPH	0 %
<b>End of Day</b>	14:25	63 °F	0-3 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

1. Grading, culvert installation, hauling dirt.
2. One excavator, two bulldozers, one skiploader, one water truck, two front loaders, hand tools.
3. Ten personnel (Griffith Company, Joe 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:**

RLPA, CORA, CASJ, ACWO, CALT, WCSP, RTHA, SAPH, BLPH, ANHU, NOFL

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

**Log Entry**

0710- monitoring grading and contouring in Johnson field, culvert outlet preparation for placing fabric/sand/rock, hauling excess fill to sediment removal area.

0745- monitored fabric/sand/rock installation at Johnson field culvert outlet.

0905- monitored removal of ramp into Johnson field.

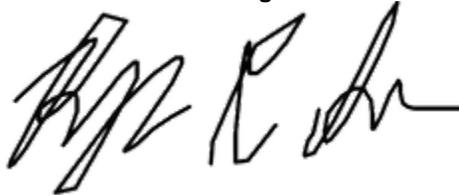
0935- monitored placement of rock at the inlet culvert to Johnson field.

1125- monitored hauling of excess dirt from DG-4 to excavated soil deposit zone.

**Additional Comments**

N/A

Signature





Johnson\_field\_culvert\_outlet\_installation\_during\_facingNW.jpg



Johnson\_field\_ramp\_removal\_during\_facingNW.jpg



Johnson\_field\_grading\_contouring\_during\_facingS.jpg



hauling\_excess\_dirt\_DG-4\_during\_facingS.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Christine Tischer**  
**Date of Log: December 14, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	47 °F	0-3 MPH	70 %
End of Day	15:00	63 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

2 loaders, mini dozer transporting sediment from DG-W-2 to deposit area. 2 man crew with backhoe finishing southernmost section of DG-W-2 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:**

RCKI, parrots, coyote, cottontail (s), ACWO, CORA, HOFI, BEWR, CASJ, RTHA, BLPH, TUVU, SAPH

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

**Log Entry**

0650 water truck wetting roads west of basin. Pre-clearance survey of all channels. Pulled 8' of unconnected irrigation hose out of channel and placed in Natures Image restoration area.

0700 Kenny on mini dozer headed to old mining pit. Willows in area seem to be dying back more than just seasonal dormancy. Suspect wood borer combined with drought, not due to project.

0750 backhoe tracked out of south end to grab some rakes. 2 dozers and Kenny continue to transport dirt from old mining pit to deposit area. Loaders are as wide as access road which is slowly getting wider. Put more stakes and flagging to limit spread at passing/turnaround areas.

0900 south crew is done at out of outlet channel.

1020-1045 crew called out to basin for meeting with safety officer.

1135 stockpile removed from mining pit, Kenny grading s-curve. east limits match original location, not mapped actuals. Westernmost avoided tree on south side of curve is askew, (noted upon arrival on Friday 12/11 - wind?). Photo in collector.

1230 wind starting to pick up, blowing dust toward park. Asked guys if water truck was coming. Called in again by loader at 1pm. Dirt from parking lot, and finished channel is blowing toward Oak Grove in addition to work area dust.

1405 water truck returned to wet down work area at end of access road, all dirt is out of channel and Kenny is on to final grade of slopes.

1445 Finished grading. Done for day.

1450 walked to mining pit with Joe. Only minor cleanup tomorrow with skip loader. Should be done for year after that.

**Additional Comments**

N/A

Signature





**Looking\_south\_at\_DG-W-2\_outlet.jpg**  
-118.17466 34.19231



**Looking\_southeast\_at\_DG-4 (WOUS)\_and\_acces\_road.jpg**  
-118.17368 34.19199



Looking\_west\_at\_grading\_of\_mining\_pit\_s-curve.jpg  
-118.17432 34.19264



Looking\_south\_at\_wetted\_work\_area.jpg  
-118.17459 34.19243

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Lauren Simpson**  
**Date of Log: December 15, 2020**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	30 °F	0-3 MPH	0 %
<b>End of Day</b>	14:00	64 °F	0-3 MPH	15 %

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

Restoration Monitoring

**Construction Activity:**

Griffith Company restoration grading of DG-4 (WOUS), Johnson 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:**

cora, parrot sp., cedw, calt, coha, rtha, casj, rcki, anhu, saph, nofl, blph, acwo, wcsp

Did You Observe any Non-Compliance Issues?  Yes  No

**Log Entry**

0645 arrived on site

0700 mini dozer smoothing out channels, large dozer smoothing out reservoir, hand crew doing touch up

0900 monitored small dozer and skip while they tilled soil on mound in Johnson field.

1030 Josh arrived for final walk-through.

1230 final walk through complete, began removing flagging.

1400 completed flagging removal and left site. no bio issues observed

**Additional Comments**

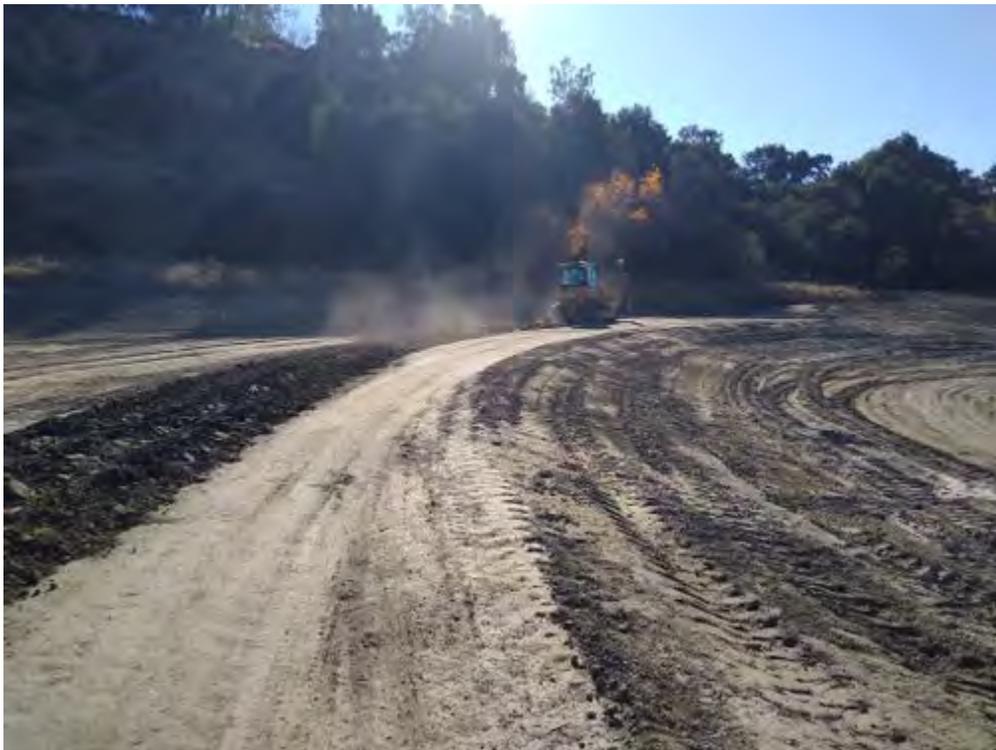
N/A

Signature





photo\_1-smoothing channel near Johnson field.jpg  
-118.17076 34.19



photo\_2-ripping soil mound at Johnson field.jpg  
-118.17011 34.19066



photo\_3-touch up work DG-4-WOUS.jpg  
-118.17311 34.19271

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Corona-Bennett**  
**Date of Log: December 15, 2020**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	10:15	65 °F	0-3 MPH	5 %
<b>End of Day</b>	12:24	75 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Monitored final touch up grading at Johnson field. Conducted final walkthrough of Griffith grading areas with Ray Dilbeck, Mary Kinsler, Joe (Griffith Supervisor), and Lauren Simpson.

**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, CORA, BLPH, side-blotched lizard

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

**Log Entry**

1015 - 1215 Monitored final touch up grading in Johnson field. Checked all Griffith grading areas for mitigation zones.

**Additional Comments**

N/A

Signature

