

**Third Quarter Compliance Report for  
Activities Occurring between  
July 2024 and September 2024  
for the  
Devil's Gate Reservoir Restoration Project**

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**Los Angeles County, California**

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**LIST OF ACRONYMS AND ABBREVIATIONS**

Term	Definition
CDFW	California Department of Fish and Wildlife
CNDDDB	California Natural Diversity Database
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
LACPW	Los Angeles County Public Works
MM	Mitigation Measure
MMRP	Mitigation Monitoring and Reporting Program
Project	Devil's Gate Reservoir Restoration Project
USFWS	U.S. Fish and Wildlife Service



## **1.0 INTRODUCTION**

### **1.1 Purpose**

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the City of Pasadena, Los Angeles County, California during the third quarter of 2024 (July through September). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

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

This is the 24<sup>th</sup> report (Quarterly Compliance Report Number 24) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project Site between July 1 and September 30, 2024.

## **2.0 COVERED ACTIVITIES**

### **2.1 Breeding Season Surveys**

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

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

Weekly focused least Bell's vireo surveys per Condition 7.3.4 of the ITP continued through July 2024. Annual maintenance activities (including site prep for sediment removal activities) began on July 2, 2024. Accordingly, preconstruction least Bell's vireo surveys were conducted in compliance with Condition 7.3.2 of the ITP and Conservation Measure 11a of the Section 7 prior to the start of annual maintenance activities. Sediment removal activities began on July 1, 2024, as such, twice weekly focused surveys continued after the sediment removal start date through the end of the least Bell's vireo breeding season per the Section 7 Conservation Measure 11b (August 31) and weekly surveys continued through the end

of the least Bell's vireo breeding season per the ITP (September 15). A total of 19 focused breeding season and/or preconstruction least Bell's vireo surveys were conducted by Designated Biologists approved by CDFW and USFWS during the third quarter of 2024. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

<b>Table 1. Third Quarter 2024 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel</b>	
<b>Date</b>	<b>Designated Biologist</b>
07/02/2024	Christine Tischer
07/08/2024	Taylor Dee
07/09/2024	Shannan Shaffer
07/15/2024	Lauren Simpson
07/19/2024	Christine Tischer
07/22/2024	Lauren Simpson
07/24/2024	Carla Marriner
07/29/2024	Shelby Dunn
08/02/2024	Taylor Dee
08/06/2024	Shannan Shaffer
08/09/2024	Carla Marriner
08/13/2024	Jill Coumoutso
08/16/2024	Shannan Shaffer
08/19/2024	Shannan Shaffer
08/22/2024	Carla Marriner
08/27/2024	Shelby Dunn
08/30/2024	Shelby Dunn
09/04/2024	Shannan Shaffer
09/11/2024	Carla Marriner

One least Bell's vireo was aurally detected during the focused breeding season surveys on July 19, 2024. The least Bell's Vireo seemed to be passing through the area as the vocalization was not heard again for the remainder of the survey. One least Bell's vireo was incidentally aurally observed by a biologist during monitoring of restoration activities on July 31, 2024. The individual was heard periodically for approximately 40 minutes but was not detected again for the rest of the day. A California Natural Diversity Database form for both observations was submitted and were included as an attachment in the monthly survey report. The least Bell's vireo preconstruction survey report is included in Appendix A and the breeding season survey reports for July, August, and September 2024 are included in Appendix B.

No breeding least Bell's vireos were documented at the Project Site during the 2024 season. Weekly focused breeding season surveys for least Bell's vireo will resume in March 2025 to support ongoing habitat restoration activities occurring at the Project Site.

## 2.2 Biological Monitoring

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

Construction related activities (including site preparation for sediment removal or sediment removal activities) began July 1, 2024. As such, construction monitoring activities began on July 1, 2024 and no construction monitoring occurred to that date.

Daily biological monitoring of restoration activities occurred whenever vegetation removal and/or plantings took place. Designated Biologists identified active bird nests on the Project Site and implemented appropriate no-work buffers around said nests. Table 2 shows Project working dates and the biological monitors that were present on each date.

<b>Table 2. Monitors Onsite during Work Days</b>		
<b>Date</b>	<b>Restoration Monitors</b>	<b>Construction Monitors</b>
07/01/2024	Daniel Jaques, Phillip Richards	Alexandra Dorough
07/02/2024	Daniel Jaques, Kristen Klinefelter	Alexandra Dorough
07/03/2024	Josh Harris, Phillip Richards	No Construction Monitoring – Break in Annual Maintenance Activities
07/05/2024	Josh Harris, No work Gothic (extended holiday)	
07/08/2024	Daniel Jaques, Phillip Richards	No Construction Monitoring – Break in Annual Maintenance Activities
07/09/2024	Madison Panzino, Phillip Richards	
07/10/2024	Carly Tailor, Nicole Argueta	Carter Warwick
07/11/2024	Daniel Jaques, Phillip Richards	Amber Francis
07/12/2024	Amber Francis, Kristen Klinefelter	Sam Harrison
07/15/2024	Amber Francis, Amanda Martinez	Carter Warwick
07/16/2024	Amber Francis, Phillip Richards	Eliza McLean
07/17/2024	Daniel Jaques, Amanda Martinez	Amber Francis
07/18/2024	Daniel Jaques, Phillip Richards	Carter Warwick
07/19/2024	Daniel Jaques, Phillip Richards	Sam Harrison
07/22/2024	No work-Natures Image, Cole Sutter	Eliza McLean
07/23/2024	No work-Natures Image, Cole Sutter	Eliza McLean

<b>Table 2. Monitors Onsite during Work Days</b>		
<b>Date</b>	<b>Restoration Monitors</b>	<b>Construction Monitors</b>
07/24/2024	Daniel Jaques, Amanda Martinez	Madison Panzino
07/25/2024	Madison Panzino, Kristen Klinefelter	Josh Harris
07/26/2024	Daniel Jaques, Vincent Baker	Alexandra Dorough
07/29/2024	Eliza McLean, Cole Sutter	Jill Coumoutso
07/30/2024	Eliza McLean, Phillip Richards	Sam Harrison
07/31/2024	Sam Harrison, Phillip Richards	Jill Coumoutso
08/01/2024	Eliza McLean, Amanda Martinez	Jill Coumoutso
08/02/2024	Eliza McLean, Vincent Baker	Sam Harrison
08/05/2024	Carter Warwick, Cole Sutter	Jill Coumoutso
08/06/2024	Amber Francis, Kristen Klinefelter	Carter Warwick
08/07/2024	Eliza McLean, Phillip Richards	Jill Coumoutso
08/08/2024	Sam Harrison, Vincent Baker	Eliza McLean
08/09/2024	Carly Tailor, Kristen Klinefelter	Sam Harrison
08/12/2024	Amber Francis, Cole Sutter	Eliza McLean
08/13/2024	Sam Harrison, Amanda Martinez	Jill Coumoutso
08/14/2024	Madison Panzino, Vincent Baker	Eliza McLean
08/15/2024	Verity Richardson, Philip Richards	Madison Panzino
08/16/2024	Shelby Dunn, Philip Richards	Amber Francis
08/19/2024	Amber Francis, Kristen Klinefelter	Sam Harrison
08/20/2024	Daniel Jaques, Phillip Richards	Eliza McLean
08/21/2024	Madison Panzino, Cole Sutter	Jill Coumoutso
08/22/2024	Verity Richardson, Phillip Richards	Madison Panzino
08/23/2024	Carly Tailor, Kristen Klinefelter	Carter Warwick
08/26/2024	Amber Francis, Vincent Baker	Eliza McLean
08/27/2024	Daniel Jaques, Cole Sutter	Jill Coumoutso
08/28/2024	Madison Panzino, Vincent Baker	Jill Coumoutso
08/29/2024	Amber Francis, Kristen Klinefelter	Eliza McLean
08/30/2024	Eliza McLean, Amanda Martinez	Sam Harrison
09/03/2024	Carly Tailor	Eliza McLean
09/04/2024	Amber Francis	Madison Panzino
09/05/2024	Madison Panzino	Carly Tailor
09/06/2024	Sam Harrison	Jill Coumoutso

<b>Table 2. Monitors Onsite during Work Days</b>		
<b>Date</b>	<b>Restoration Monitors</b>	<b>Construction Monitors</b>
09/09/2024	Daniel Jaques	Madison Panzino
09/10/2024	Shelby Dunn	Jill Coumoutso
09/11/2024	Sam Harrison	Eliza McLean
09/12/2024	Verity Richardson	Carter Warwick
09/13/2024	Amber Francis	Jill Coumoutso
09/16/2024	Amber Francis, Taylor Solorzano	No Construction Monitoring – No Annual Maintenance Activities during This Period
09/17/2024	Eliza McLean, Amanda Martinez	
09/18/2024	Daniel Jaques, Amanda Martinez	
09/19/2024	Carter Warwick, Amanda Martinez	
09/20/2024	Sam Harrison, Amanda Martinez	
09/23/2024	Shelby Dunn, Amanda Martinez	
09/24/2024	Daniel Jaques, Kristen Klinefelter	
09/25/2024	Amber Francis, Amanda Martinez	
09/26/2024	Justin Stuart, Kirsten Klinefelter	
09/27/2024	Eliza McLean, Phillip Richards	
09/30/2024	Amber Francis, Vincent Baker	

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

## 2.3 Project Construction Activities

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

- Project construction activities in the form of annual maintenance activities began on July 1, 2024 with the installation of trailers. Sediment hauling activities began July 19, 2024 and continued through September 13, 2024.
- Sediment Removal hauling activities included the loading of sediment within the Project Site into bottom-dump haul trucks using excavators and front loaders.
- Small areas of emergent vegetation were cleared using bulldozers, skid steers, and front loaders in preparation for hauling activities. All areas were surveyed for nesting bird activity prior to removal and all vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.

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

## 2.4 Habitat Restoration Activities

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

- Restoration activities continued from July 1, 2024 through September 30, 2024.
- Low-growing non-native plants including perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), shortpod mustard (*Hirschfeldia incana*), curly dock (*Rumex crispus*), poison hemlock (*Conium maculatum*), scarlet pimpernel (*Anagallis arvensis*), European stinging nettle (*Urtica dioica*), wild radish (*Raphanus sativus*), creeping yellow-cress (*Rorippa sylvestris*), pink evening primrose (*Oenothera rosea*), Maltese star-thistle (*Centaurea melitensis*), rattail sixweeks grass (*Festuca myuros*), tree tobacco (*Nicotiana glauca*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), and thistle (*Carduus pycnocephalus*) were removed from DG-1, DG-2, DG-W-2 Mining Pit, DG-3, DG-3A, DG-3B, DG-4, DG-4A, DG-4C, DG-4 WOUS, DG-7, DG-8 onsite restoration areas and perimeter trails by hand pulling and using small hand tools, shovels, weed whips, hula hoes, one-line trimmers and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Existing irrigation systems were maintained.

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

## 3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from October 1, 2024 to December 31, 2024.

## 4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 3 presents the Mitigation Monitoring and Reporting Program table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
<b>MM BIO – 1:</b> A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm’s way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm’s way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant	–	11/28/18 - ongoing	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities and continued to be present during restoration activities requiring vegetation removal during the 2024 third quarter reporting period. See Table 2 for details.
<b>MM BIO – 2:</b> Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant	–	11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2024 third quarter reporting period.
<b>MM BIO – 3:</b> Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm’s way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm’s way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant	–	11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 – 5/19/20, 3/17/21- 3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22, 7/20/23 – 8/13/23, 7/26/23, 7/31/23, 8/1/23, 6/17/24, 6/20/24,	Breeding season surveys for least Bell’s vireo were initiated during the first week of March 2024 and continued through the third quarter reporting period. A preconstruction breeding season least Bell’s vireo survey report was submitted to LACPW and is included as an appendix to this third quarterly compliance report for 2024. Preconstruction surveys for sensitive species were conducted by qualified biologists on July 2, 2024.

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
						6/21/24, 6/28/24 7/2/24	
<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	–	3/15/19 - 4/14/19, 3/16/20 – 5/19/20 03/1/21 – 4/16/21 08/30/22, 09/08/22, 7/19/23, 7/28/23, 8/3/23, 8/11/23, 6/10/24, 6/17/24, 6/28/24, 7/9/24	Preconstruction surveys for nesting birds were completed during the third quarter of 2024. Active bird nests within 500 feet of the Project Site were documented and appropriate no-work buffers were established. Designated Biologists monitored Project construction and restoration activities daily during the nesting season during the third quarter 2024 reporting period.
<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></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 2024 third quarter reporting period.



Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"><li>Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30).</li><li>If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows:<ul style="list-style-type: none"><li>Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw.</li><li>First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly.</li><li>Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats.</li></ul></li></ul> <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>							
<p><b>MM BIO – 6:</b> Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"><li>Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub.</li><li>Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed.</li><li>Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant 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></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>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>	<p>–</p>	<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2024 third quarter reporting period.</p>

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"><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><li>● Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved.</li><li>● Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. 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>							

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<b>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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management  • Conduct Tree Survey • Identify and Protect Oak Tree Root Zones • Identify/Map Mitigation Sites • Prepare Habitat Restoration Plan • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports	Pre-Sediment Removal; Sediment Removal; Reservoir Management  • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign-Off	Los Angeles County Flood Control District	Less than significant	–	10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2024 third quarter reporting period.
<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:  • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal	Reservoir Management  • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports	Reservoir Management  • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary	Los Angeles County Flood Control District	Less than significant	–	11/19/18 - ongoing	Restoration activities were continued during the 2024 third quarter reporting period.

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>Sage Scrub), and jurisdictional waters (federally protected wetlands).</p> <ul style="list-style-type: none"><li>Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed.</li><li>Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use.</li><li>Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:<ul style="list-style-type: none"><li>Site-specific container plant and seed palettes,</li><li>Irrigation plan,</li><li>Nonnative and invasive plant species removal,</li><li>Maintenance and monitoring schedule,</li><li>Qualitative and quantitative monitoring methodologies,</li><li>Selection criteria of reference sites,</li><li>Performance standards of the mitigation sites,</li><li>Monitoring reports and annual reports schedule,</li><li>Mitigation long-term management plan, and</li><li>Funding description for implementation and long-term management.</li></ul></li><li>Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved.</li><li>Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved.</li><li>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary</li></ul>		<ul style="list-style-type: none"><li>Prepare Monitoring Reports</li><li>Prepare Annual Reports</li><li>Achieve Mitigation Site Sign- Off</li></ul>					

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"><li>○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,</li><li>○ Add soil amendments if problem soils may be inhibiting plant growth,</li><li>○ Replant if plant survival is low or to increase plant species cover or diversity,</li><li>○ Install different plant species for plant species that are not surviving, and</li><li>○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites.</li></ul> <ul style="list-style-type: none"><li>• Implement and monitor the required mitigation at alternative sites 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>							

Notes: CDFW = California Department of Fish and Wildlife; CNDDDB = California Natural Diversity Database; LACFCD = Los Angeles County Flood Control District; LACPW = Los Angeles County Public Work; MM = Mitigation Measure

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

## **LIST OF APPENDICES**

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Appendix A – Least Bell’s Vireo Preconstruction Survey Report

Appendix B – Least Bell’s Vireo Breeding Season Survey Reports – July through September 2024

Appendix C – Construction Monitoring Logs

Appendix D – Habitat Restoration Monitoring Logs

Least Bell's Vireo Preconstruction Survey Report



July 24, 2024  
(2023-005.010/004)

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

**Subject: 2024 Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Mr. Hala,

The purpose of this letter report is to present the results of preconstruction least Bell's Vireo (*Vireo bellii pusillus*) surveys conducted by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The preconstruction surveys for least Bell's vireo were conducted prior to the commencement of routine annual maintenance activities to comply with Condition 7.3.2 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project, which states that if Covered Activities occur during the nesting season (March 1 to September 15):

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

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states that if sediment removal is conducted between March 15 and August 31 then:

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

## **SURVEY METHODS**

Preconstruction surveys for least Bell's vireo were conducted by a CDFW- and USFWS-approved Designated Biologist in compliance with ITP Condition 7.3.2 and Section 7 Conservation



Measure CM 11a for Project activities that are to occur during the vireo's breeding season because routine annual maintenance activities were scheduled to begin on July 10, 2024.

Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project routine annual maintenance boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.<sup>2</sup>

## RESULTS

Preconstruction least Bell's vireo surveys began on June 4, 2024, no less than 30 days prior to the scheduled start of Project activities on July 10, 2024. Surveys continued weekly, with three consecutive surveys occurring during the week prior to the start of routine annual maintenance. The final survey was performed the day prior to the start of Project maintenance activities. A total of seven preconstruction least Bell's vireo surveys were conducted between June 4 and July 9, 2024. The dates, personnel, and weather conditions for each survey are listed in Table 1. Survey datasheets are provided in Attachment A.

Table 1. Weather Conditions during Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
06/04/2024	TD	0600	1100	59	77	100	15	0-1	2-5
06/12/2024	SD	0630	1100	62	70	100	30	0-1	0-1
06/19/2024	CM	0635	1045	61	68	100	40	1-3	2-4
06/27/2024	SD	0630	1100	63	70	0	0	0-1	0-2
07/02/2024	CT	0620	1000	56	78	100	0	0-1	0-2
07/08/2024	TD	0612	1100	66	83	0	0	0-2	3-8
07/09/2024	SS	0551	1025	64	81	10	0	0-2	0-2
* CM = Carla Marriner, CT = Christine Tischer, TD = Taylor Dee, SD = Shelby Dunn, SS = Shannon Shaffer									

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

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

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

## **DISCUSSION**

Preconstruction surveys for least Bell's vireo were conducted during the 2024 breeding season prior to the commencement of routine annual maintenance activities in the basin. The Designated Biologists did not detect least Bell's vireo on the Project site or within the 500-ft survey buffer during the June and July 2024 preconstruction surveys.

The lack of detection of any individuals during the seven preconstruction surveys conducted prior to the commencement of annual maintenance activities, indicates that breeding least Bell's vireos were absent from the Project site and 500-ft survey buffer area as of July 9, 2024.

Least Bell's vireo Designated Biologists will continue conducting biweekly surveys through September 1 and weekly surveys through the end of the 2024 breeding season (September 15).

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

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

DATE: July 24, 2024

## **Attachments:**

Attachment A: Survey Datasheets

Attachment B: Wildlife Species Observed

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## **ATTACHMENT A**

Survey Datasheets

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

**Submitted By: Taylor Dee**

**Submitted Time: 06/04/2024 11:15 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:00	59°F	0-1 MPH	100 %
<b>End of Day</b>	11:00	77 °F	2-5 MPH	15 %

**Date Observed**

June 4, 2024

**Observer Name**

Taylor Dee

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

n/a

**Additional Notes**

**Incidental Species Observed**

BUSH, CALT, SPTO, MODO, CAKI, EUST, ECDO, ACWO, HOFI, BHGR, CASJ, WREN, WTSP, CORA, BEWR, ATFL, CAQU, LEGO, ALHU, SOSP, YEWA, NRWS, red-crowned parrot, NOMO, BARS, AMGO, desert cottontail, HOWR, KILL, TRSW, AMCR, BGGN, California ground squirrel, NUWO, western toad, AMCO, MALL, ANHU, yellow-faced bumblebee, WEFL, Western fence lizard, CAGO, RUDU, COHU

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

**Submitted By: Shelby Dunn**

**Submitted Time: 06/12/2024 10:40 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	62°F	0-1 MPH	100 %
<b>End of Day</b>	11:00	70 °F	0-1 MPH	30 %

**Date Observed**

June 12, 2024

**Observer Name**

Shelby Dunn

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

**Additional Notes**

**Incidental Species Observed**

BHGR LEGO MODO NRWS CORA ALHU BASW DEJU RCPA OTI ACWO CAKI WTSW CAQU YEWA CLSW KILL  
CALT BEWR NUWO HOFI BUSH NOMO ANHU CANG BHCO BGGN CASJ WEFL SPTO OCWA AMCR BLPH  
MALL RUDU western toad Western fenced lizard California ground squirrel Tiger whiptail Desert cotton tail

**Least Bell's Vireo Log for Devils Gate (Environmental Conditions)**  
**Submitted By: Carla Marriner**  
**Submitted Time: 06/20/2024 9:37 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61°F	1-3 MPH	100 %
End of Day	10:45	68 °F	2-4 MPH	40 %

**Date Observed**

June 19, 2024

**Observer Name**

Other

**Other Observers (if present):**

Carla Marriner

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

**Additional Notes**

**Incidental Species Observed**

CORA ANHU MODO NUWO BEWR CASJ SOSP BHGR LEGO Desert cottontail CA squirrel CATH CALT  
RTHA CAQU SPTO NOMO BUSH YEWA BGGN MALL CANG BLPH RTHA NRWS Western toads

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

**Submitted By: Shelby Dunn**

**Submitted Time: 06/27/2024 1:56 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	63°F	0-1 MPH	0 %
<b>End of Day</b>	11:00	70 °F	0-2 MPH	0 %

**Date Observed**

June 27, 2024

**Observer Name**

Shelby Dunn

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

N/A

**Additional Notes**

**Incidental Species Observed**

CAKI ACWO NOMO OATI HOFI SPTO CALT LEGO CASJ NRWS MODO EUST AMRO BEWR RCPA NUWO  
BHGR BGGN ALHU YEWA ANHU CAQU BUSH BLPH AMCR WEFL COHA WREN YBCH RSHA HOWR SAPH  
SOSP WTWS MALL KILL RTHA CANG RUDU GBHE BCNH CLSW BASW ATFL desert cotton tail California ground  
squirrel Western toad Side blotched lizard Coastal whiptail Western fenced lizard American bullfrog Swallow tail  
Cabbage white California sister Carpenter bee Bombus californicus

**Least Bell's Vireo Log for Devils Gate (Environmental Conditions)**  
**Submitted By: Christine Tischer**  
**Submitted Time: 07/02/2024 10:00 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	56°F	0-1 MPH	100 %
End of Day	10:00	78 °F	0-2 MPH	0 %

**Date Observed**

July 2, 2024

**Observer Name**

Christine Tischer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

n/a

**Additional Notes**

**Incidental Species Observed**

Desert cottontail, MODO, parrots, WREN, HOFI, SOSP, SPTO, AMCR, NUWO, CAKI, BGGN, RTHA, coyote, BEWR, YEWA, western toad, CANG with 5 2-week old goslings and maybe 10 older juvies walking around, MALL, CORA, BLPH, BUSH, NRWS, CAQU, eastern fox squirrel, CALT, ALHU, KILL, BLPH, RUDU, COHA 1 juvie by dam, AMRO, WTSW, OATI, CASJ, NOMO, ACWO, CATH, GTGR, COHA juvies heard in direction of COHA\_01 nest, BHGR, PSFL, western fence lizard, PHAI, CA ground squirrel, RSHA 1 juvie by COHA\_01, woodrat (middens), side-blotched lizard, DEJU, B.vos, B. cal, cabbage white, Lorquin's admiral, GREG, GBHE, mourning cloak, gray buckeye,



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

**Submitted By: Taylor Dee**

**Submitted Time: 07/08/2024 12:18 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:12	66°F	0-2 MPH	0 %
<b>End of Day</b>	11:00	83 °F	3-8 MPH	0 %

**Date Observed**

July 8, 2024

**Observer Name**

Taylor Dee

**Other Observers (if present):**

n/a

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

n/a

**Additional Notes**

11 yellow warblers and 2 coastal whiptails detected

**Incidental Species Observed**

MODO, AMCR, OATI, ACWO, BHGR, CASJ, CALT, ALHU, SPTO, CAQU, BUSH, BEWR, CATH, RSHA, LEGO, BGGN, ANHU, desert cottontail, HOFI, PHAI, CLSW, GBHE, NOMO, California ground squirrel, NUWO, CALT, WREN, RTHA, RCPA, western fence lizard, YEWA\*, WEFL (PSFL), western toad, COHA, WWPE, WTSW, HUVI, WEBL, CAKI, BLPH, SOSP, NRWS, Western side-blotched lizard, coastal whiptail\*, cabbage white, carpenter bee, western tiger swallowtail, TUVU, CORA, COYE, KILL, MALL, BARS, RUDU, American bullfrog, GREG

**Least Bell's Vireo Log for Devils Gate (Environmental Conditions)**  
**Submitted By: Shannan Shaffer**  
**Submitted Time: 07/09/2024 10:32 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:51	64°F	0-2 MPH	10 %
End of Day	10:25	81 °F	0-2 MPH	0 %

**Date Observed**

July 9, 2024

**Observer Name**

Shannan Shafer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

**Locations**

**Additional Notes**

NUWO, HOFI, SPTO, CASJ, BEWR, green parrot, MODO, CALT, ACWO, LEGO, eastern fox squirrel, coyote, ANHU, BUSH, desert cottontail, BGGB, ALHU, CORA, RTHA, western fence lizard, alligator lizard, cabbage white, CLSW, NRWS, California sister, California ground squirrel, common side- blotched, western toad, WREN, BLPH, YEWA, COYE, MALL, KILL

**Incidental Species Observed**

## ATTACHMENT B

### Wildlife Species Observed

Scientific Name	Common Name
<b>INSECTS</b>	
<b>Apidae</b>	<b>Bees</b>
<i>Bombus californicus</i>	California bumble bee
<i>Bombus vosnesenskii</i>	yellow-faced bumble bee
<i>Xylocopa sonorina</i>	valley carpenter bee
<b>Nymphalidae</b>	<b>Brush-footed Butterflies</b>
<i>Adelpha californica</i>	California sister
<i>Junonia grisea</i>	gray buckeye
<i>Limenitis lorquini</i>	Lorquin's admiral butterfly
<i>Nymphalis antiopa</i>	mourning cloak
<b>Papilionidae</b>	<b>Swallowtail Butterflies</b>
<i>Papilio rutulus</i>	western tiger swallowtail
<b>Pieridae</b>	<b>Pierid Butterflies</b>
<i>Pieris rapae</i>	cabbage white butterfly
<b>AMPHIBIANS</b>	
<b>Bufonidae</b>	<b>True Toads</b>
<i>Anaxyrus boreas halophilus</i>	California toad
<b>Ranidae</b>	<b>True Frogs</b>
<i>Lithobates catesbeianus</i>	American bullfrog
<b>REPTILES</b>	
<b>Phrynosomatidae</b>	<b>Spiny Lizards</b>
<i>Sceloporus occidentalis longipes</i>	Great Basin fence lizard
<i>Uta stansburiana elegans</i>	western side-blotched lizard
<b>Teiidae</b>	<b>Whiptails and Racers</b>
<i>Aspidoscelis trigris stejnegeri**</i>	coastal whiptail
<b>BIRDS</b>	
<b>Accipitridae</b>	<b>Hawks</b>
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
<b>Aegithalidae</b>	<b>Bushtits</b>
<i>Psaltiriparus minimus</i>	bushtit
<b>Anatidae</b>	<b>Ducks, Geese and Swans</b>
<i>Anas platyrhynchos</i>	mallard
<i>Branta canadensis</i>	Canada goose
<i>Oxyura jamaicensis</i>	ruddy duck
<b>Apodidae</b>	<b>Swifts</b>
<i>Aeronautes saxatalis</i>	white-throated swift
<b>Ardeidae</b>	<b>Hérons</b>
<i>Ardea alba</i>	great egret

<i>Ardea herodias</i>	great blue heron
<i>Nycticorax nycticorax</i>	black-capped night-heron
<b>Cardinalidae</b>	<b>Cardinals</b>
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
<b>Cathartidae</b>	<b>New World Vultures</b>
<i>Cathartes aura</i>	turkey vulture
<b>Charadriidae</b>	<b>Plovers</b>
<i>Charadrius vociferus</i>	killdeer
<b>Columbidae</b>	<b>Pigeons and Doves</b>
<i>Streptopelia decaocto*</i>	Eurasian collared-dove
<i>Zenaida macroura</i>	mourning dove
<b>Corvidae</b>	<b>Jays and Crows</b>
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
<b>Fringillidae</b>	<b>Finches</b>
<i>Spinus tristis</i>	American goldfinch
<i>Haemorhous mexicanus</i>	house finch
<i>Spinus psaltria</i>	lesser goldfinch
<b>Hirudinidae</b>	<b>Swallows</b>
<i>Hirundo rustica</i>	barn swallow
<i>Petrochelidon pyrrhonota</i>	cliff swallow
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
<i>Tachycineta bicolor</i>	tree swallow
<b>Icteridae</b>	<b>New World Blackbirds</b>
<i>Icteria virens**</i>	yellow-breasted chat
<i>Molothrus ater</i>	brown-headed cowbird
<i>Quiscalus mexicanus</i>	great-tailed grackle
<b>Mimidae</b>	<b>Mockingbirds and Thrashers</b>
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
<b>Odontophoridae</b>	<b>Quails and Partridges</b>
<i>Callipepla californica</i>	California quail
<b>Paridae</b>	<b>Titmice</b>
<i>Baeolophus inornatus</i>	oak titmouse
<b>Parulidae</b>	<b>Wood-warblers</b>
<i>Geothlypis trichas</i>	common yellowthroat
<i>Leiothlypis celata</i>	orange-crowned warbler
<i>Setophaga petechia**</i>	yellow warbler
<b>Passerellidae</b>	<b>Sparrows and Towhees</b>
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Pipilo maculatus</i>	spotted towhee
<i>Zonotrichia albicollis</i>	white-throated sparrow
<b>Picidae</b>	<b>Woodpeckers</b>

<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
<b>Poliophtidae</b>	<b>Gnatcatchers</b>
<i>Poliophtila caerulea</i>	blue-gray gnatcatcher
<b>Psittacidae</b>	<b>Old World Parrots</b>
<i>Amazona viridigenalis</i>	red-crowned parrot
<b>Ptiliognatidae</b>	<b>Silky Flycatchers</b>
<i>Phainopepla nitens</i>	phainopepla
<b>Rallidae</b>	<b>Rails</b>
<i>Fulica americana</i>	American coot
<b>Sturnidae</b>	<b>Starlings</b>
<i>Sturnus vulgaris</i> *	European starling
<b>Sylviidae</b>	<b>Sylviid Warblers</b>
<i>Chamaea fasciata</i>	wrentit
<b>Trochilidae</b>	<b>Hummingbirds</b>
<i>Calypte anna</i>	Anna's hummingbird
<i>Calypte costae</i>	Costa's hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
<b>Troglodytidae</b>	<b>Wrens</b>
<i>Thryomanes bewickii</i>	Bewick's wren
<i>Troglodytes aedon</i>	house wren
<b>Turdidae</b>	<b>Thrushes</b>
<i>Sialia mexicana</i>	western bluebird
<i>Turdus migratorius</i>	American robin
<b>Tyrannidae</b>	<b>Tyrant Flycatchers</b>
<i>Contopus sordidulus</i>	western wood pewee
<i>Empidonax difficilis</i>	western flycatcher
<i>Myiarchus cinerascens</i>	ash-throated flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Sayornis saya</i>	Say's phoebe
<i>Tyrannus vociferans</i>	Cassin's kingbird
<b>Vireonidae</b>	<b>Vireos</b>
<i>Vireo huttoni</i>	Hutton's vireo
<b>MAMMALS</b>	
<b>Canidae</b>	<b>Dogs, Wolves, and Foxes</b>
<i>Canis latrans</i>	coyote
<b>Leporidae</b>	<b>Hares and Rabbits</b>
<i>Sylvilagus audubonii</i>	desert cottontail
<b>Sciuridae</b>	<b>Squirrels</b>
<i>Otospermophilus beecheyi</i>	California ground squirrel
<i>Sciurus niger</i>	eastern fox squirrel

\*Nonnative species

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

Least Bell's Vireo Breeding Season Survey Reports – July through September 2024



August 29, 2024  
(2023-005.07/006)

Mr. Allen Xie  
Los Angeles County Public Works  
Stormwater Engineering Division Via  
Email: AXie@dpw.lacounty.gov

**Subject: July 2024 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Mr. Xie,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in July 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through the end of July 2024.

## **SURVEY METHODS**

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.<sup>2</sup>

## **RESULTS**

Five focused breeding season surveys for least Bell's vireo were conducted between July 15 and 31, 2024. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

<b>Table 1. Weather Conditions During Surveys</b>									
<b>Date</b>	<b>Surveyors*</b>	<b>Time</b>		<b>Temperature (°F)</b>		<b>Cloud Cover (%)</b>		<b>Wind Speed (mph)</b>	
		start	end	start	end	start	end	start	end
07/15/24	LS	0645	1059	67	85	5	0	0-1	0-1
07/19/24	CLT	0622	1058	63	88	0	0	0-1	3-5
07/22/24	LS	0615	1037	73	85	5	0	0-3	1-4
07/24/24	CM	0640	1025	72	87	30	0	1-3	1-3
07/29/24	SD	0655	1100	63	86	0	0	0-1	0-2

CLT= Christine Tischer, CM= Carla Marriner, LS= Lauren Simpson, SD = Shelby Dunn

On July 19, 2024, an individual least Bell's vireo was heard singing during the breeding season survey. The individual was heard in the riparian habitat along the DG-W-2 mining pit outlet onsite restoration area during the beginning of the survey. The least Bell's vireo appeared to be passing through the area as the vocalization was not heard again for the remainder of the survey. A CNDDDB submission for this observation is provided in Attachment B.

On July 31, 2024, an individual least Bell's vireo was incidentally documented by the ECORP onsite restoration monitor. The least Bell's vireo was observed singing from a mulefat thicket within the onsite mitigation area. The individual was heard periodically for approximately 40 minutes but was not detected again for the rest of the day. A CNDDDB submission for this observation is also provided in Attachment B.

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

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



Brown-headed cowbirds were not observed during the July 2024 breeding season surveys.

## **DISCUSSION**

Five focused breeding season surveys for least Bell's vireo were conducted between July 15 and 31 2024. One least Bell's vireo was detected during the focused breeding season survey on July 19, 2024, and one least Bell's vireo was observed on July 31, 2024, while restoration monitoring was taking place. During both observations, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15) and Designated Biologists will closely monitor the presence of vireos onsite for evidence of breeding.

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

SIGNED: 

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

DATE: August 29, 2024

## **Attachments:**

Attachment A: Survey Datasheets

Attachment B: Least Bell's Vireo Observation CNDDDB Submittals

**ATTACHMENT A**

Survey Datasheets

**Least Bell's Vireo Log for Devils Gate (Environmental Conditions)**  
**Submitted By: Lauren Simpson**  
**Submitted Time: 07/15/2024 10:59 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	67°F	0-1 MPH	5 %
End of Day	10:59	85 °F	0-1 MPH	0 %

**Date Observed**

July 15, 2024

**Observer Name**

Lauren Simpson

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Brown-Headed Cowbird Observations**

**Number of Individuals**

0

**Locations**

**Additional Notes**

**Incidental Species Observed**

CALT, AMCR, CAQU, LEGO, CORA, SPTO, ANHU, BEWR, CASJ, HOFI, MODO, ACWO, BUSH, WREN, ALHU, NUWO, RTHA, NOMO, BLPH, CA ground squirrel, WEFL, SOSP, WTSW, COHA, SNEG, MALL, GBHE, CAKI, HOOR, OATI, AMRO, cottontail, CLSW, BARS, KILL, coastal whiptail, Western fence lizard, BGGN, BHGB, EUCD

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

**Submitted By: Christine Tischer**

**Submitted Time: 07/19/2024 11:00 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:22	63°F	0-1 MPH	0 %
<b>End of Day</b>	10:58	88 °F	3-5 MPH	0 %

**Date Observed**

July 19, 2024

**Observer Name**

Christine Tischer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

yes

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

N/A

**Additional Notes**

0650 possibly heard from distance tail end of 1 LBVI song at DG-4A but nothing further heard after doubling back to listen. Heard 2 LBVI songs to north at 0715 as I passed restoration crew weeding in DG-W-2 outlet, marked spot in Field Maps. Seemed to be passing through to north but nothing further heard and nothing heard at completion of survey when I returned to same area.

**Incidental Species Observed**

ACWO, MODO, HOFI, WREN, NUWO, BEWR, CALT, desert cottontail, SPTO, HOOR, CAQU, ANHU, BHGR, LEGO, SOSP, ALHU, BGGN, LBVI\*, COHA (and juvie calls heard near mining pit), BUSH, DOWO, RSHA, western carpenter bee in Jimsonweed flower, B. vos on phacelia, YBCH\*, CA ground squirrel, monarch, cabbage white, dead brown rat in middle of trail (no trauma noted), OATI, western tiger swallowtail, Lorquin's admiral, KILL, WTSW, checkered skipper, NRWS, CLSW, western fence lizard, GBHE, YEWA, checkered white, gulf fritillary, mourning cloak, huge yellow garden spider

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

**Submitted By: Lauren Simpson**  
**Submitted Time: 07/22/2024 10:39 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	73°F	0-3 MPH	5 %
<b>End of Day</b>	10:37	85 °F	1-4 MPH	0 %

**Date Observed**

July 22, 2024

**Observer Name**

Lauren Simpson

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

no

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

**Additional Notes**

**Incidental Species Observed**

Cora, CALT, CAQU, bewr, CASJ, SPTO, WREN, RTHA, NUWO, RCPA, ANHU, WEFL, BUSH, YEWA, ACWO, CAKI, COHA, western toad, MODO, EUCD, western fence lizard, SAPH, BLPH, CA ground squirrel, HOFI, Cottontail, AMRO, coastal whiptail, BARS, WTSW, TUVU

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

**Submitted By: Carla Marriner**

**Submitted Time: 07/24/2024 12:18 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	72°F	1-3 MPH	30 %
<b>End of Day</b>	10:25	87 °F	1-3 MPH	0 %

**Date Observed**

July 24, 2024

**Observer Name**

Carla Marriner

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

no

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

NA

**Additional Notes**

**Incidental Species Observed**

CALT BEWR SOSP MODO CATH SPTO CASJ MODO ALHU HOFI CAQU NOMO RCPA COHA RTHA ACWO  
HOWR BHGR WREN YEWA KILL BLPH BUSH NUWO HUVI OATI Western swallowtail Gulf fritillary Western  
fence lizard Cottontail California ground squirrel Coastal whiptail

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

**Submitted By: Shelby Dunn**

**Submitted Time: 07/30/2024 6:11 PM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:55	63°F	0-1 MPH	0 %
<b>End of Day</b>	11:00	86 °F	0-2 MPH	%

**Date Observed**

July 29, 2024

**Observer Name**

Shelby Dunn

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

no

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

**Additional Notes**

**Incidental Species Observed**

ACWO BUSH NUWO CALT OATI ANHU BEWR CASJ SPTO AMCR DOWO RCPA MODO CAQU BHGR LEGO  
HOFI SOSP BGGN HOWR NOMO WEBL BLPH ATFL CAKI HUVI YEWA WEFL KILL NRWS ALHU fenced lizard  
Side blotched lizard Coyote Coastal whiptail

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**ATTACHMENT B**

Least Bell's Vireo Observation CNDDDB Submittal



*For Office Use Only*

Source Code: \_\_\_\_\_ Quad Code: \_\_\_\_\_  
Elm Code: \_\_\_\_\_ Occ No.: \_\_\_\_\_  
EO Index: \_\_\_\_\_ Map Index: \_\_\_\_\_

**Date of Field Work (mm/dd/yyyy):** \_\_\_\_\_

## California Native Species Field Survey Form

**Scientific Name:** \_\_\_\_\_

**Common Name:** \_\_\_\_\_

**Species Found?**

Yes No \_\_\_\_\_ If not found, why? \_\_\_\_\_

Total No. Individuals: \_\_\_\_\_ Subsequent Visit? Yes No

**Is this an existing NDDDB occurrence?** \_\_\_\_\_ No Unk.

Yes, Occ. # \_\_\_\_\_

Collection? If yes: \_\_\_\_\_

Number \_\_\_\_\_

Museum / Herbarium \_\_\_\_\_

**Reporter:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**E-mail Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

### Plant Information

Phenology: \_\_\_\_\_

% vegetative % flowering % fruiting

### Animal Information

# adults # juveniles # larvae # egg masses # unknown  
wintering breeding nesting rookery burrow site lek other

**Location Description (please attach map AND/OR fill out your choice of coordinates, below)**

County: \_\_\_\_\_ Landowner / Mgr: \_\_\_\_\_

Quad Name: \_\_\_\_\_ Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H M S GPS Make & Model: \_\_\_\_\_

**DATUM:** NAD27 NAD83 WGS84 Horizontal Accuracy: \_\_\_\_\_ meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 **OR** Geographic (Latitude & Longitude)

Coordinates: \_\_\_\_\_

**Habitat Description (plants & animals)** plant communities, dominants, associates, substrates/soils, aspects/slope:

**Animal Behavior** (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Please fill out separate form for other rare taxa seen at this site.

**Site Information** Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: \_\_\_\_\_

Visible disturbances: \_\_\_\_\_

Threats: \_\_\_\_\_

Comments: \_\_\_\_\_

**Determination:** (check one or more, and fill in blanks)

Keyed (cite reference): \_\_\_\_\_

Compared with specimen housed at: \_\_\_\_\_

Compared with photo / drawing in: \_\_\_\_\_

By another person (name): \_\_\_\_\_

Other: \_\_\_\_\_

**Photographs:** (check one or more)

Slide Print Digital

Plant / animal

Habitat

Diagnostic feature

May we obtain duplicates at our expense? yes no

Mail to:  
California Natural Diversity Database  
California Dept. of Fish & Wildlife  
P.O. Box 944209  
Sacramento, CA 94244-2090  
CNDDDB@wildlife.ca.gov

*For Office Use Only*

Source Code: \_\_\_\_\_ Quad Code: \_\_\_\_\_  
Elm Code: \_\_\_\_\_ Occ No.: \_\_\_\_\_  
EO Index: \_\_\_\_\_ Map Index: \_\_\_\_\_

**Date of Field Work (mm/dd/yyyy):** \_\_\_\_\_

## California Native Species Field Survey Form

**Scientific Name:** \_\_\_\_\_

**Common Name:** \_\_\_\_\_

**Species Found?**

Yes No \_\_\_\_\_ If not found, why? \_\_\_\_\_

Total No. Individuals: \_\_\_\_\_ Subsequent Visit? Yes No

**Is this an existing NDDDB occurrence?** \_\_\_\_\_ No Unk.

Yes, Occ. # \_\_\_\_\_

Collection? If yes: \_\_\_\_\_

Number \_\_\_\_\_

Museum / Herbarium \_\_\_\_\_

**Reporter:** \_\_\_\_\_

**Address:** \_\_\_\_\_

**E-mail Address:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

### Plant Information

Phenology: \_\_\_\_\_

% vegetative % flowering % fruiting

### Animal Information

# adults # juveniles # larvae # egg masses # unknown  
wintering breeding nesting rookery burrow site lek other

**Location Description (please attach map AND/OR fill out your choice of coordinates, below)**

County: \_\_\_\_\_ Landowner / Mgr: \_\_\_\_\_

Quad Name: \_\_\_\_\_ Elevation: \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H M S Source of Coordinates (GPS, topo. map & type): \_\_\_\_\_

T \_\_\_\_\_ R \_\_\_\_\_ Sec \_\_\_\_\_, \_\_\_\_\_ 1/4 of \_\_\_\_\_ 1/4, Meridian: H M S GPS Make & Model: \_\_\_\_\_

**DATUM:** NAD27 NAD83 WGS84 Horizontal Accuracy: \_\_\_\_\_ meters/feet

Coordinate System: UTM Zone 10 UTM Zone 11 **OR** Geographic (Latitude & Longitude)

Coordinates: \_\_\_\_\_

**Habitat Description (plants & animals)** plant communities, dominants, associates, substrates/soils, aspects/slope:

**Animal Behavior** (Describe observed behavior, such as territoriality, foraging, singing, calling, copulating, perching, roosting, etc., especially for avifauna):

Please fill out separate form for other rare taxa seen at this site.

**Site Information** Overall site/occurrence quality/viability (site + population): Excellent Good Fair Poor

Immediate AND surrounding land use: \_\_\_\_\_

Visible disturbances: \_\_\_\_\_

Threats: \_\_\_\_\_

Comments: \_\_\_\_\_

**Determination:** (check one or more, and fill in blanks)

Keyed (cite reference): \_\_\_\_\_

Compared with specimen housed at: \_\_\_\_\_

Compared with photo / drawing in: \_\_\_\_\_

By another person (name): \_\_\_\_\_

Other: \_\_\_\_\_

**Photographs:** (check one or more)

Slide Print Digital

Plant / animal

Habitat

Diagnostic feature

May we obtain duplicates at our expense? yes no



September 29, 2024  
(2023-005.07/006)

Mr. Allen Xie  
Los Angeles County Public Works  
Stormwater Engineering Division  
Via Email: AXie@dpw.lacounty.gov

**Subject: August 2024 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Mr. Xie,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in August 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through the end of August 2024.

## **SURVEY METHODS**

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.<sup>2</sup>

## **RESULTS**

Nine focused breeding season surveys for least Bell's vireo were conducted in August 2024. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

<b>Table 1. Weather Conditions During Surveys</b>									
<b>Date</b>	<b>Surveyors*</b>	<b>Time</b>		<b>Temperature (°F)</b>		<b>Cloud Cover (%)</b>		<b>Wind Speed (mph)</b>	
		start	end	start	end	start	end	start	end
08/02/24	TD	0645	1100	72	91	10	10	0	0-1
08/06/24	SS	0620	1050	70	83	30	0	0-1	1-3
08/09/24	CM	0620	1000	68	76	20	10	1-3	1-3
08/12/24	JC	0700	0930	67	77	0	0	1-3	1-3
08/16/24	SS	0630	1058	66	82	5	0	1-3	3-5
08/19/24	SS	0630	1100	66	83	0	0	0-2	1-3
08/22/24	CM	0625	1015	62	76	20	20	0-2	1-3
08/27/24	SD	0640	1040	62	81	0	0	0-1	0-1
08/30/24	SD	0650	1045	59	70	0	0	0-1	0-1

TD = Taylor Dee, SS= Shannan Shaffer, CM= Carla Marriner, JC = Jill Coumoutso, SD = Shelby Dunn

No least Bell's vireos or brown-headed cowbirds were observed by Designated Biologists during the August 2024 breeding season surveys.

## **DISCUSSION**

Nine focused breeding season surveys for least Bell's vireo were conducted in August 2024. No observations of least Bell's vireo were made during the focused breeding season surveys.

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

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

Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

If you have any questions regarding the contents of this letter report, please contact me at (619) 455-1134 or [cgarcia@ecorpconsulting.com](mailto:cgarcia@ecorpconsulting.com).

SIGNED: \_\_\_\_\_

Caroline Garcia  
Staff Biologist  
ECORP Consulting, Inc.  
111 Academy Way, Suite 210  
Irvine, CA 92617

DATE: September 29, 2024

**Attachments:**

Attachment A: Survey Datasheets

**ATTACHMENT A**

Survey Datasheets

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

**Submitted By: Taylor Dee**  
**Submitted Time: 08/02/2024 11:00 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:45	72°F	0 MPH	10 %
<b>End of Day</b>	11:00	91 °F	0-1 MPH	10 %

**Date Observed**

August 2, 2024

**Observer Name**

Taylor Dee

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

n/a

**Additional Notes**

Bird activity low

**Incidental Species Observed**

NUWO, BEWR, HOFI, MODO, ACWO, WREN, CAQU, BUSH, AMCR, SPTO, CALT, desert cottontail, NRWS, CSJA, SOSA, OCWA, WIWA, ALHU, RCPA, YEWA, HUVI, California ground squirrel, WTSW, BGGN, KILL, EUST, GBHE, LEGO, BLPH, HOOR, CLSW, western fence lizard, Western tiger swallowtail, yellow bumblebee, CATH, coastal whiptail, Western side-blotched lizard

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

**Submitted By: Shannan Shaffer**  
**Submitted Time: 08/06/2024 10:58 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:20	70°F	0-1 MPH	30 %
<b>End of Day</b>	10:50	83 °F	1-3 MPH	0 %

**Date Observed**

August 6, 2024

**Observer Name**

Shannan Shaffer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

**Locations**

**Additional Notes**

**Incidental Species Observed**

ACWO, MODO, CALT, coyote, NUWO, CAQU, LEGO, HOFI, CASJ, CLSW, RCPA, SOSP, NRWS, KILL, drsert cottontail, western fence lizard, BLPH, common side-blotched lizard, BUSH, ANHU, CA ground squirrel, OATI, BGGN, CORA, RTHA, ALHU, CAKI, BEWR, COHA, WREN, western toad



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

**Submitted By: Carla Marriner**

**Submitted Time: 08/09/2024 11:01 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:20	68°F	1-3 MPH	20 %
<b>End of Day</b>	10:00	76 °F	1-3 MPH	10 %

**Date Observed**

August 9, 2024

**Observer Name**

Carla Marriner

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

NA

**Additional Notes**

**Incidental Species Observed**

ACWO MODO ALHU BEWR BUSH CALT DEJU WREN CORA LEGO SOSP NUWO RCPA YEWA SPTO BLPH  
RTHA ALHU BHGR HOOR HOFI California ground squirrel Coastal whiptail cottontail Western fence lizard

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

**Submitted By: Jill Coumoutso**  
**ubmitted Time: 08/13/2024 4:07 PM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	07:00	67°F	1-3 MPH	0 %
<b>End of Day</b>	09:30	77 °F	1-3 MPH	0 %

**Date Observed**

August 12, 2024

**Observer Name**

Jill Coumoutso

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

**Locations**

**Additional Notes**

**Incidental Species Observed**

CALT BUSH CASH MODO ANHU CAQU OCWA ACWO LEGO SPTO BEWR BLPH SOSP NUWO ALHU YWAR  
BGGN EUCD OATI COHA BHGR HOOR HOFI CATH CORA Western fence lizard Side botched lizard Desert  
cottontail California ground squirrel

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

**Submitted By: Shannan Shaffer**  
**Submitted Time: 08/16/2024 10:59 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:30	66°F	1-3 MPH	5 %
<b>End of Day</b>	10:58	82 °F	3-5 MPH	0 %

**Date Observed**

August 16, 2024

**Observer Name**

Shannan Shaffer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

**Locations**

**Additional Notes**

**Incidental Species Observed**

CAQU, CASJ, coyote, MODO, ACWO, RCPA, ROPI, NUWO, LEGO, BLPH, desert cottontail, CALT, CORA, ANHU, CLSW, NRWS, KILL, HOFI, SAPH, Eastern fox squirrel, BUSH, western fence lizard, common side-blotched, ALHU

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

**Submitted By: Shannan Shaffer**

**Submitted Time: 08/19/2024 11:04 AM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:30	66°F	0-2 MPH	0 %
<b>End of Day</b>	11:00	83 °F	1-3 MPH	0 %

**Date Observed**

August 19, 2024

**Observer Name**

Shannan Shaffer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

**Locations**

**Additional Notes**

**Incidental Species Observed**

RCPA, CALT, BUSH, ACWO, MODO, CAQU, HOFI, SPTO, LEGO, BLPH, desert cottontail, CASJ, CORA, ANHU, BEWR, CAKI, BGGN, western fence lizard, I

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

**Submitted By: Carla Marriner**

**Submitted Time: 08/22/2024 12:32 PM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:25	62°F	0-2 MPH	20 %
<b>End of Day</b>	10:15	76 °F	1-3 MPH	20 %

**Date Observed**

August 22, 2024

**Observer Name**

Carla Marriner

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

NA

**Additional Notes**

**Incidental Species Observed**

MODO CAQU NUWO BUSH ANHU CALT CASJ SPTO CATH BEWR LEGO NOMO RTHA CORA ALHU  
SOSP HOFI KILL ROPI BGGN CAKI RCPA Western fence lizard Desert Cottontail

**Least Bell's Vireo Log for Devils Gate (Environmental Conditions)**  
**Submitted By: Shelby Dunn**  
**Submitted Time: 08/27/2024 10:48 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:40	62°F	0-1 MPH	0 %
<b>End of Day</b>	10:40	81 °F	0-1 MPH	0 %

**Date Observed**  
August 27, 2024

**Observer Name**  
Shelby Dunn

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**  
No

**Note:**

**Number of Brown Headed Cowbird Observations**  
0

**Locations**  
N/A

**Additional Notes**

**Incidental Species Observed**  
ACWO OATI CASJ MODO AMCR BEWR SOSP ANHU NUWO ALHU CALT BLPH CAQU BGGN RSHA HOFI  
WREN CATH HOOR SPTO NOMO KILL WTSW BARS MALL YEWA BUSH OCWA DEJU NAWA LEGO CAKI  
HOOR Side blotched lizard Tiger swallowtail Morning cloak

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

**Submitted By: Shelby Dunn**

**Submitted Time: 08/30/2024 11:01 AM**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:50	59°F	0-1 MPH	0 %
<b>End of Day</b>	10:45	70 °F	0-1 MPH	0 %

**Date Observed**

August 30, 2024

**Observer Name**

Shelby Dunn

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

N/A

**Additional Notes**

**Incidental Species Observed**

ACWO OATI CASJ MODO AMCR BEWR SOSP ANHU NUWO ALHU CALT CAQU BGGN RSHA HOFI WREN  
CATH HOOR SPTO KILL WTSW BARS MALL BUSH OCWA DEJU LEGO EUST RCPA HUVI Side blotched lizard  
Tiger swallowtail California ground squirrel



October 18, 2024  
(2023-005.07/006)

Mr. Allen Xie  
Los Angeles County Public Works  
Stormwater Engineering Division  
Via Email: AXie@dpw.lacounty.gov

**Subject: September 2024 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California**

Dear Mr. Xie,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in September 2024 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May 28, 2024. Between June 4 and July 9, 2024, preconstruction LBV surveys were conducted to accommodate the initiation of sediment removal activities scheduled for July 10, 2024. The results of the 2024 preconstruction surveys were negative and are presented under a separate cover.

Twice-weekly least Bell's vireo surveys per Section 7 began on July 15 after preconstruction least Bell's vireo surveys were completed, and sediment removal activities were initiated. Twice-weekly least Bell's vireo surveys continued through September 15, 2024.



## **SURVEY METHODS**

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.<sup>1</sup> Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.<sup>2</sup>

## **RESULTS**

Two focused breeding season surveys for least Bell's vireo were conducted during September 2024. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

<b>Table 1. Weather Conditions During Surveys</b>									
<b>Date</b>	<b>Surveyors*</b>	<b>Time</b>		<b>Temperature (°F)</b>		<b>Cloud Cover (%)</b>		<b>Wind Speed (mph)</b>	
		start	end	start	end	start	end	start	end
09/4/24	SS	0630	1100	78	92	0	0	0-2	3-5
09/11/24	CM	0635	1020	60	74	20	0	0-2	1-3

SS= Shannan Shaffer, CM= Carla Marriner

No least Bell's vireos or brown-headed cowbirds were observed by Designated Biologists during the September 2024 breeding season surveys.

## **DISCUSSION**

Two focused breeding season surveys for least Bell's vireo were conducted in September 2024. No observations of least Bell's vireo were made during the focused breeding season surveys. September 15, 2024 marked the end of the 2024 breeding season. No breeding least Bell's vireos were documented at the Project site during the 2024 season.


Weekly focused breeding season surveys for least Bell's vireo will resume in March 2025 to support ongoing habitat restoration activities occurring at the Project site.

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

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

If you have any questions regarding the contents of this letter report, please contact me at (619) 455-1134 or [cgarcia@ecorpconsulting.com](mailto:cgarcia@ecorpconsulting.com).

SIGNED:   
\_\_\_\_\_  
Caroline Garcia  
Staff Biologist  
ECORP Consulting, Inc.  
111 Academy Way, Suite 210  
Irvine, CA 92617

DATE: October 18, 2024

**Attachments:**

Attachment A: Survey Datasheets

**ATTACHMENT A**

Survey Datasheets

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

**Submitted By: Shannan Shaffer**  
**ubmitted Time: 09/04/2024 5:46 PM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:30	78°F	0-2 MPH	0 %
<b>End of Day</b>	11:00	92 °F	3-5 MPH	0 %

**Date Observed**

September 4, 2024

**Observer Name**

Shannan Shaffer

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

**Locations**

**Additional Notes**

Low bird activity

**Incidental Species Observed**

RCPA, CALT, ACWO, BUSH, NUWO, HOFI, LEGO, ANHU, BLPH, CAKI, western fence lizard, common side blotched, desert cottontail, CORA, CAQU, BEWR, CASJ

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

**Submitted By: Carla Marriner**  
**Submitted Time: 09/11/2024 1:28 PM**

	<b>Time</b>	<b>Temperature (°F)</b>	<b>Wind Range (MPH)</b>	<b>Cloud Cover (%)</b>
<b>Start of Day</b>	06:35	60°F	0-2 MPH	20 %
<b>End of Day</b>	10:20	74 °F	1-3 MPH	0 %

**Date Observed**

September 11, 2024

**Observer Name**

Carla Marriner

**Other Observers (if present):**

**Were Least Bell's Vireo Observed**

No

**Note:**

**Number of Brown Headed Cowbird Observations**

0

**Locations**

**Additional Notes**

Bird activity was low during the survey.

**Incidental Species Observed**

BUSH CALT CASJ CORA ACWO HOFI LEGO BEWR MODO NOMO RTHA CAKI ANHU ALHU CAQU  
California ground squirrel Cottontail Western fence lizard



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: A. Dorough**  
**Company: ECORP**  
**Date of Log: July 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	62 °F	0-3 MPH	0 %
End of Day	11:30	81 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Install of construction trailers

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

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

**List of species observed while monitoring:**

GBHE, RTHA, WTSW, HOSP, NRWS, RUDU, HOFI, BLPH, CALT, Desert cottontail, MALL, CANG, AMCR, KILL, Western toad, SAPH, California ground squirrel

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

**Log Entry**

0700 Met Lauren (ECORP) and Johnathan (Ames) on site and discussed the plan for the day. Clearance sweep of work area.

0800 Trailer delivery arrives. I escort the delivery and monitor the drop off

0900 One worker, Guillermo, begins installing the foundation and stairs of the trailer

1045 Guillermo done for the day, departs site. I perform a final sweep for nesting birds and other biological concerns.

None observed.

1130 Depart site.

**Additional Comments**

No juvenile MALL or KILL observed during monitoring

**Signature**

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



**photo\_1-trailer\_install\_in\_progress.jpg**  
-118.17391111111111 34.186575



**photo\_2-trailer\_install\_complete\_for\_day.jpg**  
-118.17350833333334 34.18653888888888



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: A. Dorough**  
**Company: ECORP**  
**Date of Log: July 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	61 °F	0-3 MPH	80 %
End of Day	12:15	80 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Installation of project trailers, examine erosion areas with Los Angeles County Department Public Works (LACDPW)

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

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

**List of species observed while monitoring:**

MALL, GBHE, HOFI, NRWS, CLSW, California ground squirrel, CANG, BLPH, RTHA, RUDU, CORA, GREG, CAKI, NOMO, Desert cottontail, Western toad, Western fence lizard

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

**Log Entry**

0650 arrive on site, meet Guillermo. Clearance sweep of work area.

0700 three people from LACDPW arrive on site. They will be involved in ESA fence installation. I give them a WEAP. They depart site.

0740 observe one MALL duckling in reservoir with mom and other females

0840 a different group of people from LACDPW arrive on site.

0915 provide WEAP training to five additional LACDPW staff. They are here to inspect the Alta Dena drainage and other areas of erosion.

0930 I escort LACDPW crew to various viewpoints around the Alta Dena drain and the area of erosion that is north of Alta Dena drain.

1000 Guillermo done with trailer installation. He departs site.

1115 LACDPW crew done with their inspection. They depart site. I walk the bridge to scan the reservoir for nesting birds and other biological resources. None observed.

1215 depart site.

**Additional Comments**

N/A

**Signature**





**photo\_1-trailer\_install\_during.jpg**  
-118.17385833333334 34.186388888888885



**photo\_2-trailer\_install\_complete.jpg**  
-118.1832 34.184491666666666



photo\_3-water\_level\_beginning\_of\_day.jpg  
-118.17361111111111 34.18671388888889

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: July 10, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	0 %
End of Day	15:20	95 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Site set up, moving equipment/materials, trenching
2. Dozer, mini excavator, telehandler lift
3. Ames

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

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

**List of species observed while monitoring:**

KILL, COYE, YEWA, CALT, SPTO, ALHU, SOSPO, LEGO, CASJ, BLPH, MALL, BARS, CLSW, RAHA, CORA, MODO, CITE, BEWR, NUWO, HOFI, ACWO, TUVU, RCSP, Western toad, Coastal whiptail, California ground squirrel, Western fence lizard, Desert cottontail

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

**Log Entry**

0630- on site

0645- Lauren gave WEAP to six Ames crew

0700- crew plans to get power and water hooked up to trailers located in staging area. D8 to be brought in through the north gate at some point. Begin surveying area surrounding staging area for nesting birds.

0730- crew on site connecting electrical for trailers.

0930- Lauren departs site. Crew connecting segments of temporary water pipe, dragging north along road connecting the two staging areas.

1015- D8 arrives at north gate.

1040- begin escorting D8 on dirt path along mitigation area. Moves down ramp on north side of Johnson field down into the basin

1115- dozer parked in north staging area.

1130- crew took lunch.

1200- return to work. Continuing to connect segments of pipe.

1215- crew trenching across road to bury water pipe on north side of north staging area.

1320- finish backfilling first section of trench.

1515- complete backfill of trench with buried water pipe.

1520- end work. Depart site

**Additional Comments**

N/A

Signature

CW



photo\_1-staging\_materials\_facingN.jpg  
-118.17403066666667 34.18621104444444





**photo\_2-dozer\_delivery\_facingNE.jpg**  
-118.16753991944445 34.19846961111111



**photo\_3-burying\_water\_pipe\_facingN.jpg**  
-118.17312034444446 34.18733314999999



**photo\_4-flood\_basin\_facingW.jpg**  
-118.17381536111111 34.18647465833333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: July 11, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	68 °F	0-3 MPH	5 %
End of Day	15:00	92 °F	0-3 MPH	70 %

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

Construction Monitoring

**Construction Activity:**

1. Installing water pipe
2. 1 dozer, 1 mini excavator, shovel
3. Ames

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

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

**List of species observed while monitoring:**

RTHA, KILL, NOMO, ANHU, BLPH, RCPA, MALL, BARS, CORA, HOFI, Western toad, Tiger swallowtail, Carpenter bed, Western honey bee, CAQU, SPTO, California ground squirrel, CASJ, CALT, NRWS

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

**Log Entry**

0600 arrived onsite.  
0630 attended crew tailboard meeting. Gave WEAP training to 1 new worker.  
0700 surveyed work area.  
0839 monitored mini excavator digging trench near restoration areas.  
0959 crew breaks.  
1015 forklift starts up to take pipes down to the area where they will be put together.  
1030 mini excavator starts digging in basin.  
1130 crew breaks for lunch.  
1205 crew returns from lunch.  
1416 dozer starts up to start backfilling trench in basin.  
1444 dozers heads in for the day.  
1500 left site

**Additional Comments**

N/A

**Signature**







MiniExcavator\_digging\_trench\_facingE.jpg



Trench\_in\_basin\_facingW.jpg



Dozer\_backfill\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: July 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	67 °F	0-3 MPH	100 %
End of Day	15:00	85 °F	4-6 MPH	60 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal, Setting up work area
2. CAT-303 mini excavator, shovels, Forklift,
3. Ames, Manny (Foreman)

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

Yellow warbler

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

**List of species observed while monitoring:**

California Bumble Bee, Western Honeybee, Dragonfly sp., Cloudless Sulphur, Cabbage White, Monarch, Red Admiral Western Toad, Coastal Whiptail, Common Side-blotch, Western Fence Lizard YEWA, CALT, CASJ, SPTO, KILL, WTSW, ANHU, CAQU, BUSH, AMRO, NRWS, MALL, BEWR, HOFI, AMCR, NUWO, RSHA, Amazonia sp., CLSW, LEGO, SOSP, SAPH, BHGR, GBHE, BARS, BLPH, CATH, CORA, RTHA, MODO, CAKI, OATI, Coyote, Domestic Horse, California Ground Squirrel

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

**Log Entry**

0600- Arrived on site.

0613- Heard YEWA vocalizing in the western portion of the Project Site.

0630- Attended tailboard meeting. Crew is expecting to get an excavator, container, and water tank today. They are also going to continue trenching from yesterday.

0700- Crew started work.

0727- Provided WEAP training to three new crew members.

0736- Water tank has arrived on site.

0902- Container arrived on site. The crew is still digging trench in the basin.

1000- Went to go escort excavator to parking spot.

1100- Finished escorting excavator back to the basin.

1130- Crew stopped for lunch.

1200- Crew resumed work after lunch.

1327- Crew is still working.

1500- Crew finished for the day.

**Additional Comments**

N/A

**Signature**



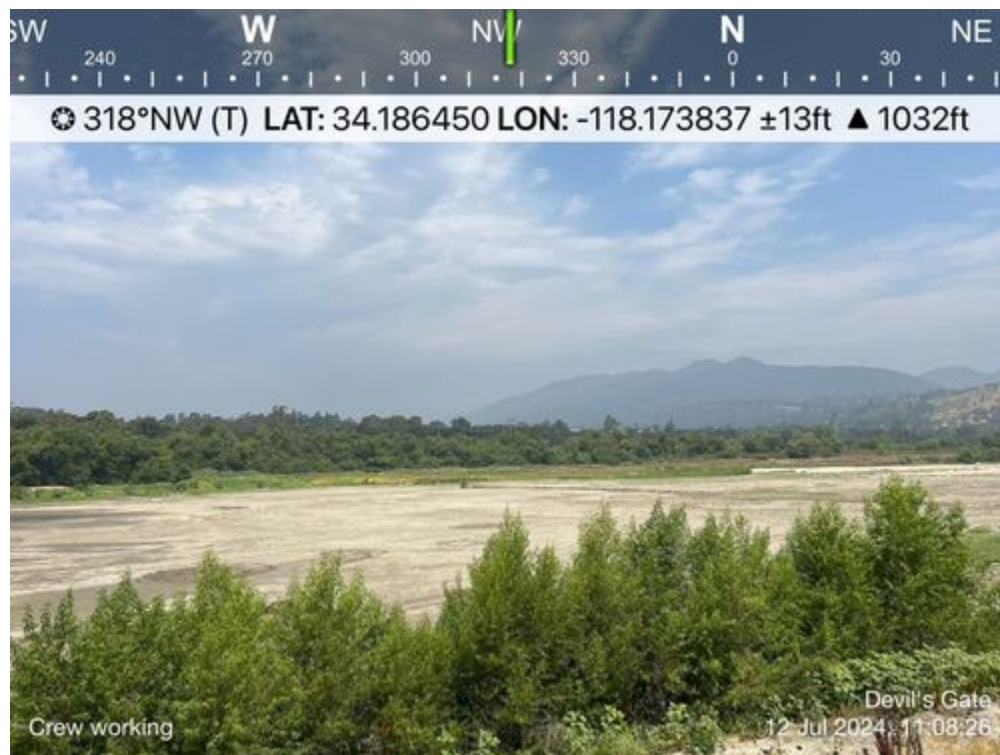




Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg



Crew\_working.jpg



Crew\_working\_2.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: July 15, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	62 °F	0-3 MPH	20 %
End of Day	14:50	87 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Excavating, grading
2. D8 dozer, excavator, telehandler lift, pipe sealer
3. Ames

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

Yellow warbler

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

**List of species observed while monitoring:**

BLPH BGHE KILL SOSP YEWA CALT LEGO SNEG SPTO BUSH CLSW ALHU RCPA BARS MALL RTHA RSHA  
coastal whiptail, western fence lizard, California ground squirrel, Desert cottontail

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

**Log Entry**

0605- On site

0630- Tailboard. Plan to clear ramps for water truck access and begin pushing material in basin.

0700- Finish WEAP for one crew member. Excavator moving in staging area, 24" pipe sealer being delivered in S staging area.

0730- Spraying down ramp in N staging area for dozer access to the basin.

0800- Complete survey of area where dozer will be running. No sensitive biological resources observed. Monitor construction of pad for water tower in S staging area.

0845- D8 moves into basin. Tracking over to S access ramp to begin clearing

0915- Dozer starts pushing dirt to stockpile for hauling at S end of basin.

1000- Gave a WEAP to one crew member.

1020- Spoke to Manny about grading access ramp and road across Alta dena drain channel. Allowed to work in ponded water. Not connected to any flowing channel. Will need to make road level to stream bed or install low flow channel.

1030- 24" pipe sealer tracked down to basin below N staging area, sections of pipe being fused.

1040- Monitor removal of old water hose in N staging area, connection located just inside restoration area.

1105- Lift placing pipe for low flow crossin below S access ramp.

1130- Crew lunch.

1200- Dozer resumes pushing material in S basin

1240- Spoke with superintendent. The dozer will continue stockpiling to dry out sediment. The dozer will not run in running water.

1310- Reshaping water tower pad with excavator.

1325- Water truck enters the basin.

1450- Equipment exiting basin.

1455- Depart site

**Additional Comments**

N/A



Signature

A handwritten signature in black ink, consisting of a stylized 'M' or 'W' shape with a vertical line on the right side.

photo\_1-water\_tower\_pad\_construction\_and\_equipment\_unload\_facingS.jpg  
-118.17352088888889 34.18673416666666



photo\_2-dozer\_grading\_staging\_area.jpg  
-118.17369444444445 34.186534744444444



photo\_3-dozer\_push\_in\_basin\_facingNW.jpg  
-118.17423488055556 34.18630643333333





photo\_4-low\_flow\_crossing\_installation\_facingNW.jpg  
-118.17444023611111 34.185940563888884

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: July 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Ground-moving, grading, created pad for water tower, dug trench in staging area for water pipe
2. 1 forklift, 1 excavator, 1 water truck, 1 dozer, 1 grader
3. Ames crew

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

Yellow warbler

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

**List of species observed while monitoring:**

KILL RCPA YEWA BLPH CALT NRWS OATI AMCR BUSH MALL RSHA

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

**Log Entry**

0600 arrived on site.

0630 attended tailboard meeting.

0645 conducted pre-con sweep of work area. No nests or wildlife in the work area.

0650 forklift operator smoothing out staging area.

0700 dozer entered basin, started grading in southern portion of basin.

0750 met up with LACPW surveyors to discuss their work plan. They'll mostly be working in unvegetated areas.

Returned to basin to monitor dozer, will keep an eye on where the surveyors are working.

0845 surveyor entered basin and started working at the toe of the southeast slope.

0900 grader smoothing out road across basin, followed by water truck.

0920 dozer went back to staging area, monitored trench excavation in staging area.

1130 crew finished refilling the trench.

1130-1200 lunch.

1200 monitored dozer and grader in south basin.

1500 crew finished work for the day. Left site.

**Additional Comments**

N/A

**Signature**





**20240716\_earthmoving\_facingE.jpg**  
-118.17509780555557 34.186696125



**20240716\_gradingroad\_facingW.jpg**  
-118.17491488888889 34.186784027777776





20240716\_watertower\_facingNW.jpg



20240716\_southbasinEOD\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: July 17, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	65 °F	0-3 MPH	65 %
End of Day	15:15	89 °F	0-3 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. ESA fencing installation, grading
2. 1 water truck, 1 dozer, 1 blade, 1 forklift, 1 excavator, handtools
3. Ames. (Manny foreman. Kevin project manager)

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

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

**List of species observed while monitoring:**

MODO, RCPA, KILL, California ground squirrel, BUSH, CASJ, NOMO, BEWR, SPTO, HOFI, MALL, NRWS, ANHU, CORA, BLPH, COHA, RSHA, CANG, western road, rattlesnake sp., coastal whiptail, BGGN, side blotched lizard, ACWO, TUVU

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

**Log Entry**

0605 arrived onsite.

0630 attended crew tailboard meeting. Gave a WEAP training to three new members

0703 Manny (Ames) informs me ESA fencing will be starting to go up on the SW side of reservoir.

0721 ESA stakes start being put in.

0811 Connex is delivered to the west side of the reservoir

0927 talked with Kevin (Ames) about plans for starting road going towards the back of the reservoir. He wants the surveyors to put up the rest of the ESA limit stakes first. He asks about exclusion areas and ESA fencing around them.

0945 I talk with Lauren (ECORP) to determine where ESA fencing should be placed within exclusion areas.

0958 Lauren (ECORP) instructs me to pause areas around exclusion areas until firm decision is made.

1013 rock delivered begin, making piles in the western side of reservoir next to the connex

1020 Reminded Manny (Ames) about having to get dirt out of framing that accidentally fell in on Monday.

1038 excavator removes fallen dirt in drainage.

1051 Lauren (ECORP) notifies me of county decision of waiting on EMA areas and putting up ESA fencing elsewhere for today

1110 I notify Manny (Ames) of decision and show him where the EMA area on the west side of the reservoir ends and where he can start setting up the ESA fence

1130 crew breaks for lunch.

1200 crew returns

1230 two-man crew starts putting up ESA fencing on northern side of reservoir

1248 crew member, observes rattlesnake, heading into restoration area

1435 ESA fencing is done for the day. Crew will continue on tomorrow.

1442 machines start heading in for the day

1500 all machines return to staging area

1515 left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of several overlapping loops and a long horizontal stroke.

Start\_of\_day\_facingNW.jpg





Connex\_delivery\_facingN.jpg



ESA\_fencing\_stakes\_facingS.jpg



End\_of\_day\_facingSW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: July 18, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:05	68 °F	0-3 MPH	30 %
End of Day	15:00	87 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Grading, excavating
2. Excavator, dozer, telehandler lift
3. Ames, LACPW

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

Yellow warbler

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

**List of species observed while monitoring:**

KILL RSHA SPTO CALT YEWA HOFI MODO BLPH SAPH COHA CLSW BARS CORA DEJU BUSH MALL BEWR  
COYE, coastal whiptail, western fence lizard, western toad, cottontail, California ground squirrel

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

Dozer cut through flowing stream channel in southern basin. Work halted in the area, informed foreman and project manager

**Log Entry**

0705- on site. Dozer working in previously disturbed area in south end of basin. Crew in SW section setting up weigh station and tire wash.

0735- meet with Ames and LACPW about washed out slope in EMA on east side of basin.

0810- check on ESA fence installation in NW end of basin. Fence line partially staked out already. Will need it marked out to the south.

0850- finish one WEAP training for Ames foreman.

0945- county surveyors on site staking ESA fence limits and project boundary. Working from NE to SE.

1015- dozer observed working in flowing water in south basin. Water coming from Flint wash in SW corner. Informed foreman to have dozer move out of the area. Informed project manager of non-compliance.

1033- told foreman to keep equipment out of the area until further notice while proper parties are notified, and corrective actions decided upon.

1130- crew lunch

1200- resume work. Dozer working north of wetted areas. Continued setup of weight station. Survey crew continue to work south on the east side of the basin.

1350- excavator trenching to install tire wash station in SW corner.

1415- check ESA fence installation. Still working in NW corner. Will continue across to NE corner the following day

1450- equipment returning to staging area

1500- depart site

**Additional Comments**

N/A

**Signature**





**photo\_1-weigh\_station\_setup\_facingN.jpg**  
-118.17672656944445 34.187598880555555



**photo\_2-dozer\_stockpiling\_facingW.jpg**  
-118.17379315277778 34.18669681944444





photo\_3-washed\_out\_slope\_in\_EMA\_facingE.jpg  
 -118.1733967777778 34.18831205555555



photo\_4-altered\_stream\_channel\_facingSSW.jpg  
 18 Jul 2024, 10:44:50

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: July 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:11	68 °F	0-3 MPH	5 %
End of Day	14:56	94 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Grading
2. D8, excavator, Blade
3. Manny (foreman)

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

Yellow warbler

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

**List of species observed while monitoring:**

Dragonfly sp., Yellowjacket, Cabbage White, Cloudless Sulphur, Western Honeybee, Blue sp., Monarch, Mourning Cloak, Red Admiral, Swallowtail sp. Coastal Whiptail, Western Toad, KILL, YEWA, HOFI, RSHA, SPTO, WTSW, CASJ, BHGR, NUWO, OATI, SOSP, ALHU, Amazona sp., CORA, NRWS, SAPH, BEWR, CALT, CAQU, MALL, BLPH, ANHU, RTHA, BGGN, BUSH, ECDO, MODO, ATFL, AMCR, LEGO, WREN, NOMO California ground squirrel, Peromyscus sp., Desert cottontail

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

**Log Entry**

0600- Arrived on site.

0623- Heard YEWA vocalizing from the western portion of the reservoir.

0630- Attended tailboard meeting.

0645- Crew started work. They are working on the EMA fencing and grading activities throughout the reservoir.

0930- Crew began blazing towards the northern end of the project site. Also monitored minor vegetation removal along the new road.

1100- Two new dump trucks arrived on site.

1130- Crew stopped for lunch.

1200- Crew resumed work after lunch.

1351- Crew is still working.

1456- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_starting\_work.jpg



Crew\_finished\_for\_the\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: July 22, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	69 °F	0-3 MPH	15 %
End of Day	15:00	94 °F	7-9 MPH	1 %

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

Construction Monitoring

**Construction Activity:**

1. Piling dirt in the south basin and hauling dirt to the east side, mid-basin
2. 1 excavator, 1 dozer, 1 grader, 1 water truck, 2 haul trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

KILL, MALL, AMCR, RCPA, NRWS, GBHE, WREN, RSHA, BLPH, SPTO, CASJ Coastal whiptail

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

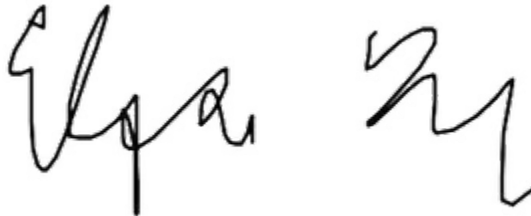
**Log Entry**

0600 arrived on site. Conducted pre-con sweep of staging area, no wildlife in the work area.  
0630 attended tailboard meeting.  
0645 provided WEAP training to 7 new crew members.  
0700 monitored work in the basin.  
1130-1200 lunch.  
1200 continued monitoring work in the basin.  
1330 checked EMA stakes, ensured no work had occurred within EMAs.  
1400 checked progress of fencing crew - reached about mid-basin, started at the northern end this morning.  
1500 crew finished work for the day. Left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to read 'Eliza McLean', written in a cursive style.



20240722\_westsideworkarea\_facingSW.jpg



20240722\_loadinghaultruck\_facingN.jpg





20240722\_dumpingdirt\_facingNE.jpg



20240722\_workarea\_end\_of\_day\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: July 23, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	70 °F	0-3 MPH	5 %
End of Day	15:06	92 °F	7-9 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1. Piling dirt in south of basin, hauling dirt to east side and grading; fence installation
2. 2 haul trucks, 1 excavator, 1 dozer, 1 water truck, 1 mini-excavator, 1 grader
3. Ames crew

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

Yellow warbler

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

**List of species observed while monitoring:**

KILL, BLPH, CALT, WREN, COYE, YEWA, NRWS, AMCR, RSHA side-blotched lizard, coastal whiptail, western toad

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

**Log Entry**

0600 arrived on site. Conducted pre-con sweep.

0630 attended tailboard meeting.

0700 monitored grading, dirt hauling, and fence installation.

1100 confirmed with crew that fencing should go in front of exclusion areas, not behind.

1130-1200 lunch.

1200 talked with dozer operator about staying out of wet areas. Continued monitoring dirt hauling and fence installation in the basin.

1430 monitored while dozer cleared road from staging area into basin.

1500 crew finished work for the day. Left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to read 'Eliza McLean', written in a cursive style.



20240723\_westsideworkarea\_facingS.jpg



20240723\_grading\_facingNW.jpg





20240723\_southworkarea\_facingNE.jpg



20240723\_accessroadwithpipe\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: July 24, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	70 °F	0-3 MPH	10 %
End of Day	15:01	94 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Moving wet sediment from southern end of reservoir to the north, install fencing around EMAs, digging low flow trench along a portion of the eastern EMA
2. 2 Excavators, 2 rock trucks, bull dozer, motor grader, water truck
3. Ames construction crew, foreman Kevin, project manager Johnathan

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

Yellow warbler

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

**List of species observed while monitoring:**

YEWA, CASJ, BARS, KILL, BEWR, BLPH, ANHU, AMCR, SOSP, MALL, MODO, CALT, monarch, mosquitofish, western toad, western fence lizard, coastal whiptail, California ground squirrel

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

**Log Entry**

0600 Arrived on site. Heard a YEWA calling from tree canopy southwest of reservoir.

0630 Attended safety tailboard meeting. All members of the crew had already been WEAP trained.

0700 Work begins in the reservoir. A bulldozer works to build out a new road for trucks to drive down. Excavator loads two rock trucks full of sediment and rock trucks dump the sediment further up north.

0745 Two crew members work to put up orange fencing around EMA in the northwest portion of the basin.

1005 Dozer begins moving wet sediment through a wetted area of the reservoir but does not drive through the flowing water of Flint Wash.

1230 A second excavator enters the reservoir and begins digging out a low flow channel along the interior edge of the eastern EMA. The area was cleared beforehand by the biologist.

1340 Second excavator finishes for today but will continue digging out the low flow channel tomorrow.

1400 A rock truck dumps a load of material in front of the water tank in the staging area and the motor grader makes a pad for the water trucks to drive on.

1450 All equipment begins to drive out of the reservoir for the day.

1500 All equipment is out of the reservoir and biologist departs site.

**Additional Comments**

N/A

**Signature**





**RoadCutForTrucks\_before\_facingW.jpg**  
-118.173658 34.18677177222222



**RoadCut\_during\_facingSE.jpg**  
-118.17409831666667 34.18721294444444





**ExcavatorLoadingSediment\_facingW.jpg**  
-118.17409733333334 34.18720431111111



**RoadCut\_after\_facingW.jpg**  
-118.17354973611111 34.18679541388889

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Harris**  
**Company: ECORP**  
**Date of Log: July 25, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:43	72 °F	0-3 MPH	0 %
End of Day	14:56	96 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal and drying, ESA fence installation and installation of tire wash.
2. One D8T dozer, one 14M3 blade, two 730 haul trucks, two water trucks and one excavator.
3. Ames; approximately 15 workers including foreman Kevin.

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

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

**List of species observed while monitoring:**

COHA, MALL, KILL, California toad, western fence lizard, CORA, CASJ

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

**Log Entry**

0543: Arrived on site at staging area.

0600: Spoke to Kevin (Ames; foreman) who stated he'd be the point of contact not Manny.

0600-0630: Swept the access road to the basin and primarily near the dam.

0630-0650: Attended tailboard near project trailers. Gave a WEAP training to two new workers.

0700: Crew began mobilizing equipment to basin.

0732-0930: Monitored earth work. Switched between monitoring the D8T dozer and 14M3 blade.

0930-1030: Informed Kevin that the ESA fencing on the east side isn't placed correctly. The fence is placed outside the side slopes rather than the EMA area.

Informed the ESA fence laborers of the issue. Showed one laborer where the fence should be placed and pointed out the stakes that have "ESA Fence Limit" on them. Informed dozer operator in the area of fence discrepancy and clarified his actual boundary. Flagged off the created access road so construction personnel wouldn't use it. Informed Kevin of the flagging and asked to relay the information to his crew.

1030-1100: Showed Kevin and both laborers where the fence should be. Kevin stated they had other items to handle but they'd finish it after lunch.

1130: Lunch.

1150: Return from lunch.

1200-1330: Continued to monitor earth work. Switched between the D8T dozer and 14M3 blade.

1356: Departed the site.

**Additional Comments**

N/A

**Signature**







D8T\_dozer\_moving\_sediement.jpg



Flagged\_off\_road\_within\_EMA.jpg



Blade\_working\_within\_basin.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: A. Dorough**  
**Company: ECORP**  
**Date of Log: July 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	0 %
End of Day	15:00	92 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Road cutting/forming, sediment transport, fence repair, getting basin to grade

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

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

**List of species observed while monitoring:**

Coyote, swallow sp., desert cottontail, AMCR, parrot sp., side-blotched lizard, coastal whiptail, CALT, COHA, NOMO, CASJ, hummingbird sp., RTHA, LEGO, MALL, California ground squirrel, western toad

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

**Log Entry**

0600 arrive on site, clearance sweep of access roads

0630 tailboard. Remind crew to stay within ESA fence and to call me for any vegetation disturbance. Potentially some new workers coming next week, that will need WEAP.

0655 Equipment mobilizing to basin

0700 continue sweeping around perimeter of basin. Dump trucks, excavators, dozer, forklift, and road cutting equipment working in basin.

1025 clearance sweep of some veg where sediment will be deposited. Monitor work around vegetation.

1130 lunch

1200 crew continues

1430 check fence for repairs. Repairs have been made.

1445 crew packing it in for the day

1500 depart site

**Additional Comments**

N/A

**Signature**







**photo\_1-sediment\_transport\_activities.jpg**  
-118.1698472222223 34.1917777777777



**photo\_2-activities\_in\_the\_basin.jpg**  
-118.1708 34.1941



**photo\_3-repaired\_fence\_area.jpg**  
-118.1730527777778 34.18982222222222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: July 29, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:44	68 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Two excavators onsite, one was digging at north end of site, one was creating drainage trenches, near ramps at SW and SE corners. Grader onsite smoothing SW ramp entrance, two water trucks onsite, two dumptrucks piling material mid site from north dig area. One telehandler adding rocky gravel to weigh station area.

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

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

**List of species observed while monitoring:**

CORA, CALT, SPTO, NOMO, BUSH, KILL, CAQU, CASJ, HOFI, BEWR, WREN, RSHA, California ground squirrel, Desert cottontail, Side-blotched lizard

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

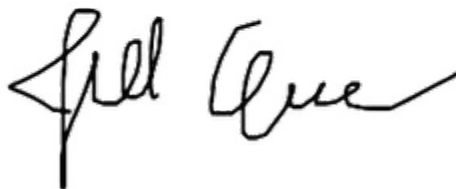
**Log Entry**

Attended tailboard meeting. Monitored digging drainage ditch near ESA fencing to connect new drainage ditch to old drainage ditch.

**Additional Comments**

N/A

**Signature**







**Grading\_west\_ramp\_faceSW.jpg**  
-118.17624597222223 34.18794773055555



**Excavator\_digging\_drainage\_trench\_faceS.jpg**  
-118.17389746388889 34.187810049999996





**Evxcavator\_load\_dumptrunk\_faceW.jpg**  
-118.17110999166667 34.19335777777778



**Installing\_drainage\_pipe\_faceSE.jpg**  
-118.17415041666668 34.18716109444444



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: July 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	60 °F	0-3 MPH	0 %
End of Day	14:47	87 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Grading
2. Water truck, two loaders, Blade, Excavator, forklift, dozer
3. Manny (foreman)

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

Yellow warbler

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

**List of species observed while monitoring:**

Western Honeybee, Grasshopper sp., Carpenter Bee, Dragonfly sp., Yellowjacket, Mud Dauber, Swallowtail sp., Red Admiral, Cabbage White, Funeral Duskywing, Lady sp. BEWR, CORA, AMCR, Amazona sp., CASJ, KILL, BUSH, CALT, NUWO, BLPH, NRWS, YEWA, SPTO, RSHA, WREN, HOFI, MODO, CAQU, SOSP, NOMO, ACWO, BARS, OATI, LEGO, BHGR, California ground squirrel

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

**Log Entry**

0600- Arrived on site.

0630- Attended tailboard meeting.

0651- Heard a YEWA vocalizing near the western portion of the reservoir near the ramp.

0705- Crew started work. They are working on the weight station and in the northern portion of the project site removing sediment.

0917- Heard different YEWA vocalizing in the northeastern portion outside the project boundary.

1028- Crew is still working. Bulldozers are making piles moving towards the northern end of the project by the dump trucks and excavator.

1130- Crew stopped for lunch. Operators were still working.

1200- Crew that took lunch resumed work.

1320- Crew is still working.

1445- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg



Crew\_working.jpg



Crew\_finished\_for\_the\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: July 31, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	59 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator at North end digging sediment, grader at North end grading roads. Sediment is being compiled mid site. Second excavator working near ramp on south east corner near ramp below water tank, finishing up work on the drainage, trench. Drainage pipe that was installed yesterday was backfilled today under the road. Rocks/gravel being spread across weight station area.

On site: Two excavators, two dump trucks, two water trucks, bulldozer, telehandler, grader

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

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

**List of species observed while monitoring:**

RTHA, CORA, BLPH, CALT, HOFI, ACWO, NUWO, CAQU, WREN, ANHU, BGGN, CASJ, BUSH, Red-crowned Parrot, Desert cottontail, California ground squirrel, Coyote

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

**Log Entry**

0730 conducted WEAP training for one person

1330 Kevin asked me if they could run rubber tubing from water tank area up the east side ramp along the bottom of the hill to a hydrant at the top dirt hiking trail since the water tank is running dry at end of day. There are no biological concerns as long as they stay out of the restoration area. I told them they still need approval by the county, but that there were no biological issues with it. Piping will be buried across hiking trail to avoid trips/falls.

**Additional Comments**

N/A

**Signature**







**Dumptrunk\_dump\_sediment\_bulldozer\_compile\_sediment\_faceW.jpg**  
-118.17404175 34.18817415833333



**Excavator\_load\_sediment\_onto\_dumptruck\_faceSW.jpg**  
-118.17129611111112 34.19333305555556



**Backfilling\_over\_drainage\_pipe\_faceSE.jpg**  
-118.17409591666667 34.18733065555555



**Grading\_access\_road\_faceW.jpg**  
-118.171551675 34.19288076666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	61 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	0-3 MPH	100 %

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

Construction Monitoring

**Construction Activity:**

Remove sandy soil from below eroded area. Truck in proper sediment to fill in eroded hillside. Digging in north end of site Compile sediment mid site Grade roads for truck access

Equipment on site: two excavators, two water trucks, one bulldozer, one grader, one telehandler

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

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

**List of species observed while monitoring:**

CORA, BARS, CASJ, CAQU, HOFI, CALT, GREG, BEWR, WREN, Coyote, Side-blotched lizard, Desert cottontail

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

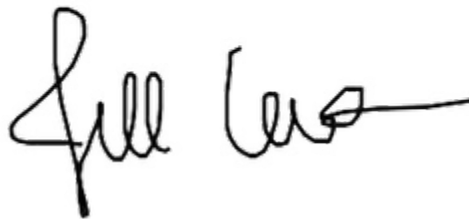
**Log Entry**

0700-1530 monitored hillside erosion repair-sediment fill of large eroded hole.

**Additional Comments**

N/A

**Signature**







**Remove\_sand\_sediment\_below\_erosion\_area\_faceNW.jpg**  
-118.17325286111111 34.188231797222215



**Sand\_removal\_below\_erosion\_area\_faceNW.jpg**  
-118.17329233333334 34.18821517222222





**Deposit\_sediment\_for\_erosion\_backfill\_FaceNW.jpg**  
-118.17330282222223 34.18817428888889



**Filling\_erosion\_with\_sediment\_faceNW.jpg**  
-118.17326695277778 34.18816162222222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:12	71 °F	0-3 MPH	1 %
<b>End of Day</b>	14:50	95 °F	7-9 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1. Grading
2. Blade, D8 bulldozer, excavator, Dump truck, forklift, and roller
3. Kevin (foreman)

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

Yellow warbler

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

**List of species observed while monitoring:**

Carpenter Bee, Dragonfly sp., Vanessa sp., Swallowtail sp., Red Admiral, Mud Dauber Western Toad, Side-Blotched Lizard CALT, SPTO, KILL, BLPH, BARS, OATI, BEWR, CASJ, WREN, ACWO, WTSW, AMCR, Amazona sp., GREG, BUSH, NUWO, SOSPO, CAQU, GBHE, ALHU, NRWS, HOFI, LEGO, Mitred Parakeet, RSHA, YEWA Coyote, California ground squirrel

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

**Log Entry**

0600- Arrived on site.

0619- Heard YEWA vocalizing in northeast of the project area.

0730- Attended tailboard meeting.

0640- Crew started work. They are working on fencing and will have a dozer in the southern end and an excavator in the north end. Additionally, they will be working on installing a water line going up the eastern ramp.

0840- Crew is still working.

1000- Crew is still working. 1

130- Crew stopped for lunch.

1207- Crew resumed work after lunch. They are still building berms towards the southern end and removing sediment in the northern end. The ground crew is still working on installing the water line going up the eastern ramp.

1400- Crew is still working. They currently have stopped work in the northern portion and are still working near the southern portion of the Project area and are working on the water line.

1450- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_working.jpg



Crew\_finished\_for\_the\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	5 %
End of Day	15:00	99 °F	4-6 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

Excavator digging on north end, bulldozer compiling sediment for pick up tomorrow, grader making roads more accessible for dump trucks. Two water trucks also onsite

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

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

**List of species observed while monitoring:**

ANHU, MODO, CORA, KILL, BEWR, BLPH, CALT, HOFI, CASJ, BARS, Desert cottontail, California grand squirrel

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

**Log Entry**

Walk site to check for wildlife, monitored activities throughout the day.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to read 'Jill Coumoutso', written in a cursive style.



**Excavator\_dig\_north\_end\_facingNW.jpg**  
-118.17143366666667 34.19278669444444



**Bulldozer\_Compile\_sediment\_facingW.jpg**  
-118.17626369444444 34.18818534444444





**Grading\_roads\_for\_truck\_access\_facingNE.jpg**  
-118.175189 34.18812011111111



**Intall\_water\_pipe\_for\_tank\_facingE.jpg**  
-118.17372730555556 34.18647064722222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: August 6, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	66 °F	0-3 MPH	10 %
End of Day	16:00	95 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling, grading
2. 2 excavators, 2 dozers, blade, backhoe, 25 haul trucks, 2 water trucks
3. Ames, LACPW

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

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

**List of species observed while monitoring:**

KILL, BARS, BLPH, HOFI, CALT, BEWR, ANHU, MALL, COHA, BUSH, ACWO, CORA, Coyote, cottontail, coastal whiptail,

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

**Log Entry**

0610- on site

0630- tailgate. First wave of trucks arriving at 0700. Picking up in south side of basin.

0700- complete survey of haul roads. Roads clear of wildlife. Trucks arrive, weigh in at scales and move to begin hauling from south basin stockpile. Dozer moving to far north end of basin for grading/stockpiling.

0710- County on site

0732- blade working in staging area to clear mud/standing water

0825- survey project boundaries inside basin. Dozer at north end grading/stockpiling.

0830- spoke to Kevin (foreman, Ames) regarding them working in the east ESA without a biologist present. Plan to trench with excavator to place low flow pipe along the edge of the basin

0910- monitor removal of ESA fence and excavating

1125- complete check of haul roads.

1130- part of crew takes lunch. Haul Trucks still running

1200- resume work. Continue monitoring excavator working in ESA.

1430- excavator finished for the day in the ESA. Haul routine still active, dozer still grading/stockpiling in the north

1506- final haul trucks leave the basin. Dozer, blade, and excavator stockpiling material to be hauled out tomorrow

1545- equipment returning to staging area

1600- depart site

**Additional Comments**

N/A

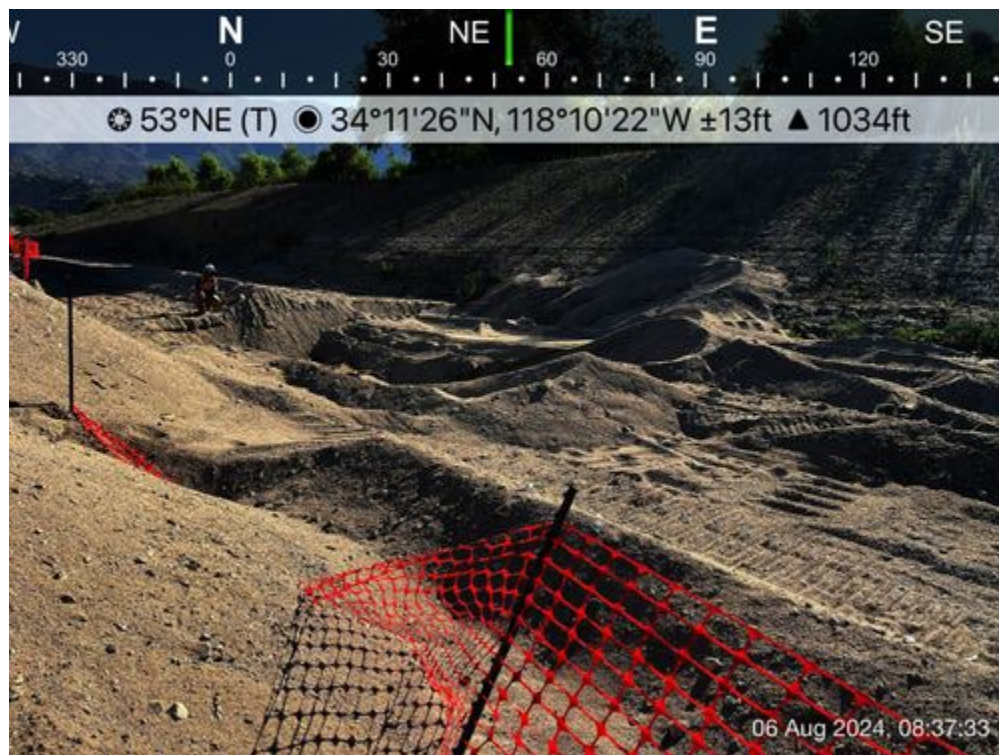
**Signature**







photo\_1-haul\_truck\_weigh\_in\_and\_loading\_facingNW.jpg



photo\_2-surveying\_ESA\_for\_low\_flow\_facingNE.jpg



photo\_3-excavating\_in\_west\_ESA\_facingNE.jpg



photo\_4-end\_of\_trenching\_in\_ESA\_facingSSW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 7, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	67 °F	0-3 MPH	0 %
End of Day	15:15	88 °F	4-6 MPH	20 %

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

Construction Monitoring

**Construction Activity:**

Trench work done by excavator on East side in ESA area. After trench work was done, this excavator filled dump trucks with sediment for hauling offsite. Second excavator working south end filling trucks with sediment. Grader was grading roads for easy access skid steer was compiling sediment. Two water trucks onsite and many dumptrucks hauling out sediment

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

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

**List of species observed while monitoring:**

KILL, CORA, ACWO, BEWR, CALT, HOFI, CASJ, BLPH, DCCO, BUSH, Coyote, California ground squirrel

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

**Log Entry**

0700-1030 Monitor trench work on the east side of the ESA area. New trench was connected to old trench Rest of day was spent monitoring excavators and dump trucks and keeping an eye out for wildlife

**Additional Comments**

N/A

**Signature**





**Fill\_dumptrucks\_with\_sediment\_faceW.jpg**  
-118.17371763888889 34.18661745833333



**Trench\_work\_in\_ESA\_area\_faceW.jpg**  
-118.17273829166668 34.18997955555555





**Grading\_road\_faceW.jpg**  
-118.17278070277779 34.18997640833333



**Compile\_sediment\_for\_hauling\_FaceNW.jpg**  
-118.17267295833334 34.18993613888888

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 8, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	63 °F	0-3 MPH	20 %
End of Day	15:59	86 °F	4-6 MPH	5 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling dirt off site from southern and mid-eastern areas of the basin. Dozers piling dirt.
2. 2 excavators, 1 grader, 2 dozers, ~10 haul trucks
3. Ames crew, boring crew of 4, haul truck drivers

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

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

**List of species observed while monitoring:**

CALT, WREN, RCPA, KILL, MALL, CASJ, RTHA, side-blotched lizard, western tiger swallowtail

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

**Log Entry**

0600 arrived on site. Conducted pre-con sweep of the work area. No wildlife observed in the work area.  
0630 attended tailboard meeting. Ames foreman told me that the laborers start at 0600 and the operators start at 0700. He said they're done digging the east side low flow channel and won't dig the west side today, maybe tomorrow - will communicate with bio. The dirt pile at the north end of the east exclusion area will be removed today.  
0700 haul trucks entering on southeast ramp, exiting on southwest ramp - do not walk on these ramps. Crew working on low flow basin, north side of east exclusion area, and loading dirt pile into haul trucks. Personal vehicle (member of the public) stuck in the north basin. Foreman working with them to get the car moved/unstuck.  
0800 provided WEAP training to three new crew members (boring crew).  
0830 police on site to assist with removal of personal vehicle from north basin.  
0900 personal vehicle successfully towed out of the basin.  
1130-1200 lunch  
1200 crew continued loading dirt into haul trucks in the south basin.  
1400 monitored dozer a couple hundred feet north of Flint Wash. Advised operator to stay out of pools of water.  
1500 haul trucks finished for the day.  
1545 dozers and grader heading to staging area.  
1600 left site.

**Additional Comments**

N/A

**Signature**





Northeast-exclusion-area\_facingN.jpg



Piling-dirt-south-basin\_facingN.jpg





East-low-flow-basin\_facingN.jpg



Piling-dirt-south-basin2\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:58	63 °F	0-3 MPH	0 %
End of Day	15:44	91 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal
2. 2 bulldozers (D8), 2 Excavators, haul trucks, blade, 2 water trucks, forklift
3. Kevin (foreman)

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

YEWA

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

**List of species observed while monitoring:**

Carpenter Bee, Western Yellowjacket, Dragonfly sp., Swallowtail sp., Cabbage White, Painted Lady, Sulphur sp., Red Admiral AMCR, KILL, BEWR, YEWA, WREN, BUSH, BARS, RSHA, MALL, CASJ, CALT, BLPH, AMRO, MODO, NUWO, RTHA, NUWO California Ground Squirrel

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

**Log Entry**

0545- Arrived on site.

0600- Heard YEWA vocalizing towards the western ramp. Ground imcew postponed tailboard meeting until 0630. But are starting work.

0630- Attended tailboard meeting.

0700- Crew started work. They are hauling sediment today and may continue to work on the emergency slope work from the previous day in the northern portion of the Project area within the ESA boundary.

0900- Crew is still working. Dozer went over to ESA fencing area to assist with work.

0928- Water truck (white) has had its back up alarm fixed after previous noise complaint.

1100- Crew is still working.

1300- Took a lunch break. Some crew members already took lunch at around 1130. Equipment operators were still working. They are finishing up the EMA fencing on the north eastern portion of the Project site and will start working on the north western EMA.

1430- Crew began to work in the north western EMA.

1526- Crew finished working in EMA boundary for the day. Rest of crew is still working.

1541- Crew is finishing up for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_working\_in\_ESA\_fencing\_area.jpg



Crew\_finishing\_for\_the\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	66 °F	0-3 MPH	10 %
End of Day	15:34	88 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Piling dirt, hauling dirt out of basin
2. Two dozers, excavator, two water trucks, 35 haul trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

ANHU CALT KILL MALL RCPA BLPH CASJ WREN  
California ground squirrel  
side-blotched lizard

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

**Log Entry**

0600 conducted precon sweep of work area.

0630 attended tailboard meeting.

0645 checked fencing near the low flow basin. Fencing replaced on east side, fencing temporarily removed on northwest side.

0715 monitored dirt piling and hauling in south basin. Discussed work plan with dozer operator, Victor. He'll continue to stay out of wet areas.

0930 Victor finished with dirt pile, headed to north basin to assist another dozer operator, Santiago. Monitored dozer work. Informed foreman, Kevin, of breaks in the fence that need to be repaired.

1130-1200 lunch

1200 monitored dozers in the back. Checked on dirt hauling periodically.

1500 hauling done for the day.

1530 the rest of the crew finished for the day. Left site.

**Additional Comments**

N/A

**Signature**





20240812\_compacting\_dirt\_facingN.jpg



20240812\_loading\_dirt\_facingN.jpg





20240812\_mounding\_dirt\_facingNW.jpg



20240812\_north\_basin\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 13, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	64 °F	0-3 MPH	0 %
End of Day	15:20	920 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator filling trucks with sediment for haul out south end of basin, second excavator working on low flow basin western side. Grader smoothing out roads, two bulldozers compiling sediment, two water trucks on site. Dump trucks hauling sediment out

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

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

**List of species observed while monitoring:**

BUSH BEWR KILL AMCR COHA CAQU CALT ALHU ANHU Red-crowned parrots  
Western fence lizard  
Desert cottontail

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

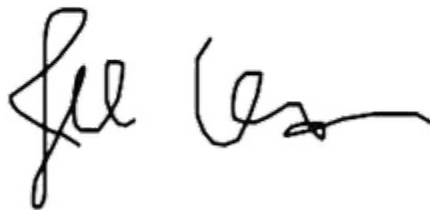
**Log Entry**

7:30-2:30 Monitored low flow basin digging on west side with a few breaks to walk site to check on other work and check for wildlife or other issues

**Additional Comments**

N/A

**Signature**







**Digging\_low\_flow\_basin\_Wside\_facingS.jpg**  
-118.17372869444445 34.19088534722222



**Bulldozer\_compile\_sediment\_facingW.jpg**  
-118.17351691666667 34.18889327777777



**Excavator\_filling\_dumptrucks\_facingN.jpg**  
-118.17389216666668 34.18794840833333



**Excavator\_dig\_low\_flow\_basin\_facingN.jpg**  
-118.17493473611111 34.18989698333333



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 14, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	63 °F	0-3 MPH	50 %
End of Day	15:52	90 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Piling dirt, hauling dirt off site, constructing west low flow basin, grading
2. Two excavators, two dozers, grader, 35 haul trucks, two water trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

CORA RCPA ANHU MODO NRWS CASJ RSHA side-blotched lizard

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

**Log Entry**

0600 arrived on site. Conducted precon sweep in work area. No wildlife in the work area.  
0630 attended tailboard meeting. Provided WEAP training to one new crew member.  
0645 headed to west low flow basin to check progress from yesterday and flag willows.  
0700 vehicles started entering the basin.  
0715 large excavator started working on the low flow basin. Monitored work.  
0920 excavator operator finished working on low flow basin.  
0945 checked vegetation for wildlife in the northern section of the basin. Cleared dozer to continue working in this area and monitored work.  
1000 water flowing into the site at the northeast project boundary. Contacted PM for guidance. Advised crew not to work in this area until guidance from the county is received. Continued monitoring dozers in the north basin.  
1045 received guidance from the county. Informed the foreman that the crew needs to wait to fill that area until the water infiltrates into the ground.  
1130-1200 lunch  
1200 continued monitoring vegetation removal/burial in north basin.  
1430 dozers started heading back to the staging area. Monitored hauling mid-basin.  
1500 hauling done for the day. Monitored dozer piling dirt mid-basin.  
1545 dozer finished work for the day. Headed back to staging area. Left site.

**Additional Comments**

N/A

**Signature**





20240814\_low\_flow\_basin1\_facingSW.jpg



20240814\_low\_flow\_basin\_after\_facingSW.jpg



20240814\_dirt\_hauling\_facingS.jpg



20240814\_pooling\_water\_facingNE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: August 15, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	67 °F	0-3 MPH	0 %
End of Day	15:50	94 °F	7-9 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Loading sediment into haul trucks to haul off site
2. One excavators, eight haul trucks, two bulldozers, motor grader, two water truck
3. Ames construction crew, foreman Kevin

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

Yellow warbler

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

**List of species observed while monitoring:**

KILL, LEGO, BEWR, YEWA, CASJ, ANHU, AMCR, SOSP, MODO, CALT, COHA, common side-blotch lizard, western fence lizard, California ground squirrel

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

**Log Entry**

0545 Arrived on site.

0600 Attended first safety tailboard meeting.

0630 Attended second safety tailboard meeting for equipment operators. WEAP trained one worker.

0655 Heard a YEWA calling from trees on southwest end of reservoir, approximate location marked in field maps.

0702 Heavy equipment begins to enter into the reservoir (One excavator and eight haul trucks, two dozers, one motor grader).

0710 Excavator begins loading haul trucks with sediment to be hauled off site.

0850 A laborer works to remove a section of orange ESA fence along the east side to allow for work on the adjacent slope.

1030 Dozer begins pushing sediment up the slope on the east side to repair erosion where the perimeter fence was taken down.

1045 Laborer works to put up a section of ESA fence along west side that was previously taken down. Biologist ensured the fencing was placed at project boundaries.

1455 The last haul truck departs. Hauling sediment is complete for the day.

1500 Excavator and bulldozer continue work, building up sediment pads to work from tomorrow.

1525 Erosion repair on eastern slope is complete for the day. The task is 90% complete and will be finished tomorrow

1545 All equipment is out of the reservoir.

1550 Depart site

**Additional Comments**

N/A

**Signature**





**ExcavatorLoadingHaulTruckWithSediment.JPG**  
-118.173775 34.190641666666664



**DozerFillingErodedSlope.JPG**  
-118.17282222222222 34.190891666666666



Replaced\_ESA\_Fencing\_WestSide.JPG  
-118.17376944444445 34.19062222222222



ErosionRepairMostlyComplete.JPG  
-118.17289166666667 34.19085

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	05:45	64 °F	0-3 MPH	0 %
<b>End of Day</b>	15:24	91 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Erosion maintenance, hauling sediment
2. 2 dozers, 1 excavator, 1 blade, 39 haul trucks, 2 water trucks
3. Ames (Kevin foreman)

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

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

**List of species observed while monitoring:**

Coyote, CASJ, CORA, COHA, BEWR, AMCR, ALHU, SOSP, HOFI, NUWO, side blotched lizard, California ground squirrel, MODO, Western fence lizard, CALT

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

**Log Entry**

0545 arrived onsite.

0600 Kevin (Ames foreman) says crew tailboard is at 0630 and that he just has water trucks running.

0630 attended crew tailboard meeting. Kevin says they will be finishing up erosion control on east side and put the ESA fence back up.

0640 surveyed EMA where erosion control is to take place.

0700 haul trucks arrive, machines head down into reservoir.

0842 small areas in ESA fence are patched up.

1059 erosion control complete on east side slope.

1135 ESA stakes are being re-installed.

1321 ESA fencing starts being put up on stakes.

1500 dozers are down for the day.

1518 all machines start heading in. Talk to Kevin about plan for Monday.

1525 left site

**Additional Comments**

N/A

**Signature**







Excavator\_facingSW.jpg



Erosion\_control\_facingNW.jpg





ESA\_fencing\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:06	66 °F	0-3 MPH	0 %
End of Day	15:08	92 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal
2. Bulldozer (D8 and D6), excavators, dump trucks, water trucks, blade
3. Kevin (foreman)

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

Yellow warbler

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

**List of species observed while monitoring:**

Dragonfly sp., Western Honeybee, Western Yellowjacket, Swallowtail sp., Flame Skimmer, Funeral Duskywing, Red Admiral, Vanessa sp., Mud Dauber, Western Toad, BEWR, RSHA, CASJ, AMCR, CALT, BUSH, KILL, ALHU, LEGO, NUWO, ACWO, BARS, BLPH, MALL, YEWA, NRWS, Amazona sp., SOSPO, CORA, BEKI, DEJU, WTSW Coyote, California Ground Squirrel

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

**Log Entry**

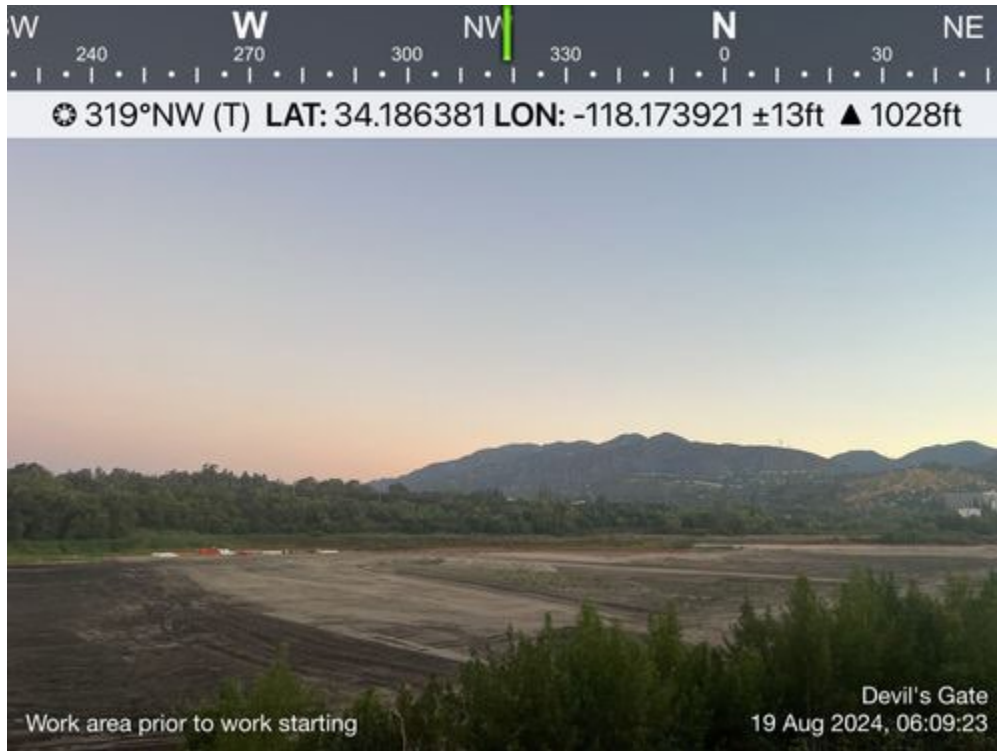
0550- Arrived on site.  
0600- Ground crew began to set up work area for the day.  
0630- Attended tailboard meeting. They are planning on starting off where they left off on Friday. They are going to use a small dozer in the southern portion of the Project site and are working on making piles in the northern portion.  
0652- Heard YEWA singing southwest of the project site.  
0700- Crew started work.  
0900- Crew is still working.  
0910- Ground crew finished repairing ESA fencing line.  
1056- Relocated one western toad.  
1130- Crew stopped for lunch.  
1200- Crew resumed work after lunch.  
1400- Crew is still working.  
1446- Crew is starting to wrap up work. Dozers went in to park.  
1510- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg



Crew\_working.jpg



Crew\_working.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 20, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	71 °F	0-3 MPH	0 %
End of Day	15:27	98 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling dirt from mid-basin, piling dirt in south basin
2. 1 dozer, 1 grader, 2 water trucks, 1 excavator, ~40 haul trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

CORA, RCPA, WREN, SOSP, CALT, RSHA, BUSH, CASJ, California ground squirrel, side-blotched lizard, western fence lizard, western tiger swallowtail

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

**Log Entry**

0600: Conducted pre-construction sweep of staging area. No wildlife in the work area.  
0630: Attended tailboard meeting for vehicle operators.  
0700: Monitored dozer piling dirt in souther basin.  
0715: Monitored dirt hauling in north basin.  
1130-1200: Lunch.  
1200: Monitored dirt piling and hauling.  
1500: Hauling done for the day.  
1515: Dozer headed to staging area.  
1530: Left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to read 'Eliza McLean', written in a cursive style.





20240820\_loadingtruck\_facingW.jpg



20240820\_pilingdirt\_facingN.jpg



20240820\_workarea1\_facingW.jpg



20240820\_hauling\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 21, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	66 °F	0-3 MPH	0 %
End of Day	15:20	95 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator doing sediment removal all day and loading 36 dumptrucks in mid section and then moving further north to dig. Bulldozer compile sediment for removal. Grader made roads more accessible. One water truck and one skid steer also onsite

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

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

**List of species observed while monitoring:**

KILL, MODO, CORA, ANHU, BLPH, GBHE, BUSH, CALT, SOSPO, MALL, CASJ, HOFI, California ground squirrel

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

**Log Entry**

Monitored sediment removal all day. Walked and drove site throughout the day to look for wildlife that might need relocation or non-compliance issues.

**Additional Comments**

N/A

**Signature**







**Excavator\_filling\_dumptruck\_with\_sediment\_facingN.jpg**  
-118.17292020555556 34.191040916666665



**Dumptrucks\_lined\_up\_for\_excavator\_facingN.jpg**  
-118.17312038888889 34.190611749999995





**Bulldozer\_moving\_sediment\_facing\_north.jpg**  
-118.17385852777778 34.18934064722222



**Skid\_steer\_compile\_sediment\_face\_N.jpg**  
-118.17292722222223 34.19165340555555



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: August 22, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	62 °F	0-3 MPH	0 %
End of Day	15:15	85 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Loading sediment into haul trucks to haul off site
2. 1 Excavators, >10 haul trucks, 1 bulldozer, 1 motor grader, 2 water trucks
3. Ames construction crew, foreman Kevin

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

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

**List of species observed while monitoring:**

KILL, AMCR, CASJ, BLPH, LEGO, BEWR, ANHU, SOSP, MODO, CALT, COHA, MALL, HOOR, CORA, TUVU, green parrot sp., common side-blotch lizard, western fence lizard, California ground squirrel, desert cottontail

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

**Log Entry**

0545: Arrived on site.

0630: Attended safety tailboard meeting for equipment operators. All workers onsite had been WEAP trained.

0700: Heavy equipment begins to enter into the reservoir (1 excavator and 10 haul trucks, 1 bull dozer, 1 motor grader).

0710: Excavator begins loading haul trucks with sediment to be hauled off site. Excavator is working in the middle section of the reservoir.

1500: The last haul truck departs. Hauling sediment is complete for the day.

1507: All equipment is out of the reservoir.

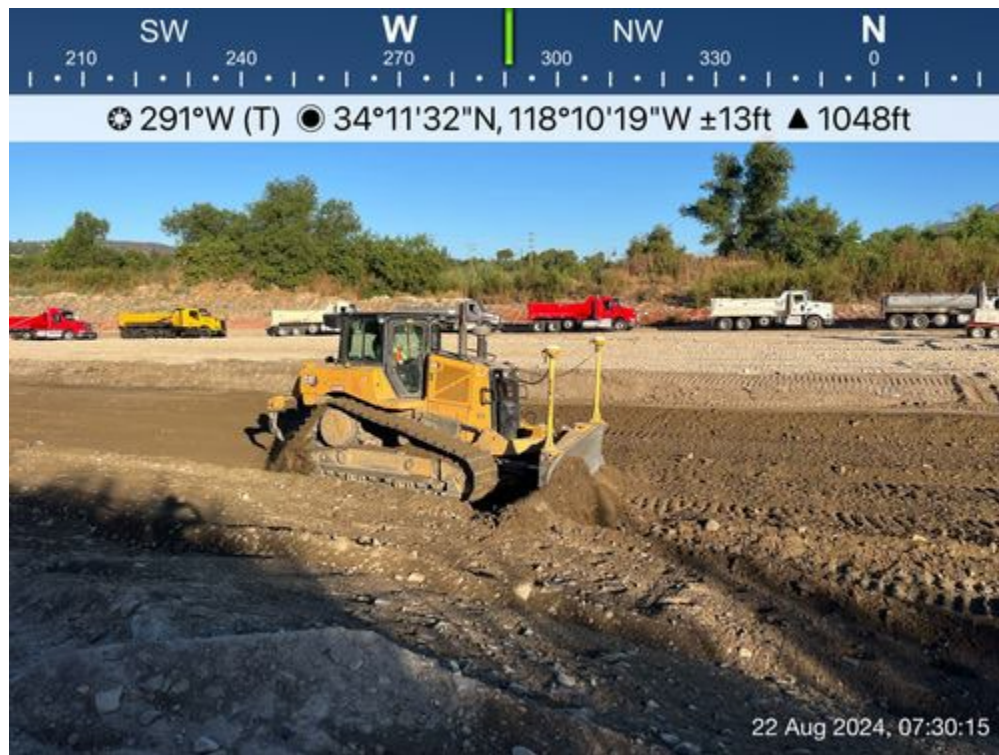
1520: Depart site

**Additional Comments**

N/A

**Signature**





**DozerPushingSediment\_facingWNW.JPG**  
-118.1719638888889 34.1922472222222



**SiteOverview\_facingN.JPG**  
-118.17365833333334 34.186680555555554

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: August 23, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	70 %
End of Day	15:00	86 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Hauling, grading, stockpiling
2. Haul trucks(~20), 1 excavator, 1 dozer, 2 water trucks, 1 street sweeper
3. Ames

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

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

**List of species observed while monitoring:**

KILL, BLPH, RSHA, SPTO, SOSP, CALT, ALHU, CASJ, BARS, MODO, BUSH, HOFI, BEWR, cottontail, CA ground squirrel

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

**Log Entry**

0615- On site. Water trucks running throughout site for dust control.  
0630- Tailboard. Hauling operations to continue. Crew focused on keeping trucks below speed limit and minimizing material ending up on the streets leaving the site  
0700- Complete check of haul roads. Equipment entering the basin. Trucks lining up for weigh in, moving to north end of basin for loading. Excavator loading trucks, dozer stockpiling/grading at north end of basin.  
0815- Continue surveying perimeter of work area.  
0945- Survey south of basin by the dam. Water still flowing from Flint wash.  
1130- Check haul roads for wildlife.  
1230- Survey north end of basin.  
1315- Survey south basin near dam.  
1405- Check haul roads.  
1450- Equipment returning to yard.  
1500- End work

**Additional Comments**

N/A

**Signature**







photo\_1-truck\_weigh\_in\_facingNNE.jpg



photo\_2-excavator\_loading\_trucks\_facingNNE.jpg





**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	63 °F	0-3 MPH	0 %
End of Day	15:12	89 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Dirt hauling, grading
2. 1 dozer, 1 grader, 1 excavator, 1 water truck, ~30 haul trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

CORA, RCPA, CALT, SPTO, ANHU, CASJ, California ground squirrel, side-blotched lizard, coyote, western tiger swallowtail

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

**Log Entry**

0550 arrived on site.

0600 attended tailboard meeting for ground personnel. Conducted precon survey of staging area, no wildlife in the work area.

0630 attended tailboard meeting for operators.

0645 told the crew to keep an eye out for two coyotes in the basin. Coyotes left the basin once vehicles started entering.

0700 excavator headed toward north basin. Haul trucks headed toward tire wash.

0715 monitored dirt hauling in north basin.

1130-1200 lunch

1225 excavator moved to mid-basin, started loading trucks from west side, near exclusion area fence.

1500 crew finished work for the day. Headed back to staging area.

1515 left site.

**Additional Comments**

N/A

**Signature**





20240826\_northbasin\_facingSW.jpg



20240826\_midbasin\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: August 27, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	0 %
End of Day	15:15	88 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator removing sediment from western middle section of basin. Grader/blade grading roads for easy access. Bulldozer compiling sediment. Water truck on site. Dump trucks on site hauling sediment

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

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

**List of species observed while monitoring:**

KILL, BLPH, CORA, RSHA, BUSH, CASJ, SOSP, BEWR

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

**Log Entry**

Monitored sediment removal Swept basin throughout the day to look for wildlife for relocation or non-compliance issues

**Additional Comments**

N/A

**Signature**







**Grading\_roads\_facingN.jpg**  
-118.17358978888889 34.18867775



**Excavator\_filling\_dumptruck\_FacingNW.jpg**  
-118.17361339722223 34.18866675833333





**Dump\_truck\_line\_up\_for\_excavator\_facingNW.jpg**  
-118.17360416666668 34.18866404444444



**Bulldozer\_compiling\_sediment\_facingSW.jpg**  
-118.17361333333334 34.18865965555554

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutsi**  
**Company: ECORP**  
**Date of Log: August 28, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	60 °F	0-3 MPH	100 %
End of Day	14:30	84 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator worked on drainage trench on east mid section. Small section of ESA fence removal to access site. Bulldozer and grader smoothing down sediment south end. Two water trucks onsite.

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

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

**List of species observed while monitoring:**

BUSH, CORA, BEWR, BLPH, CASJ, COHA, RSHA, SOSP, AMCR, Red-crowned parrots, Coyote

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

**Log Entry**

Monitored trench digging most of day, checked area for wildlife or other issues throughout the day.

**Additional Comments**

N/A

**Signature**





**ESA\_fence\_removal\_facingN.jpg**  
-118.17312168055555 34.19027694444444



**bulldozer\_distribute\_sediment\_facingSW.jpg**  
-118.17391494444445 34.188267463888884





**Excavator\_drainage\_trench\_work\_facingN.jpg**  
-118.17293853611112 34.19055152777777



**Grader\_grading\_basin\_facingS.jpg**  
-118.17393308333334 34.18785113333333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:50	59 °F	0-3 MPH	100 %
End of Day	15:00	84 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Contouring low flow basin, leveling out dirt, disassembling tire wash
2. 1 excavator, 1 dozer, 2 water trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

CALT, CASJ, CORA, WREN, BEWR, AMRO, NOMO, RCPA, KILL, MALL, NRWS, RTHA, California ground squirrel

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

**Log Entry**

0550 arrived on site.

0600 attended tailboard meeting for ground personnel. Checked staging area for wildlife, none observed.

0630 attended tailboard meeting for vehicle operators. Walked into basin, to east side where excavator will be working.

0720 monitored dozer leveling dirt piles in the south basin.

1130-1200 lunch

1200 monitored excavator working on east side slopes, mid-basin.

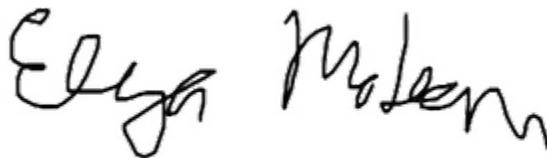
1445 crew started heading back to the staging area.

1500 left site.

**Additional Comments**

N/A

**Signature**







20240829\_dozerwork\_facingNW.jpg



20240829\_excavatorwork\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:09	62 °F	0-3 MPH	0 %
<b>End of Day</b>	14:23	86 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Sediment removal/grading
2. Excavator, bulldozer, Water trucks, and Bobcat
3. Kevin (AMES foreman)

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

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

**List of species observed while monitoring:**

Yellowjacket, Dragonfly sp., Carpenter Bee, California Bordered Plant Bug, Red Admiral, Swallowtail sp., SOSP, RSHA, KILL, CALT, BEWR, BUSH, AMCR, CASJ, ACWO, BGGN, WREN, CATH, CAQU, Amazona sp., NUWO, WTSW, Horse (tracks), California Ground Squirrel

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

**Log Entry**

0550- Arrived on site.

0630- Attended tailboard meeting.

0700- Crew started work. They are working in the northern portion of the Project site near the slopes outside the EMA boundary. They also have a dozer working in the southern portion near the dam.

0830- Crew is still working. They are also starting to remove all of the Project boundary fencing.

0840- Dozer came over from the southern portion of the dam to where the excavator is working. Currently working in EMA boundary on previous cut from the day before. They are working on the low flow channel.

1000- Crew is still working on the low flow channels.

1140- Excavator moved south to work on channel in EMA area that was previously worked on.

1218- Crew is still working and are moving towards the northern end of the Project area.

1322- Crew is still working on the low flow channels towards the northern section.

1420- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_working.jpg



Crew\_working.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: September 3, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	72 °F	0-3 MPH	0 %
End of Day	14:53	96 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Grading, placing rip rap
2. 1 excavator, 1 dozer, 2 water trucks
3. Ames crew

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

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

**List of species observed while monitoring:**

AMCR, RCPA, CALT, CASJ, ACWO, NOMO, MODO, GBHE, NUWO, WREN, California ground squirrel, desert cottontail, side-blotched lizard, coastal whiptail, carpenter bee, tiger swallowtail

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

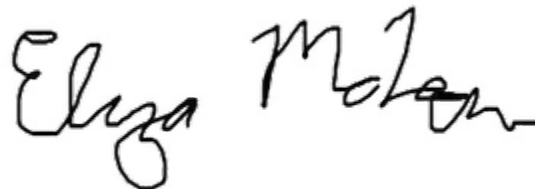
**Log Entry**

0600 arrived on site. Checked staging area for wildlife, none observed.  
0630 attended tailboard meeting.  
0640 provided WEAP training to new foreman, David. Conducted pre-con sweep of basin.  
0715 monitored dozer work and fence removal.  
0730 haul truck unloaded riprap near east side low flow basin (LFB).  
0815 excavator started placing riprap in the LFB.  
1000 excavator started working on west LFB.  
1130-1200 lunch  
1200 continued monitoring excavator working on low flow basins.  
1445 crew headed back to staging area.  
1500 left site.

**Additional Comments**

N/A

**Signature**







20240903\_grading\_facingNW.jpg



20240903\_riprap\_facingW.jpg



20240903\_eastLFB\_facingNW.jpg



photo\_4-20240903\_westLFB\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: September 4, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	68 °F	0-3 MPH	0 %
End of Day	14:45	100 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Placing rip rap along east edge and at northern end, grading along west edge of reservoir
2. Excavator, haul truck, water truck, bulldozer, motor grader
3. Ames Construction, foreman David

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

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

**List of species observed while monitoring:**

KILL, SOSP, BLPH, CASJ, ANHU, MODO, CALT, BUSH, common side-blotched lizard, western fence lizard, desert cottontail, coyote, pocket gopher

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

**Log Entry**

0555 Arrived on site. Performed a brief walkthrough of the site.  
0630 Attended safety tailboard meeting  
0645 Trucks drop off their loads of rip rap to eastern edge of reservoir.  
0655 Laborer works to remove the last of the ESA fence.  
0700 Excavator enters the reservoir, begins placing rip rap along east edge of reservoir  
0750 Bulldozer enters the reservoir, begins grading/pushing sediment on the west edge of the reservoir, across from the rip rap. The excavator works alongside the dozer, moving sediment to be graded.  
1000 Dozer continues grading along west edge.  
1115 Haul truck unloads rip rap near power line pole on north end of reservoir  
1145 Motor grader/blade cuts a road to the back of the reservoir to the power pole for trucks to drive on.  
1300 Excavator continues placing rip rap along east edge of reservoir.  
1430 Heavy equipment leaves reservoir  
1445 Depart site

**Additional Comments**

N/A

**Signature**







UnloadingRiprap\_facingN.JPG  
-118.17295 34.190416666666664



Removing\_ESA\_fencing\_facingN.JPG  
-118.17201111111112 34.192788888888884



**ExcavatorPlacingRipRap\_facingNW.JPG**  
-118.1726388888889 34.190574999999995



**DozerAndExcavator\_Grading\_facingW.JPG**  
-118.17266111111111 34.1905



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carly Tailor**  
**Company: ECORP**  
**Date of Log: September 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:45	71 °F	0-3 MPH	0 %
End of Day	14:53	109 °F	0-3 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1. Riprap placement, removal of tire wash and k-rails
2. Excavator, skid steer, bulldozer, two water trucks, four dump trucks
3. Ames Construction (11 plus David)

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

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

**List of species observed while monitoring:**

KILL, BLPH, CALT, CASJ, SOSP, RSHA, MODO, ACWO, SBMU, BUSH, BEWR, TUVU, CORA, BGGN, HOFI, EUCD, RCPA, COHA, LEGO, ANHU, CATH, CAQU, CLSW, ALHU, RTHA, desert cottontail, western fence lizard, monarch, western toad, western tiger swallowtail, lorquin's admiral, western mosquitofish, coastal whiptail, coyote, California treefrog

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

**Log Entry**

0545: arrived on site

0630: tailboard. No new crew members.

0637: spoke with foreman. Plan is to continue riprap placement on the western slope where erosion was occurring. Once the slope is complete, the excavator will move to the southern electrical pole on site & place riprap around it. Final steps will be smoothing down sediment in basin & removing dirt ramp into basin. All fencing has been taken down & no micro trash observed.

0815: updating nest (LEGO-3)-possibly fledged. Has been a long time since last update.

0849: bulldozer entering basin to move gravel surrounding tire wash. Crew beginning to remove tire wash from site. Relocated two western toads. Observed pools of water near dam that contain western mosquitofish. Updated Cliff swallow nests on dam to inactive.

1100: coyote hanging around trail by restoration area on eastern side. Was told by a pedestrian it was on the trail this morning.

1117: excavator moving k-rails from tire wash. Relocated four toads and two treefrogs.

1146: excavator returned to riprap. Progress slow due to delayed rock deliveries.

1230: excavator removed sides of tire wash. No wildlife observed.

1353: returned to riprap. Final rock delivery at 1423.

1450: machinery returns to staging area. End of day.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of a large, stylized 'C' followed by a series of loops and a long horizontal stroke.

K\_rail\_removal\_at\_tire\_wash.jpg



Pooled\_water\_near\_dam.jpg



Riprap\_at\_beginning\_of\_day.jpg



Rip\_rap\_towards\_end\_of\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: September 6, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	81 °F	0-3 MPH	60 %
End of Day	14:30	109 °F	4-6 MPH	35 %

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

Construction Monitoring

**Construction Activity:**

Excavator installed rip rap on eastern slope and northern end around powerpole. Tire wash electrical was removed. Two water trucks, and skid steer on site. Trucks on site delivering rocks for rip rap.

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

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

**List of species observed while monitoring:**

KILL, CASJ, SOSP, BLPH, CORA, BEWR, CAKI, Red-crowned parrot

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

**Log Entry**

Checked work areas in the morning for any wildlife needing relocation and monitored throughout the day.

**Additional Comments**

N/A

**Signature**







**Excavator\_adding\_rip\_rap\_east\_side\_facingN.jpg**  
-118.17309068611111 34.19041440555555



**Excavator\_add\_rip\_rap\_to\_power\_pole\_facingN.jpg**  
-118.17129356944444 34.19384599999999





**Removing\_electrical\_for\_tire\_wash\_facingS.jpg**  
-118.17603386111112 34.18808374166667



**Truck\_delivering\_rocks\_facingE.jpg**  
-118.17533780555556 34.18826367777776

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: September 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	05:55	72 °F	0-3 MPH	0 %
End of Day	14:40	106 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Deconstructing truck scale area
2. Excavator, bulldozer, water truck
3. Ames Construction, foreman David

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

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

**List of species observed while monitoring:**

KILL, SOSP, BLPH, AMCR, ALHU, ANHU, MODO, CALT, BUSH, RSHA, BLGR, BARS, MALL, RCPA, CORA, RTHA, CASJ, common side-blotched lizard, western fence lizard, desert cottontail, California ground squirrel

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

**Log Entry**

0555 Arrived on site. Performed a brief walkthrough of the site.

0632 Attended safety tailboard meeting

0655 Excavator enters the reservoir

0700 Laborers begin deconstructing elements of the truck scales and truck wash using hand tools.

0708 Bulldozer enters the reservoir, begins grading area near where rip rap was placed in the northern portion of the reservoir.

1033 Excavator is used to disassemble parts of the truck wash.

1115 Excavator begins digging up underground components of the truck wash.

1200 Dozer begins grading near area where rip rap was placed along the eastern edge of the reservoir.

1325 Dozer finished grading and leaves the reservoir.

1430 Excavator leaves the reservoir.

1440 Depart site

**Additional Comments**

N/A

**Signature**







**Deconstructing\_Scales\_facingNW.jpg**  
-118.17657455555556 34.18781037777777



**Dozer\_grading\_facingNW.jpg**  
-118.17069593333333 34.19440383333333



**Excavator\_deconstructing\_TruckWash\_facingN.jpg**  
-118.17653552777779 34.18787038333333



**Excavator\_Digging\_nearTruckWash\_facingS.jpg**  
-118.17604225000001 34.18838116666666



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: September 10, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	72 °F	0-3 MPH	0 %
End of Day	14:45	94 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

Excavator compiled k-rails and excess drainage pipes and loaded onto trucks for removal from site. Also scales plates were pulled up. Water truck on site.

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

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

**List of species observed while monitoring:**

CASJ, WREN, ACWO, MALL, BEWR, BLPH, CAKI, HOFI, CORA, Parrot species, California ground squirrel

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

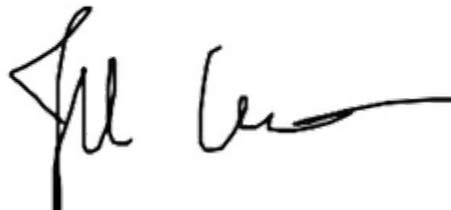
**Log Entry**

Monitored cleanup of site and looked for wildlife that might need relocation

**Additional Comments**

N/A

**Signature**





**Excavator\_load\_k-rail\_on\_truck\_faceSW.jpg**  
-118.17550625 34.18809035277778



**Excavator\_compile\_k-rail\_for\_removal\_faceSE.jpg**  
-118.1742392222223 34.18737379722222





**Excavator\_moving\_drainage\_pipes\_faceN.jpg**  
-118.17409041666667 34.18769890277775



**Excavator\_remove\_weigh\_station\_plate\_faceSW.jpg**  
-118.17608258333334 34.18824507222216

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: September 11, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	60 °F	0-3 MPH	0 %
End of Day	14:44	81 °F	4-6 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Removing tire wash station; removing access ramp from staging area into basin
2. 1 excavator, 1 dozer, 1 water truck
3. Ames crew

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

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

**List of species observed while monitoring:**

RCPA, CASJ, CORA, MODO, NRWS, SOSP, KILL, RTHA, TUVU, WREN, California ground squirrel, desert cottontail, side-blotched lizard

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

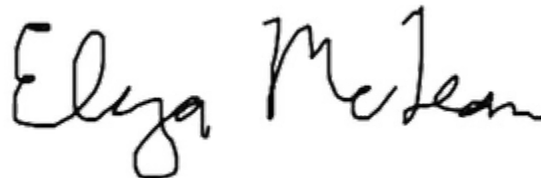
**Log Entry**

0600 arrived on site. Conducted precon sweep of staging area - no wildlife in the work area.  
0630 attended tailboard meeting. Checked tire wash area for wildlife, none observed.  
0700 crew started work, continued removing the tire wash components.  
1030 excavators started removing the access ramp from the staging area into the basin.  
1300 operator switched to dozer to finish slope grading.  
1345 operator graded remaining dirt pile in staging area.  
1430 crew started wrapping up work.  
1445 left site.

**Additional Comments**

N/A

**Signature**







20240911\_tirewash\_facingS.jpg



20240911\_rampwork\_facingS.jpg



20240911\_aftergrading\_facingSE.jpg



20240911\_gradingstagingarea\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: September 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	100 %
End of Day	14:45	76 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Demobilization of work area
2. Excavator, trucks
3. Ames

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

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

**List of species observed while monitoring:**

BLPH, CALT, SOSP, BUSH, KILL, GREG, CORA, RSHA, ALHU, MODO, CASJ, ACWO, RTHA, cottontail, California ground squirrel

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

**Log Entry**

0620- on site.

0630- tailboard. Plan to move out remaining section of tire wash/scale house.

0645- excavator enters basin. Moving to work in southwest corner near scalehouse.

0655- excavator removing buried cloth liner. Survey around work area. No wildlife observed in work area.

0705- trucks arrive in basin. Loaded with sections of tire wash using excavator.

0835- finish loading in southwest basin. Only generator and outhouse left in southwest basin. Excavator moves up exit ramp to load more plates

0930- finish loading shaker plates from exit ramp

0945- loading shaker plates and conex box at staging area onto truck.

1130- truck departs staging area. Water truck still running throughout basin. Crew lunch.

1200- excavator returns to moving material in the southwest end of basin.

1240- excavator moves to southeast side of basin to load equipment onto truck.

1315- truck loaded, excavator moves to southwest to continue removing buried cloth liner

1340- excavator removing gravel ramps for scales

1405- excavator leaving basin

1420- lowering water tank off of stilts in staging area

1445- foreman anticipated being fully demobilized by the end of Friday 9/13. Depart site

**Additional Comments**

N/A

**Signature**







photo\_1-excavating\_in\_SW\_basin\_facingNE.jpg



photo\_2-loading\_scales\_sections\_facingSW.jpg





photo\_3-loading\_shaker\_plates\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Jill Coumoutso**  
**Company: ECORP**  
**Date of Log: September 13, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	62 °F	0-3 MPH	100 %
End of Day	13:00	78 °F	4-6 MPH	30 %

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

Construction Monitoring

**Construction Activity:**

Excavator removed drainage pipe from bottom of access road, bulldozer graded near old scale station, trash, old tarps and orange cones were collected and removed from the basin. Skidsteer filled in holes in badin, water tank was removed from site, large equipment was hosed off and taken off site. Water truck also on site.

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

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

**List of species observed while monitoring:**

CASJ, ANHU, CALT, CAQU, KILL, CORA, RSHA, BEWR, BUSH, BLPH, HOFI, SASP, red-crowned parrot

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

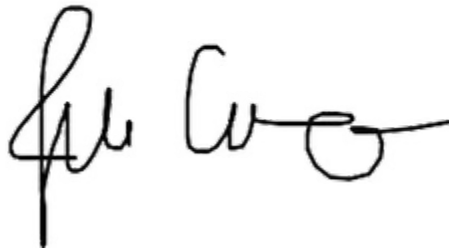
**Log Entry**

Monitoted all ground disturbance, checked site for trash or animals needing relocation.

**Additional Comments**

N/A

**Signature**





**Bulldozer\_grading\_weigh\_station\_area\_faceSW.jpg**  
-118.17523136944445 34.18815844444444



**Skidsteer\_fill\_in\_hole\_faceN.jpg**  
-118.17401661111111 34.18780499166667





**Dig\_trench\_to\_pull\_up\_drainage\_pipe\_faceE.jpg**  
-118.17408098888889 34.18718900555555



**Pull\_drainage\_pipe\_from\_access\_road\_faceE.jpg**  
-118.17410094444445 34.18722446111111



Habitat Restoration Monitoring Logs

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:45	89 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1). Restoration activities today are primarily associated with the removal non-native invasive plant species.
- 2). Equipment today is limited to the use of hand tools, particularly hoes.
- 3). Restoration personnel is the contractor, Gothic, comprised of 10 men plus the foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: Red-masked Parakeet, CALT, BHGR, WTSW, BEWR, CAQU, AMCR, ACWO, COHA, YEWA, WREN, HOWR, NUWO, NRWS, PSFL, OATI, LEGO, HOFI, NOMO, SPTO, MODO, GBHE  
Herps: California toad, Great Basin fence lizard, San Diego tiger whiptail  
Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0630- ICF biologist and landscape contractor, Gothic, arrived at the staging area at Johnson Field.  
0640- Crew at work removing invasive plant species adjacent to existing maintenance access road. Location is DG-East Trail 3.  
0900- Crew on brief AM break.  
0915- Crew back to work within DG-East Trail 3.  
1200- Crew on lunch break.  
1230- Crew removing nonnative invasive plant species on sides of dirt maintenance road within and adjacent to DG-2.  
1345- Crew removing nonnative invasive plant species in DG-East Trail 2.  
1430- Crew demobilizing and transporting material for disposal.  
1440- Crew and biologist leaving the site for the day

**Additional Comments**

N/A

**Signature**





**Crew\_removing\_weeds\_DG-EastTrail3\_facingNorth.jpg**  
-118.1706274444445 34.19174980555555



**Crew\_removing\_weeds\_DG-2\_facingNortheast.jpg**  
-118.1713392222223 34.1906327777777





**Crew\_removing\_weeds\_adjacent\_DG-2.jpg**  
-118.1715437777779 34.19026184722222



**Crew\_transporting\_material\_for\_disposal\_facingNorth.jpg**  
-118.17224947222223 34.18938668055555



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	62 °F	0-3 MPH	0 %
End of Day	14:35	93 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed clearing.
2. Nine, hand tools and a weed whacker.
3. Nine, Nature's Image, Genero and Lalo Maldonado.

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

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

**List of species observed while monitoring:**

MODO, HOFI, SPTO, CAQU, CASJ, BHGB, AMCR, BGGN, CALT, BEWR, NUWO, ALHU, Amazonia sp., NRWS, WREN, BUSH, RTHA, NOMO, TUVU

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

**Log Entry**

0620 Crew began arriving.  
0630 Genero took me to the work area in DG-4 and I met Maldonado who will be helping with his own crew of three for the rest of the week.  
0640 I began clearing the area.  
0700 I cleared the area.  
0705 Crew began weeding. Tatiana and Charlie are on irrigation.  
0745 Crew began periodically taking full tarps to be taken to the dumpster.  
0850 Crew broke for first break.  
0920 Crew returned from break (includes 10 min round trip of travel).  
1000 Juvenile and adult seen perched near each other near CASJ\_07. Two juvenile's seen by here after lunch.  
1015 Genero told me another crew, led by Alberto, may be joining to help on Friday, for a total of three crews.  
1050 Crew broke for lunch.  
1140 Crew returned from lunch (includes 10 minutes round trip travel) and continued weeding.  
1320 Crew broke for second break. Maldonado and his crew left for the day to travel back to Perris.  
1350 Crew returned from second break (includes 10 minutes round trip travel), continued weeding, and started to focus on filling and taking tarps to the dumpster.  
1420 Crew began wrapping it up for the day.  
1435 Crew has finished dumping the tarps in the dumpster and putting everything away. They are starting to leave.

**Additional Comments**

N/A

**Signature**

*Daniel Jaques*



**work\_area\_start\_facingS.jpg**  
 -118.17222194444444 34.19414194444444



**work\_area\_during\_facingS.jpg**  
 -118.17220388888889 34.19414194444444





**work\_area\_end\_of\_day\_facingS.jpg**  
-118.17219277777778 34.194157777777775



**work\_along\_wash\_during\_facingSW.jpg**  
-118.17188388888889 34.193838888888884

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:25	63 °F	0-3 MPH	95 %
<b>End of Day</b>	14:30	93 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weeding.
2. 10, hand tools and one weed whacker.
3. 10, Nature's Image, Genero and Lalo Maldonado.

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

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

**List of species observed while monitoring:**

MODO, CAQU, AMCR, CASJ, BGGN, CATH, BHGR, HOFI, RTHA, BEWR, SPTO, NOMO, Amazonia sp., ALHU, LEGO, BARS, DEJU, NUWO, CALT.

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

**Log Entry**

0620 Crew began arriving.  
0635 Genero took me to clear the work area in DG-4 to continue where they left off.  
0645 I started clearing both parts of the work area.  
0700 Heard woodpecker pecking in area by nest point NUWO\_04.  
0707 I finished clearing both parts of the work area.  
0715 Crew gathered around for me to talk about how close we can weed to woodrat middens.  
0720 Crew started weeding.  
0725 Genero went to start weed wacking  
0740 Crew began periodically taking full tarps to the Kubota to take to the dumpster.  
0850 Crew broke for first break.  
0910 Crew returned from break and resumed weeding. Genero and Maldonado returned with the crew from break.  
0930 Genero resumed weedwacking.  
1015 Crew began bringing Kubota around pick up tarps.  
1055 Crew broke for lunch.  
1135 Crew returned from lunch and resumed weeding.  
1330 Crew broke for second break. Maldonado and his crew left to drive back to Perris.  
1350 Crew returned from break.  
1400 CASJ\_07 was deactivated. Full details in field maps.  
1410 Crew began wrapping up for the day.  
1430 Crew finished putting everything away in the shipping container and dumpster, and has left for the day.

**Additional Comments**

N/A



Signature

Daniel J. Miller



work\_area\_start\_facingSE.jpg  
-118.17223777777778 34.19415083333333



**work\_area\_after\_facingSW.jpg**  
 -118.17221777777779 34.19416277777778



**weed\_wack\_side\_work\_area\_after\_facingSSE.jpg**  
 -118.17280583333334 34.19377583333333





side\_work\_area\_after\_facingSSE.jpg  
-118.17208694444444 34.19356388888889

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: July 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU EGGO BARS CLSW NAWA CATH MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA WEBL KILL SNEG AMKE CANG WBNU COHA EUST  
Red Crowned Parrot GREG OCWA RUDU YWAR BHGR YBCH WETA  
Reptiles: western fence lizard, side-blotch lizard  
Mammals: California Ground Squirrel, Desert Cottontail  
Amphibians: Western Toad

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

**Log Entry**

0630: Arrive on site.  
0640: Safety tailgate.  
0650: Crew begins work weeding in DG-East Trail 1 and 2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.  
0900: Crew takes a break.  
0915: Crew continues invasive species removal in DG-East Trail 1 and 2.  
1200: Crew breaks for lunch.  
1230: Crew continues invasive species removal in DG-East Trail 1 and 2.  
1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**







**Invasive\_removal\_DG-East-Trail-1\_facingS.jpg**



**Invasive\_removal\_DG-East-trail-2\_facingN.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 3, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	63 °F	0-3 MPH	0 %
End of Day	13:55	91 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities today are primarily associated with removal and proper disposal of non-native and invasive plant species.
- 2) Equipment limited hand tools, particularly hoes.
- 3) Restoration activities today being conducted by Gothic and is comprised of 10 men plus foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: LEGO, PHAI, Red-masked Parakeet, NUWO, ACWO, AMCR, CALT, BHGR, NOMO, BEWR, SPTO, BLPH, BUSH, SOSP, MODO, HOFI, ALHU, CASJ, HOOR, WREN, PSFL, RTHA, COHA, TUVU, OATI, ANHU, HOWR, BGGN

Herps: California toad, Great Basin fence lizard

Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0620- ICF biologist arrived at Johnson Field staging area.

0630- Gothic arrived and mobilized for today's restoration activities.

0645- Crew removing non-native and invasive plant species from DG-East Trail 4.

0900- crew on brief AM break.

0915- Crew back to work weeding out non-native and invasive plant species from DG-East Trail 4.

1200- Crew on lunch break.

1230- Crew back to work weeding and disposing of invasive plant species removed from DG-East Trail 4.

1345- Crew cleaning up for the day.

1355- Gothic crew and ICF biologist leaving the site.

**Additional Comments**

N/A

**Signature**





**Crew\_removing\_weeds\_DG-EastTrail4\_FacingNE.jpg**  
-118.1706699444446 34.19193125833333



**Crew\_removing\_weeds\_DG-EastTrail4\_FacingSW.jpg**  
-118.17014269444445 34.192345075





**Crew\_removing\_weeds\_DGEastTrail4\_FacingW.jpg**  
-118.16997663333333 34.192307666666665



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Harris**  
**Company: ECORP**  
**Date of Log: July 3, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	65 °F	0-3 MPH	0 %
<b>End of Day</b>	14:23	92 °F	0-3 MPH	0 %

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

Construction Monitoring

**Construction Activity:**

1. Nonnative removal within DG-4B. Target species include but are not limited to: *Brassica nigra*, *Lepidium latifolium*, *Malva parviflora* and *Conium maculatum*.
2. Hand tools (hula hoes, takes and shovels).
3. Natures Image crew of ten including Genaro Gomez (foreman). Separate crew from Perris part of the crew.

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

Yellow warbler

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

**List of species observed while monitoring:**

BGGN, RTHA, ACWO, BHGB, YEWA, HOOR, MALL, CANG, GREG, CORA, SPTO, CALT, BUSH, CASJ, COYE, MODO, WTSW, NRWS, KILL, SOSP, LEGO, Western fence lizard, Coastal whiptail, Red-eared slider, California ground squirrel

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

**Log Entry**

0615: Arrived on site.

0620: Genaro Vargas (Natures Image; foreman) arrives on site.

0623: Genaro and I discuss starting in DG-4B.

0630: Start conducting nesting bird survey of DG-4B.

0700: Gave Genaro the all clear to work in DG-4B. I couldn't access the center of DG-4B due to density of perennial pepperweed. Asked Genaro to have the crew move slowly in case of any nesting birds.

0700-0740: Monitored weeding of DG-4B due to uncertainty of nesting bird survey.

0751: Arrived at revisor to monitor mallard duckling, check status of yellow warbler nests and monitor for potential fish in the reservoir.

0751-0836: Monitored mallard duckling and yellow warbler nests (YEWA-01).

0836: Natures Image takes a break.

0846: Natures Image returns from their break.

0846-0930: Observed mallard duckling following adult mallards around northwest portion of the reservoir. Duckling was being fed by the adults. Monitored YEWA-01, heard/observed male yellow warbler vocalizing near the nest and chasing off other species. Observed female yellow warbler foraging in willows nearby. Female yellow warbler observed with a grasshopper and heading towards nest location. Presumed based off nest discovery and yellow warbler activity that fledglings may be close to the nest.

0947: Arrived back to DG-4B.

1050: Crew breaks for lunch.

1200: Crew returns from lunch. Crew continues weeding within DG-4B.

1314: Genaro informs me of a beehive within an irrigation box near DG-4 and DG-4 WOUS. Genaro states that the beehive is preventing cuttings from getting water in the area. He also mentions that other monitors were informed of the issue. Contacted Carley Adam's who began coordinating removal with the County. Natures Image may be able to connect the irrigation line to another box, if not hand watering would take place. Changing the irrigation line wouldn't take place until Friday.

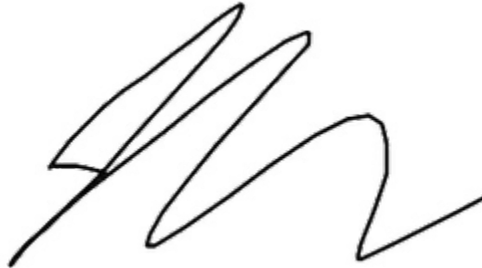
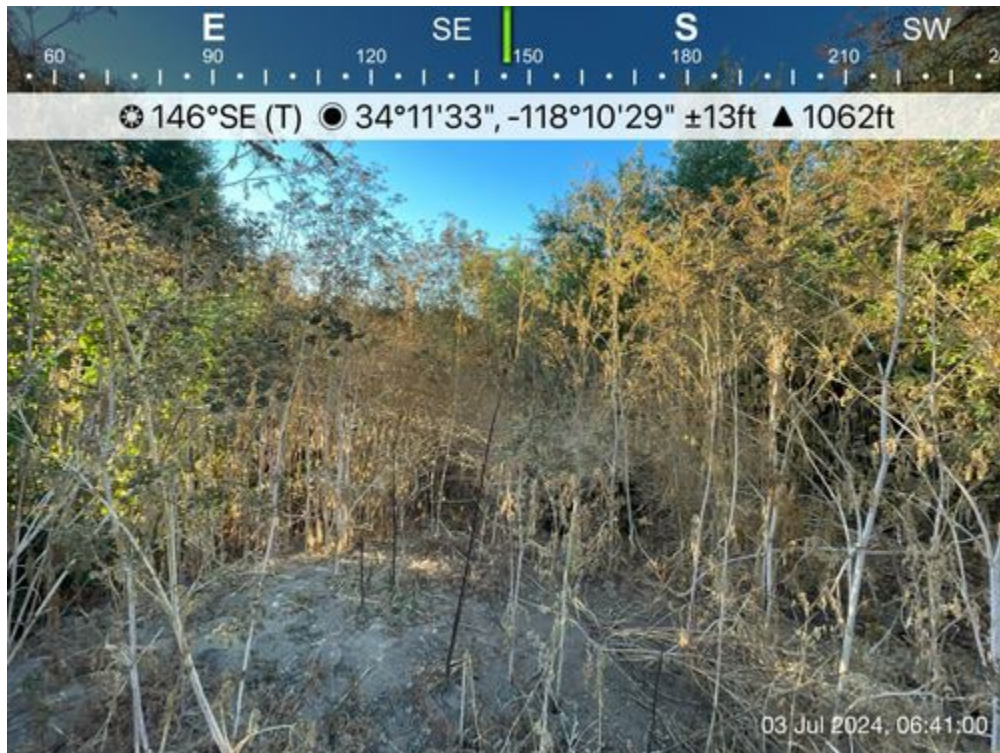
1325: Crew takes a break.

1345: Crew returns from their break. Perris crew leaves site.  
1410: Natures Image beginning clean up for the day.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.

DG-4B\_before\_nonnative\_removal.jpg





During\_nonnative\_removal\_within\_DG-4B.jpg



DG-4B\_after\_nonnative\_removal.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Josh Harris**  
**Company: ECORP**  
**Date of Log: July 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:15	66 °F	0-3 MPH	0 %
<b>End of Day</b>	13:07	96 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Nonnative removal within DG-4B. Target species include but are not limited to: *Brassica nigra*, *Lepidium latifolium*, *Malva parviflora* and *Conium maculatum*. Irrigation work performed by one worker.
2. Hand tools (hula hoes, takes and shovels).
3. Natures Image crew of nine including Genaro Gomez (foreman). Separate crew from Perris part of the crew.

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

Yellow warbler

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

**List of species observed while monitoring:**

BGGN, RTHA, ACWO, NUWO, BHGB, YEWA, MALL, GREG, CORA, SPTO, CALT, BUSH, CASJ, COYE, MODO, CAQU, WTSW, NRWS, KILL, SOSP, LEGO, Western fence lizard, Coastal whiptail, California ground squirrel, Desert cottontail

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

**Log Entry**

0615: Arrived on site.

0615-0633: Conducted a nesting bird survey of DG-4B and a portion of DG-4 west of Natures Image storage container.

0633: Genaro Vargas (Natures Image; foreman) at Natures Image storage container prepping equipment.

0633-0658: Continued nesting bird survey of portion of DG-4.

0709-0800: Arrived at revisor to monitor mallard duckling, check status of yellow warbler nest (YEWA-1) and monitor water level in the reservoir. Heard a yellow warbler calling within the buffer of YEWA-1 but didn't observe any entering nest location. Observed mallard duckling on the west side of reservoir with mallard flock. Later observed the duckling closer to the dam with the same flock. Duckling appears to be keeping up with flock and is not showing signs of distress.

0815: Monitored California towhee nest (CALT-01) near DG-W-2. Changed the status to inactive due to lack of activity and based upon initial discovery date.

0831: Natures Image takes a break.

0850: Natures Image returns from break.

0944: Genaro informed me the crew will be ending work around 1330 today. Reason for ending early was the heat advisory in the area.

1100: Natures Image takes lunch.

1200: Natures Image returning from lunch.

1300: Natures Image cleaning up for the day.

**Additional Comments**

N/A



Signature

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

Removed\_vegetation\_from\_mitigation\_area.jpg



Portion\_of\_DG-4B\_that\_was\_weeded.jpg



Portion\_of\_DG-4\_surveyed.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 8, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	65 °F	0-3 MPH	0 %
End of Day	14:43	89 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to removing non-native invasive plant species.
- 2) Equipment used today limited to hand tools, particularly hoes.
- 3) Gothic crew of 10 men plus foreman Juan

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

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

**List of species observed while monitoring:**

Birds: CASJ, WREN, SPTO, HOFI, LEGO, CAQU, NUWO, SOSP, BUSH, BHGR, CALT, BEWR, MODO, ECDO, OATI, Red-masked parakeet, ACWO, HOWR, TUVU, NOMO  
Herps: Great Basin fence lizard, San Diegan tiger whiptail  
Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0615- ICF biologist arrived.  
0630- Gothic arrived and mobilized for today's activities.  
0640- Gothic removing non-native invasive plant species in the 5.2-acre "Gothic Area" located on the west side of the Arroyo Seco. Crew starting the day in the southwest corner of this work area (DG-4C).  
0900- Crew on AM break.  
0915- Crew back to work weeding in north end of DG-4 and DG-W-2.  
1200- Crew on lunch break.  
1230- Crew back to work removing non-native plant species along the north end of DG-4 and DG-4C.  
1430- crew cleaning up and disposing of collected weed material.  
1440- Gothic and ICF leaving the site.

**Additional Comments**

N/A

**Signature**







**Crew\_removing\_weeds\_FacingW.jpg**  
-118.17465479444445 34.192805



**Crew\_Removing\_Weeds\_FacingSE.jpg**  
-118.17461113888889 34.19312572222222





**Crew\_\_removing\_invasive\_weeds\_FacingSE.jpg**  
-118.17446430555556 34.19368169444444



**Crew\_Removing\_Weeds\_FacingW.jpg**  
-118.17344663888889 34.19374955555556

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 8, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	64 °F	0-3 MPH	0 %
End of Day	14:30	86 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed removal.
2. 4, hand tools.
3. 4, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

CASJ, CALT, MODO, BHGB, SPTO, SOSP, ALHU, Amazonia sp., BEWR, AMCR, RSHA, MALL, NRWS, ACWO, CAQU, California ground squirrel, Yellow jacket, WREN, HOFI, and Alligator lizard.

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

**Log Entry**

0620 Crew began arriving  
0640 I began showing Genero the area we want them to hit in DG-4, DG-4A, DG-4 drainage.  
0650 I began clearing the area.  
0710 I finished clearing the area, alerted the crew, and they began work.  
0720 I went to double check next weeding area to confirm no nesting activity.  
0750 I finished double checking the next weeding area.  
0835 Crew broke for first break. I also marked a yellow jacket nest and will have crew avoid the area.  
0855 Crew returned from first break and resumed weeding.  
1055 Crew broke for lunch.  
1135 Crew returned from lunch and loaded up the truck with full tarps to be unloaded in the dumpster.  
1140 Crew began unloading tarps into the dumpster. The loading and unloading of full tarps continued periodically throughout the rest of the day.  
1330 Crew broke for second break.  
1355 Crew returned from second break and resumed weeding.  
1415 Crew is focusing on removing full tarps to unload at the dumpster and wrapping up for the day.  
1430 Crew finished putting everything away and left for the day.

**Additional Comments**

N/A

**Signature**







**side\_work\_area\_during\_facingSW.jpg**  
 -118.1753188888889 34.1920158333333



**work\_area\_before\_facingSE.jpg**  
 -118.17583194444445 34.1918808333333





**work\_area\_during\_facingSE.jpg**  
 -118.1758288888889 34.19192083333333



**work\_area\_after\_facingSE.jpg**  
 -118.1758277777778 34.19189777777776



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	65 °F	0-3 MPH	0 %
End of Day	14:35	94 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Activities associated with restoration is limited to the removal and disposal of non-native invasive plant species.
- 2) Equipment associated with today's restoration activities limited to hand tools, particularly hoes.
- 3) Gothic is comprised of 10 men plus their foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: CAQU, AMCR, ALHU, NUWO, CALT, SPTO, BEWR, ACWO, ECDO, MODO, HOFI, CASJ, OATI, HUVI, BARS, BGGN, NOMO, BHGR, RTHA, NRWS, HOWR, LEGO, SOSP, COHA  
Herps: Great Basin fence lizard, San Diegan tiger whiptail, California toad  
Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0620- ICF biologist arrived  
0630- Gothic arrived and mobilized for today's activities.  
0640- Gothic crew removing non-native invasive plant species from restoration area located on the west side of the Arroyo Seco staring in the northeast corner of DG-4 and moving south.  
0800- Gothic crew now removing weeds in DG-W-2.  
0900- Crew on AM break.  
0915- Crew removing weeds along southeast corner of DG-W-2.  
1200- Crew on lunch break  
1230- Crew back to work removing invasive non-native plant species from DG-W-2.  
1425- Crew picking up and disposing of removed material.  
1435- Gothic and ICF biologist leaving the site for the day.

**Additional Comments**

N/A

**Signature**





**Crew\_removing\_weeds\_DG-4\_FacingSE.jpg**  
-118.17313904166667 34.193929499999996



**Crew\_removing\_weeds\_DG-W-2\_FacingN.jpg**  
-118.17375176666667 34.192610861111106





**Crew\_Removing\_Weeds\_DG-W-2\_facingE.jpg**  
-118.1746251388889 34.192838861111106

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: July 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:15	95 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement
2. Hand tools (hoes, shovels)
3. Nature's Image, crew lead Genaro

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

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

**List of species observed while monitoring:**

ACWO, BGGN, SPTO, CALT, NOMO, CAQU, BUSH, MODO, LEGO, CASJ, SOSP, HOFI, AMCR, CAKI, BEWR, ANHU, NUWO, CATH, Western toad, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Desert cottontail, California ground squirrel, Eastern fox squirrel

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

**Log Entry**

0630 Arrive on site

0645 Began sweep of work area (DG-4A) prior to work commencing.

0655 Work area cleared for work.

0700 Nature's Image crew begin weed abatement activities.

-The crew removes non-native weed species such as poison hemlock (*Conium maculatum*), shortpod mustard (*Hirschfeldia incana*), and perennial pepperweed (*Lepidium latifolium*). The crew carries them out of the restoration area in tarps while leaving native species intact.

1210 After lunch, part of the crew moves to DG-4, south of the DG-W-2 channel.

1400 No nesting bird activity was observed today.

1410 Crew picks up the last few tarps full of weeds and takes them to the dumpster.

1415 Depart site.

**Additional Comments**

N/A

**Signature**







**DG4A\_before\_facingSE.jpg**  
-118.17566769444444 34.19170483333333



**DG4A\_during\_facingSE.jpg**  
-118.17568527777779 34.191699888888884



**DG4-A\_after\_facingSE.jpg**  
-118.1756547222223 34.1917096666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Nicole Argueta**  
**Company: ICF**  
**Date of Log: July 10, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:30	70 °F	0-3 MPH	0 %
End of Day	15:00	95 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive species removal.
2. Hand pulling/hand tools and one line trimmer.
3. Gothic Landscaping. Crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: ROPI CANG LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA RCKI MALL ANHU  
ALHU OATI ACWO AMCO SAPH BLPH RUDU WREN NOFL EUST NRWS BUSH RTHA AMRO GBHE COHA  
BNST GREG CAQU RCKI HUVI SPTO OSPR KILL RSHA COHA OCWA EGGO BARS CLSW NAWA DCCO CATH  
WIWA MIPA PHAI YBCH BGGN BUOR NUWO LASP BTPI LEGO DEJU TUVU RWBL SPTO LEGO NOFL BUFF  
YEWA WTSW WETA AGOL

Reptiles: western fence lizard, side-blotch lizard, southern Pacific rattlesnake, gopher snake, red-eared slider, coastal whiptail

Mammals: desert cottontail, California ground squirrel, Pocket Gopher

Amphibians: western toad

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0910: Crew continues removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.

1000: Biologist set buffer for Nuttall's Woodpecker nest.

1030: Crew continues removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.

1130: Biologist set buffer for Mourning Dove nest.

1200: Crew breaks for lunch.

1230: Crew returns to removing invasive weeds on the west side of Arroyo Seco. Main target species include tree tobacco, dodder, erodium, poison hemlock, mustard and non-native grasses.

1440: Crew stops works for the day.

**Additional Comments**

N/A



Signature

Amre



MODO\_activenest\_facingNE.JPG





**Invasive\_plant\_removal\_facingSouth.JPG**  
-118.17477500000001 34.19259444444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carly Taylor**  
**Company: ECORP**  
**Date of Log: July 10, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	72 °F	0-3 MPH	0 %
End of Day	14:15	95 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. No equipment, pulling by hand
3. Nature's Image (4-Genaro)

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

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

**List of species observed while monitoring:**

RSHA, BGGN, ANHU, parrot sp., SPTO, CALT, LEGO, NOMO, SOSPO, HOFI, BHGR, MODO, CASJ, NRWS, Cottontail, ALHU, BTPI, OATI, Western fence lizard, NUWO, BEWR, CAQU, CAKI, COHA, Woodrat, CLSW, ACWO, CORA, Coyote, RTHA, WEBL, WBNU, Coastal whiptail, California ground squirrel

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

**Log Entry**

0635: arrived on site for pre-sweep

0650: found dead juvenile cottontail in restoration area. Notified Lauren & crew. Flagged area for potential future collection by CDFW.

0700: crew began work (3 including Genaro. One will be arriving late). Removing primarily poison hemlock and mustard. Some occasional perennial pepper weed.

0839: old inactive nest uncovered in dense poison hemlock patch. Crew worked around it. Multiple woodrat middens being left a buffer.

0850-0920: break

0943: BGGN pair observed feeding two fledglings. Not in immediate work area.

1050-1140: lunch

1147: CASJ pair with fledgling. Can hear fledgling begging. Crew not working in this area.

1420-1450: break

1450: cleaning up vegetation piles. Pulling a little more, but mostly cleaning up due to heat & small crew.

**Additional Comments**

N/A

**Signature**



## West Elevation

☉ 87°E (T) LAT: 34.191975 LON: -118.174995 ±13ft ▲ 1045ft



10 Jul 2024, 06:47:50

Pre\_vegetation\_removal.jpg

## North West Elevation

☉ 130°SE (T) LAT: 34.191975 LON: -118.174994 ±13ft ▲ 1045ft



10 Jul 2024, 06:47:47

Pre\_vegetation\_removal\_2.jpg





Post\_vegetation\_removal\_facing\_NE.jpg



Post\_veg\_removal\_2.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 11, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	69 °F	0-3 MPH	10 %
End of Day	14:35	91 °F	0-3 MPH	25 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to the removal of non-native invasive plant species.
- 2) Equipment limited to hand tool, particularly hoes.
- 3) Gothic crew comprised of 10 men, plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: CASJ, CALT, ACWO, ECDO, BGGN, MODO, ALHU, BHGR, Red-masked Parakeet, NUWO, SPTO, ANHU, NRWS, TUVU, RTHA, HOFI, LEGO, BEWR, NOMO, COHA  
Herps: Great Basin fence lizard, San Diegan tiger whiptail  
Mammals: California ground squirrel, Desert cottontail

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

**Log Entry**

0620- ICF biologist arrived.  
0630- Gothic arrived and mobilized.  
0640- Gothic removing non-native invasive weeds along the west side of the Arroyo Seco in DG-W-2.  
0900- Gothic crew on AM break.  
0915- Gothic crew back to work removing non-native invasive weeds. Activities in DG-4 and DG-W-2.  
1200- Gothic crew on lunch break.  
1230- Gothic crew back to work removing non-native invasive weeds. Activities in DG-4 and DG-W-2.  
1430- Gothic cleaning up and demobilizing.  
1435- Gothic and ICF biologist leaving site.

**Additional Comments**

N/A

**Signature**





**Crew\_AM\_tailboard\_facingNW.jpg**  
-118.17519579166667 34.19257674999999



**Crew\_removing\_weeds\_DG-W-2\_facingS.jpg**  
-118.1746102638889 34.19301930555555





**Crew\_disposing\_of\_removed\_weeds\_FacingS.jpg**  
-118.17533659444445 34.19257448888889



**DG-4\_weed\_removal\_FacingSE.jpg**  
-118.17388279722223 34.19226227777777

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 11, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	68 °F	0-3 MPH	5 %
End of Day	14:35	88 °F	0-3 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed clearing.
2. 4, hand tools.
3. 4, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

SPTO, MODO, AMCR, CASJ, HOFI, Amazonia sp., WEBL, CAQU, BEWR, BHGR, SOSP, BLPH, WREN, NRWS, TUVU, CALT, Western fence lizard.

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

**Log Entry**

0620 Crew began arriving.  
0635 Genero took me to where they are continuing to work in DG-4.  
0640 I started clearing the area.  
0700 I finished clearing the area.  
0705 Crew began weeding using hand tools and hand pulling of target species. Target species: *Hirschfeldia incana*, *Conium maculatum*, *Lepidium latifolium*, *Verbascum thapsus*.  
0855 Crew broke for first break  
0915 Crew returned from break and resumed weeding. Tatiana moved to irrigation.  
1100 Crew broke for lunch.  
1155 Crew returned from lunch.  
1325 Crew broke for last break.  
1345 Crew returned from last break.  
1420 Crew started wrapping it up for the day.  
1435 Everything is put away and the crew is leaving for the day.

**Additional Comments**

N/A

**Signature**







portion\_of\_work\_area\_start\_facingNNE.jpg  
 -118.1747647222222 34.19183277777776

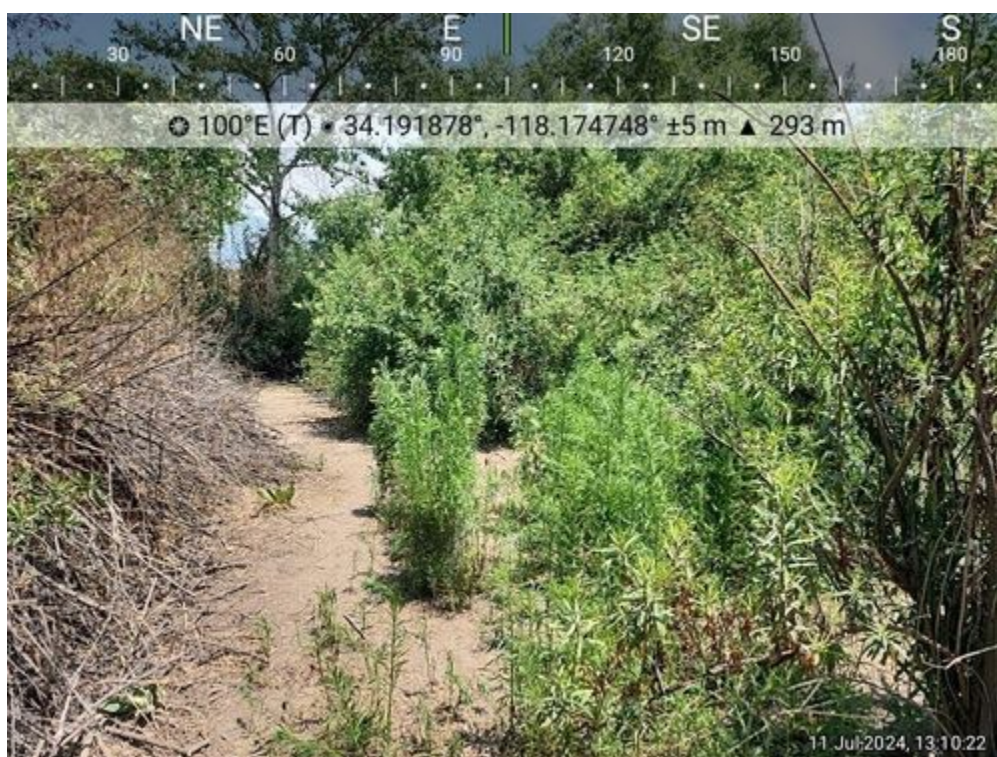


portion\_of\_work\_area\_during\_facingNE.jpg  
 -118.1748238888889 34.19181694444444





portion\_of\_work\_area\_after\_facingNNE.jpg  
-118.174715 34.1918388888889



side\_work\_area\_after\_facingE.jpg  
-118.1747477777778 34.1918777777776

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: July 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	100 %
End of Day	14:00	89 °F	4-6 MPH	50 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU EGGO BARS CLSW NAWA CATH MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA WEBL KILL SNEG AMKE CANG WBNU COHA EUST  
Red Crowned Parrot GREG OCWA RUDU YEWA BHGR YBCH WTSW  
Reptiles: western fence lizard, side-blotch lizard  
Mammals: California ground squirrel, Desert cottontail  
Amphibians: Western Toad

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

**Log Entry**

0630: Arrive on site.  
0640: Safety tailgate.  
0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and large stands of poison hemlock.  
0900: Crew takes a break.  
0915: Crew continues invasive species removal in DG-W-2.  
1200: Crew breaks for lunch.  
1230: Crew continues invasive species removal in DG-W-2.  
1400: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





Invasive\_removal\_DG-W-2\_facingW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: July 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	64 °F	0-3 MPH	100 %
End of Day	14:15	85 °F	0-3 MPH	75 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive plant removal
2. Shelves, hoes
3. Natures Image , 4 person crew, Genaro Vargas (foreman)

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

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

**List of species observed while monitoring:**

MODO, SPTO, CASJ, CALT, RCPA, CAQU, COHA, CORA, HOFI, RWBL, CATH, BARS, SOSP, BGGN, BUSH, western fence lizard, California ground squirrel, Desert cottontail

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

**Log Entry**

0615 arrived onsite

0630 G. Vargas shows me the work area. Crew working to clear transect line at approximately 34.192409 N 118.174606W.

0642 cleared work area. Crew starts working clearing majority of poison hemlock and mustard.

0704 G. Vargas informs me the crew is to take an hour long training after lunch for Natures Image. His is two hours long.

0819 crew member finds cottonwood tree with sap stains and small holes present. Marked tree in Fieldmaps with a generic point, sent photographs to Carley (ECORP).

0847 crew breaks.

0910 crew returns from break.

0940 I find more cottonwood trees in the area with sap and holes.

1048 crew breaks for lunch.

1140 crew returns from lunch and starts their virtual training for Natures Image.

1245 two crew members return to work. One crew member moves to irrigation tasks. G. Vargas still working on training.

1316 G. Vargas returns from training.

1322 crew breaks.

1340 crew returns.

1404 crew starts cleaning up for the day.

1425 left site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of a stylized, elongated shape with a horizontal line extending to the right.

Restoration\_area\_before\_weeding.jpg



Restoration\_area\_during\_weeding.jpg



After\_facingSW.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:30	63 °F	4-6 MPH	10 %
<b>End of Day</b>	14:30	87 °F	7-9 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration monitoring
2. Tarps (7), hoes (4), hula hoes (2), rake (1), snips (1)
3. Gothic Landscape crew of 10 plus Juan as crew lead

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: CALT, BEWR, CASJ, RCPA, NUWO, LEGO, ACWO, BGGN, AMCR, CORA, OCWA, YEWA, SPTO, COHA, HOFI, WEFL, WREN, SOSP, WTSW, CATH, MODO, SNEG, MALL, BASW, BTPI, BUSH, OATI, RTHA

Mammals: California ground squirrel, desert rabbit

Reptiles: western fence lizard, western whiptail

Invertebrates: cabbage white, western tiger swallowtail, dragonfly, skipper, asian lady beetle, blow fly, aphid, pallid winged grasshopper, harvester ant, honeybee, leaf hopper, hover fly, van dyke bumblebee, California digger bee, orb weaver, black tailed bumblebee, California bumblebee, mourning cloak, yellowjacket, katydid

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

**Log Entry**

0630 Arrived on site.

0650 Crew heads to southern end of site to begin non-native vegetation removal in DG-2. Two crew members work on irrigation maintenance.

0720 Observed two Anna's hummingbird fledglings about 10 feet from the nest being fed. One fledgling using an old nest as a perch.

0815 Observed house sparrow nest to determine status.

0900 Crew takes break.

0915 Crew returns to work in DG-2.

0920 Observed an adult quail with at least 10 fledglings.

0930 Crew targeting dodder.

0950 Observed barn swallow collecting nesting material.

1100 Observed 4 different bee species foraging on Distant phacelia.

1200 Crew takes lunch.

1230 Crew returns to work.

1300 Crew has been working south along the pedestrian path hitting DG-2 WOUS and the DG-2 new channels.

1325 Observed deceased American crow in DG-2 WOUS.

1400 Water technicians go to turn off the irrigation.

1430 Crew wraps up work for the day and throws away the last of removed vegetation.

**Additional Comments**

N/A



Signature

*Amanda Martinez*



ANHU\_fledglings\_east\_of\_DG2\_facingS.jpg  
-118.17136635 34.19044983333333





**DG2WOUS\_vegetation\_removed\_facingN.jpg**  
-118.17282035000001 34.18862872222222



**AMCR\_deceased\_DG2\_newchannels\_facingS.jpg**  
-118.1717130277778 34.1906726





**Westernwhiptail\_JohnsonField\_facingS.jpg**  
-118.17105552777778 34.19190427777777

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: July 15, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	02:15	61 °F	0-3 MPH	10 %
End of Day	14:35	87 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive plant removal
2. Shovels, hoes, rakes
3. Natures Image, three man crew (Genaro Vargas, foreman) additional three man crew from other city

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

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

**List of species observed while monitoring:**

HOLA, CAQU, SPTO, RCPA, HOFI, YEWA, BEWR, BGGN, CALT, HOSP, CASJ, BHGR, ACWO, BCHU, MODO, Desert cottontail, Western fence lizard, Coastal whiptail

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

**Log Entry**

0615 arrived onsite  
0630 Genaro Vargas shoes me work area. Crew working in DG-W-2 & DG-4 pulling mostly poison hemlock.  
Approximately 34.192159 N, 118.174703 W  
0653 area cleared. Crew starts working  
0850 crew breaks  
0916 crew returns to work  
1046 crew breaks for lunch.  
1135 crew returns from lunch.  
1317 crew breaks.  
1345 three-man crew returns. Additional city crew left for the day.  
1355 observed coastal whiptail.  
1413 crew starts cleaning up for the day  
1435 left site.

**Additional Comments**

N/A

**Signature**







Before\_facingSW.jpg



During\_facingNE.jpg





Restoration\_area\_before\_weeding.jpg



After2\_facingE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:09	64 °F	0-3 MPH	0 %
End of Day	14:41	86 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Resoration activities limited to the removal of non-native invasive plant species.
- 2) Equipment limited to the use of hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: Red-masked Parakeet, COHA, CALT, SPTO, CASJ, BHGR, HOFI, SOSP, LEGO, AMCR, KILL, OATI, BUSH, ALHU, ANHU, TUVU, BEWR, RTHA

Herps: Great Basin fence lizards, San Diegan tiger whiptail

Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0610- ICF biologist on-site

0630- Gothic arrived and mobilized

0645- Gothic crew working on east side of Arroyo Seco. Starting with removing non-native invasive plant species in DG-3B and Side Slopes (Episodic Maintenance Areas).

0900- Crew on AM break.

0915- Crew back to work weeding in DG-3B and Side Slopes.

1200- Crew on lunch break.

1230- Crew back to work weeding along Side Slopes.

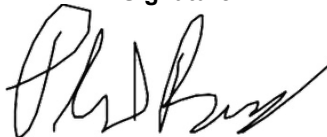
1420- Crew cleaning up 1

440- Gothic and ICF biologist leaving site

**Additional Comments**

N/A

**Signature**







**Crew\_compacting\_disposed\_material\_facingSW.jpg**  
-118.17146341666667 34.19233025



**Crew\_removing\_weeds\_DG-3B\_FacingNW.jpg**  
-118.17316765555556 34.18781551944444





**Crew\_removing\_weeds\_SideSlope\_FacingW.jpg**  
-118.17323288888889 34.18801459722222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: July 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:05	62 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive vegetation removal
2. Hoes, shovels
3. Natures Image, four man crew (Genaro Vargas foreman) plus four man Natures Image crew from other city

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

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

**List of species observed while monitoring:**

AMRO, WEBL, CASJ, SPTO, CAQU, BEWR, HOFI, MODO, California ground squirrel, RCPA, BCHU, LEGO, CALT, BGGN, NOMO, NRWS, COHA, Western fence lizard, Side blotched lizard, ATFL, Desert cottontail, Coastal whiptail  
RTHA

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

**Log Entry**

0605 arrived onsite  
0630 Genaro Vargas shows me work area for the day. Crew still continuing on working in DG-4 approximately 44.191886 N, 118.174889 W  
0654 crew starts working pulling mostly poison hemlock  
0849 crew breaks  
0922 crew returns from break  
0925 crew member finds an old nest in the floor. Directed to work around it. Dropped a point in field maps.  
0936 crew member finds egg on the floor. No nest found in trees surrounding area. Marked point on map.  
1050 crew breaks for lunch.  
1140 crew returns from lunch  
1305 reminded the crew their cart must stay on already made path. Cart was parked in undesignated area.  
1321 crew takes second break.  
1350 crew returns from second break. The crew from other city leaves for the day.  
1409 crew starts cleaning for the day.  
1430 left site

**Additional Comments**

N/A

**Signature**





Start\_facingSW.jpg



During\_facingE.jpg





During2\_facingS.jpg



End\_facingSE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 17, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	70 %
End of Day	14:25	88 °F	0-3 MPH	35 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed vegetation clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

CALT, MODO, SPTO, CASJ, ACWO, AMCR, Amazonia sp., BEWR, SOSP, ANHU, BHGR, HOFI, CAQU, desert cottontail, western fence lizard, HOOR, California ground squirrel, BLPH, RSHA, BGGN, RTHA.

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

**Log Entry**

0620 Crew started arriving.

0640 Genero showed me to the area where they'll be working in DG-4 and DG-W-2, and I began clearing the area.

0700 I finished clearing the area and alerted Genero. The crew arrived shortly after and began weeding. Target species: *Lepidium latifolium*, *Conium maculatum*, *Marrubium vulgare*, *Brassica nigra*. Method/tools: hand tools and hand pulling.

0855 Crew broke for first break.

0915 Crew returned from break.

1050 Crew broke for lunch.

1135 Crew returned from lunch.

1200 Added unknown\_2 inactive nest point. Details in fieldmaps.

1325 Crew broke for second break.

1345 Crew returned from break.

1410 Crew began to wrap up for the day.

1425 Crew finished putting everything away and has left for the day.

**Additional Comments**

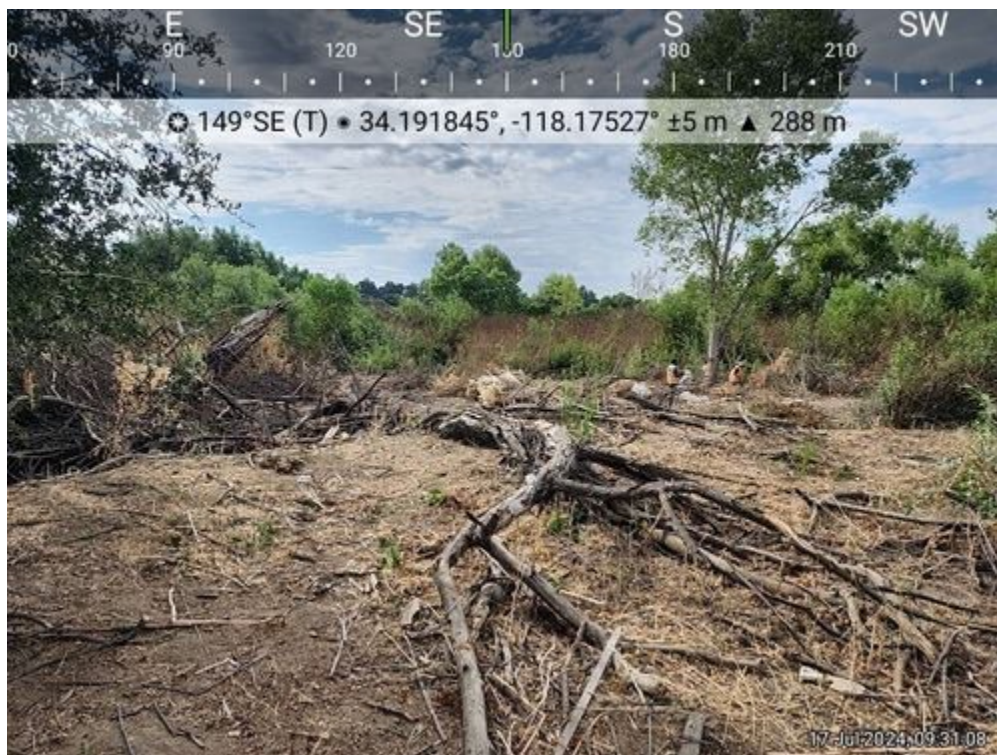
N/A

**Signature**





**work\_area\_start\_facing\_SE.jpg**  
 -118.17528583333333 34.19184694444444



**work\_area\_during\_facing\_SE.jpg**  
 -118.17526972222223 34.191844999999994





**work\_area\_end\_facing\_SE.jpg**  
-118.1752597222222 34.19198777777776



**work\_area\_side\_after\_facing\_SW.jpg**  
-118.17508583333334 34.19156472222222

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: July 17, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	4-6 MPH	70 %
End of Day	14:40	82 °F	4-6 MPH	25 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps (6), hoes (4), buckets (2)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

Yellow breasted chat, Yellow warbler

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

**List of species observed while monitoring:**

Birds: CALT, CASJ, AMCR, SOSP, OATI, BEWR, CAQU, RSHA, BLPH, WEFL, SPTO, WREN, WBNU, RCPA, COHA, ANHU, MALL, DEJU, BUSH, YEWA, HUVI, YBCH, HOFI, MODO, CORA, HOWR, ALHU, ACWO, RTHA

Mammals: Desert cottontail, California ground squirrel

Reptiles: western fence lizard, side-blotched lizard

Amphibians: western toad

Invertebrates: yellow-faced bumblebee, orb weaver, skipper, aphid, honeybee, convergent lady beetle, cabbage white, pallid-winged grasshopper, yellow jacket, dragonfly, red admiral, crane fly, hoverfly, leaf hopper, blowfly, pale-lined angle, California digger bee, western tiger swallowtail, mourning cloak, California sister, harvester ant, van dyke bumblebee, lacewing, typical blues

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

**Log Entry**

0630 Crew arrived on site.

0640 Crew heads to south end of site to begin vegetation removal on the side slopes working their way north.

Irrigation turned on and additional plantings watered.

0650 Observed Bewick's wren fledgling in DG-2.

0750 Observed yellow-breasted chat calling in DG-2.

0900 Crew takes break.

0915 Crew returns to work.

1020 Observed yellow warbler gleaning.

1100 Observed Allen's hummingbird fledgling being fed near the nest.

1130 Crew working into DG-2 along with the side slopes.

1200 Crew takes lunch.

1230 Crew returns to work.

1430 Crew finished side slopes and part of DG-2 adjacent to the side slopes. Irrigation turned off.

1440 Removed vegetation placed in dumpster.

**Additional Comments**

N/A



Signature

*Amanda Martinez*



Sideslopes\_pre\_vegetation\_removal\_facingE.jpg  
-118.17284651944445 34.18961377777777



**Sideslopes\_vegetation\_removed\_facingE.jpg**  
-118.17284486944445 34.189606194444444



**Sideslopes\_post\_vegetation\_removal\_facingE.jpg**  
-118.17283628888889 34.18961125

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 18, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	65 °F	0-3 MPH	25 %
End of Day	14:30	91 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activity limited to the removal of non-native invasive plant species.
- 2). Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: AMCR, CALT, ALHU, CASJ, SPTO, Red-masked Parakeet, COHA, RTHA, BLPH, ATFL, PSFL, CAQU, BUSH, MODO, NUWO, ACWO, OATI, WREN, BEWR, SOSP, ANHU  
Herps: Great Basin fence lizard, San Diegan tiger whiptail  
Mammals: California ground squirrel, Desert cottontail

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

**Log Entry**

0620- ICF biologist arrived  
0630- Gothic arrived and mobilized.  
0640- Crew removing non-native invasive plant species in DG-8.  
0900- Crew on AM break.  
0915- Crew back to work removing non-native invasive plant species within DG-2, DG-8, and west side of DG-W-1.  
1200- Crew on lunch break.  
1230- Crew removing non-native invasive plant species within and adjacent to north end of DGW-2  
1420- Crew cleaning up and disposing of collected material.  
1435- Gothic crew and ICF biologist leaving the site.

**Additional Comments**

N/A

**Signature**







**Crew\_AM\_Tailgate\_JohnsonField\_FacingS.jpg**  
-118.17142659722222 34.19231530555555



**Crew\_removing\_weeds\_DG-8\_FacingSW.jpg**  
-118.17155451111111 34.19253293055555





**Gothic\_crew\_member\_weeding\_FacingN.jpg**  
-118.17191261111111 34.191417055555554



**Crew\_weeding\_DG-W-2\_facingW.jpg**  
-118.17080787222223 34.191761138888886

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	66 °F	0-3 MPH	30 %
End of Day	14:25	88 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation weed clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

NUWO, CASJ, MODO, CALT, AMCR, RTHA, SPTO, CAQU, BEWR, BLPH, Amazonia., HOFI, ACWO, CAKI, CATH, BHGR, BGGN, ATFL, NRWS, whiptail sp., western fence lizard, California ground squirrel.

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

**Log Entry**

0620 I arrived onsite.

0640 I began clearing the area where they will continue to work in DG-4 and DG-W-2.

0700 I deactivated BHGR\_1. Details in fieldmaps.

0710 I finished clearing the area, alerted the crew, and the began work shortly after. Target species: *Conium maculatum*, *Brassica nigra*, *Verbascum thapsus*, *Lepidium latifolium*. Method/tools: hand pulling and hand tools.

0850 Crew broke for first break.

0915 Crew returned from break.

1055 Crew broke for lunch.

1150 Crew returned from lunch.

1325 Crew broke for second break.

1345 Crew returned from break.

1410 Crew began wrapping up for the day.

1425 Crew finished putting everything away and have left for the day.

**Additional Comments**

N/A

**Signature**







**work\_area\_start\_facingE.jpg**  
 -118.17476694444444 34.19208083333333



**work\_area\_during\_facingE.jpg**  
 -118.1747288888889 34.19206777777777





**work\_area\_end\_facingE.jpg**  
-118.17472583333334 34.19207194444444



**side\_area\_end\_facingNE.jpg**  
-118.17494194444446 34.19166194444444



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	64 °F	0-3 MPH	0 %
End of Day	13:50	93 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to removal of non-native invasive plant species.
- 2). Restoration equipment limited to hand tools, particularly hoes.
- 3). Gothic crew comprised of 10 men plus foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: CALT, BHGR, RTHA, CASJ, CAQU, LEGO, HOFI, AMCR, PSFL, SPTO, ACWO, COHA, NUWO, ALHU, NRWS, Red-masked Parakeet, ANHU

Herps: Great Basin fence lizard, San Diegan tiger whiptail

Mammals: Desert cottontail, California ground squirrel

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

**Log Entry**

0615- ICF Biologist arrived at Johnson Field staging area.  
0630- Gothic crew arrived and mobilized.  
0640- Crew removing non-native invasive plant species along the east side of DG-W-1.  
0900- Crew on AM break.  
0915- Crew removing non-native invasive weeds along south end of DG-W-1.  
1000- Crew now removing weeds around the center of DG-W-1.  
1200- Crew on lunch break.  
1230- Crew removing non-native invasive plant species within the interior of DG-W-1.  
1340- Crew cleaning up and disposing of removed material.  
1350- Gothic crew and ICF biologist leaving site.

**Additional Comments**

N/A

**Signature**





**Crew\_removing\_weeds\_DG-W-1\_FacingSW.jpg**  
-118.1707196666667 34.19179538888885



**Crew\_removing\_weeds\_DG-W-1\_facingW.jpg**  
-118.1715133611111 34.1908201472222



**Crew\_removing\_weeds\_DG-W-1\_\_FacingS.jpg**  
-118.17188138888889 34.19153234444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	66 °F	0-3 MPH	0 %
End of Day	14:15	94 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed vegetation clearing.
2. Hand tools, 7.
3. 7, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

AMCR, CALT, MODO, HOOR, SPTO, CASJ, Amazonia sp., BEWR, CAQU, SOSP, RSHA, BHGR, BUSH, HOFI, RTHA, WTSW, ACWO, raccoon.

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

**Log Entry**

0620 I arrived onsite.

0640 I began clearing the area in DG-4 and DG-W-2 they are continuing in from yesterday.

0700 I finished clearing the area, alerted the crew, and they began work shortly after. Target species: *Conium maculatum*, *Brassica nigra*, and *Lepidium latifolium*. Method/tools: hand pulling and hand tools.

0855 Crew broke for first break.

0920 Crew returned from break.

1055 Crew broke for lunch.

1145 Crew returned from lunch.

1325 Crew broke for second break.

1350 Crew returned from second break.

1400 Crew began wrapping up for the day.

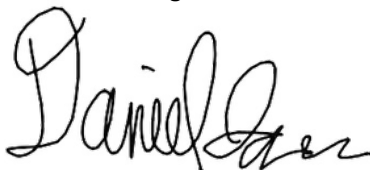
1415 Crew has finished putting everything away and left for the day.

Next week the crew will continue where they were working in DG-4. Irrigation maintenance will also continue.

**Additional Comments**

N/A

**Signature**







**work\_area\_start\_facingE.jpg**  
-118.17465777777778 34.192076944444445



**work\_area\_during\_facingE.jpg**  
-118.17462388888889 34.19207583333333





**work\_area\_end\_facingE.jpg**  
 -118.1746727777779 34.1920638888889



**side\_view\_end\_facingNW.jpg**  
 -118.17447194444445 34.1921069444444

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	15:00	94 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

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

Yellow warbler

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

**List of species observed while monitoring:**

Bird: Wrentit, California Scrub Jay, House Wren, Bewick's Wren, Oak Titmouse, Anna's Hummingbird, Acorn Woodpecker, Ash-throated Flycatcher, American Crow, Sharp-shinned Hawk, Northern Mockingbird, Black-headed Grosbeak, Spotted Towhee, Bushtit, Blue-grey Gnatcatcher, Red-crowned Parrot, Yellow Warbler, California Quail, Lesser Goldfinch, Hooded Oriole, Phainopepla, Common Raven, Red-tailed Hawk, Red-shouldered Hawk, Cassin's Kingbird, California Towhee, Killdeer, Cliff Swallow  
Mammals: Audubon's Cottontail, Beechey Ground Squirrel  
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

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

**Log Entry**

0730 - Walked DG-2 and Johnson Field searching for new nests or any problematic weed areas  
0800 - Found small Arundo growing in DG-2  
0830 - Spoke with ECORP monitor for dredging crew  
0900 - Gothic crew break  
0915 - Showed Gothic crew lead Juan to the Arundo and indicated to keep an eye out for any more and to pull on sight  
1145 - Gothic crew broke for break  
1230 - Observed dredging work to watch for any potential biological constraints  
All day - Crew weeded along the north and east ends of Johnson Field

**Additional Comments**

Biologist found a small Arundo donax growing in a blackberry patch within DG-2. Area should be monitored to ensure no resprouting occurs and stay vigilant for other specimens that may be in the area. Location was marked on map with general point.

**Signature**







**Crew\_weeding\_Johnson\_Field.jpg**  
-118.17181527222223 34.19119290833333



**Small\_arundo\_found\_in\_DG-2.jpg**  
-118.17223037777778 34.19014134166666



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	15:00	94 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10+ crew lead Juan

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

Yellow warbler

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Blue-grey Gnatcatcher, Black-headed Grosbeak, House Finch, Cassin's Kingbird, Red-crowned Parrot, Oak Titmouse, Black Phoebe, Lesser Goldfinch, Spotted Towhee, Yellow Warbler, Wrentit, California Quail, Anna's Hummingbird, Nuttall's Woodpecker, Acorn Woodpecker, Song Sparrow, Ash-throated Flycatcher, American Crow, Common Raven, Turkey Vulture, Mourning Dove, Bewick's Wren, Northern Flicker, House Wren, Northern Mockingbird, Red-tailed Hawk  
Mammals: Audubon's Cottontail, Beechey Ground Squirrel  
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

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

**Log Entry**

0730 - Walked the lower end of DG-2 looking for any nests or problematic weed locations  
0915 - Gothic crew broke for break  
1145 - Gothic crew broke for lunch  
All day - Crew weeded along the north and east end of Johnson Field and DG-2

**Additional Comments**

**Signature**

A handwritten signature in black ink, appearing to be 'CS' or similar, written in a cursive style.



**Weeds\_removed\_from\_Johnson\_Field.jpg**  
-118.17098672222222 34.19101194444444



**Dredging\_work.jpg**  
-118.17257716666667 34.19096641666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 24, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	68 °F	0-3 MPH	15 %
End of Day	14:35	92 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration irrigation maintenance.
2. Irrigation hand tools,
3. 3, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

BEWR, MODO, CATH, CAQU, CASJ, Amazonia sp., ALHU, AMCR, CALT, BUSH, HOFI, NUWO, ACWO, CAKI, RTHA

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

**Log Entry**

0625 I arrived onsite.

0700 Crew began doing irrigation maintenance in DG-4, DG-4A, and DG-4 WOUS while I monitored them.

Tools: irrigation hand tools.

0855 Crew broke for first break.

0920 Crew returned from first break.

1050 Crew broke for lunch.

1135 Crew returned from lunch. Crew is now focusing on DG-W-2 (Mining pit), DG-W-2 (Mining pit outlet), DG-4, DG-4A, and Tire wash.

1330 Crew broke for second break.

1350 Crew returned from second break.

1420 Crew started wrapping up for the day.

1435 Crew have finished putting everything away and left for the day.

**Additional Comments**

N/A

**Signature**







irrigation\_line\_check\_facingWSW.jpg  
 -118.17298277777778 34.19257472222222



irrigation\_line\_plugging\_hole\_facingW.jpg  
 -118.17398388888889 34.192539999999994





**chewed\_line\_repair\_before\_facingW.jpg**  
-118.17484694444445 34.19049277777778



**chewed\_line\_repair\_after\_facingW.jpg**  
-118.17488 34.19051083333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: July 24, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	70 °F	0-3 MPH	10 %
End of Day	14:50	92 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps (6), hoes (5), hula hoes (2), rake (2), snips (4)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: CALT, ANHU, WREN, BUSH, AMCR, BLPH, CASJ, CAQU, HOFI, BHGB, BGGN, ATFL, BEWR, MODO, SPTO, YEWA, SONG, BARS, ALHU, LEGO, COHA

Mammals: desert cottontail

Reptiles: western fence lizard, western whiptail

Invertebrates: carpenter bee, dragonfly, harvester ant, honeybee, cabbage white, hover, western tiger swallowtail, orb weaver, red admiral, yellow-faced bumblebee, dragonfly, blowfly, gulf fritillary, prey mantis, katydid, gray buckeye, California sister,

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

**Log Entry**

0635 Crew on site.

0650 Crew heads to the south end of DG-2.

0655 Observed juvenile Acorn Woodpecker with visible downy on electrical pole.

0725 Crew moving into DG-2B removing non-natives along trail, guiding native vines away from trail, and raking leaves from trail into restoration area. Irrigation turned on.

0800 Additional plantings being watered with buckets.

0830 Crew moved into southwest of DG-2 working north.

0900 Crew takes break.

0915 Crew returns to work.

1000 Worker removes chicken wire from base of mulefat that was cutting into its branches.

1200 Crew takes lunch.

1230 Crew returns to work.

1355 Observed Allen's Hummingbird fledgling foraging in an oak tree.

1440 Crew wrapping up work for the day.

**Additional Comments**

N/A



Signature

*Amanda Martin*



DG-2\_vegetation\_removed\_facingN.jpg  
-118.17223308888889 34.189395749999996



**DG2B\_pre\_vegetation\_removal\_facingS.jpg**  
-118.17238123055556 34.18882823055555



**DG2B\_post\_vegetation\_removal\_facingS.jpg**  
-118.17236141111111 34.18890648055555





**ANHU\_fledgling\_DG2WOUS\_facingW.jpg**  
-118.17150506944445 34.19056775

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: July 25, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	73 °F	0-3 MPH	0 %
End of Day	14:05	96 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew, crew lead Genaro

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

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

**List of species observed while monitoring:**

ACWO, MODO, CAQU, CALT, BEWR, ANHU, BGGN, CASJ, SOSP, HOFI, SPTO, AMCR, WTSW, CLSW, NOMO  
Western fence lizard, side-blotched lizard, coastal whiptail California ground squirrel, wood rat

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

**Log Entry**

0630 Arrive on site

0645 Began sweep of work area (DG-4, east of staging area).

0655 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.

0700 Nature's Image crew begins weed abatement activities.

- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) and short pod mustard (*Hirschfeldia incana*) while leaving native species intact.

1220 Crew begins carrying tarps full of weeds out to staging area to be placed in the dumpster.

1400 Dumpster arrives on site and crew begins loading weeds into dumpster. No more weed pulling will be done today.

1405 Depart site

**Additional Comments**

N/A

**Signature**





**DG-4\_before\_facingE.jpg**  
-118.17444647222223 34.192058519444444



**DG-4\_during\_facingE.jpg**  
-118.17445141666667 34.19208034444444





**DG-4\_after\_facingE.jpg**

-118.17446476388889 34.192077624999996



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: July 25, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	15:00	98 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

Yellow warbler, yellow-breasted chat

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH  
WREN MODO ALHU RTHA BUTI NOMO CAKI SAPH LEGO CAQU RSHA OCWA AGOL BARS CLSW NAWA  
CATH MIPA BGGN EUCD LASP NUWO BTPI LEGO DEJU CAQU NOMO BEWR CEWA WEME RCKI SPTO NOFL  
AMRO WEBL KILL SNEG AMKE CANG WBNU COHA EUST Red Crowned Parrot OCWA YWAR BHGR YBCH  
WTSW WETA BUOR BHGR

Reptiles: western fence lizard, side-blotch lizard

Mammals: California ground squirrel, Desert Cottontail

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in Johnson Field.

1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





**Invasive\_species\_removal\_Johnson\_Field\_facingW.jpg**



**Nonnative\_removal\_efforts.jpg**

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: July 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	71 °F	0-3 MPH	0 %
End of Day	14:15	92 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: BGGN, SPTO, CASJ, ANHU, AMCR, CALT, BEWR, SOSP, NUWO, BCHU, HOFI, YEWA, ACWO, RSHA, CATH, WREN, CAQU, CLSW, KILL, HOOR, RTHA, BASW, LEGO, COYE, MODO, BLPH, WTSW, NOMO, OATI,  
Amphibians: western toad

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, fox squirrel, Audubon's cottontail

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

**Log Entry**

0635: Arrive on site. Work today will consist of non-native weed removals within Johnson Field and greater DG-2 on the east portion of the site.

0700: LADPW begins dredging operations within the reservoir.

0730: Monitored activity at the BHGR nest discovered earlier in the week. Both adults vocalizing in area around nest and the female returned to the nest after 15 min of observation.

0815: Some of the crew focuses on trimming overhanging willow branches and mule fat that's overgrown the access paths throughout DG-2.

0900: Crew takes a break.

0915: Crew resumes work in Johnson Field and works westward.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas.

1415: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**







**LADPW\_dredging\_facingS.jpg**  
-118.17257865277779 34.19087580555555



**Vegetation\_trimmings\_DG-2\_facingN.jpg**  
-118.17246606388889 34.19008990833333





**Dredging\_by\_DG-1\_facingW.jpg**  
-118.17128563333334 34.19298527777777

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: July 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	71 °F	0-3 MPH	0 %
End of Day	14:25	93 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed vegetation clearing.
2. Hand tools,
3. 3, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

MODO, ACWO, CAQU, AMCR, CASJ, HOFI, ANHU, NUWO, Amazonia sp., BEWR, BUSH, SOSP, and CALT.

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

**Log Entry**

0625 I arrived onsite.

0645 I started clearing the area in DG-4 from yesterday where they'll continue working.

0700 I finished clearing the area, alerted the crew, and they began working shortly after. Target species: *Conium maculatum*, *Lepidium latifolium*, and *Brassica nigra*. Method/tools: hand pulling and hand tools.

0855 Crew broke for first break.

0915 Crew returned from break.

1050 Crew broke for lunch.

1145 Crew returned from lunch.

1325 Crew broke for second break.

1350 Crew returned from second break.

1415 Crew started wrapping up for the day.

1425 Crew finished putting everything away and is done for the day.

Next week: Continue to weed in DG-4 and DG-4A. Irrigation maintenance will also continue.

**Additional Comments**

N/A

**Signature**





**work\_area\_before\_facingNE.jpg**  
 -118.17409583333334 34.191824999999994



**work\_area\_after\_facingNE.jpg**  
 -118.17407694444445 34.19188388888889





**work\_area\_2\_before\_facingNE.jpg**  
 -118.174215 34.19186277777777



**work\_area\_2\_after\_facingNE.jpg**  
 -118.17420583333333 34.19182277777777



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	0 %
End of Day	14:30	86 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

CASJ, CALT, AMRO, SOSP, BEWR, ACWO, SPTO, BGGN, HOFI, ANHU, NUWO, BLPH, HOWR, BUSH, CAQU

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

**Log Entry**

0615: Arrived on site.

0630: Checked in with Genaro. Started nesting bird survey in DG-W-2 (34.192442°N 118.174588°W).

0700: Finished nesting bird survey. Cleared crew to start working. Monitored wildlife activity in the area.

1100-1130: Lunch.

1130: Continued monitoring wildlife activity.

1415: Crew started cleanup for the day. Updated project manager.

1430: Left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to be 'Eliza McLean', written in a cursive style.



**20240729\_workareabefore\_facingSE.jpg**  
-118.17460008333333 34.192440930555556



**20240729\_workareaafter\_facingSE.jpg**  
-118.17455741666667 34.1924785





**20240729\_workareaafter2\_facingN.jpg**  
-118.17459183333334 34.192409149999996



**20240729\_workareaafter3\_facingSE.jpg**  
-118.17458858333333 34.1924



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Cole Sutter**  
**Company: ICF**  
**Date of Log: July 29, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	87 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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

Yellow breasted chat, Yellow warbler

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Anna's Hummingbird, Spotted Towhee, Nuttall's Woodpecker, House Wren, Acorn Woodpecker, Black-headed Grosbeak, Bewick's Wren, Blue-grey Gnatcatcher, Yellow Warbler, Wrentit, Red-crowned Parrot, Yellow-breasted Chat, Allen's Hummingbird, Song Sparrow, California Thrasher, California Quail, Lesser Goldfinch, Mourning Dove, Cassin's Kingbird  
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel  
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

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

**Log Entry**

0730: Heard brief, yellow-breasted chat vocalizing S of Johnson Field, no further visual or auditory observations were made.

0800: Walked S end of DG-2 and slopes where current and subsequent weeding will occur.

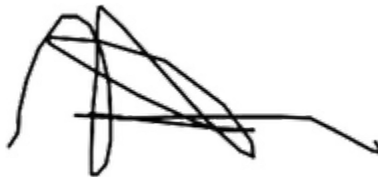
0930: Gothic crew broke for break.

1145: Gothic crew broke for lunch.

All day - Crew weeded the south end of DG-2 and along the lower slopes

**Additional Comments**

**Signature**





**Ongoing\_dredging\_work.jpg**

-118.17288662777779 34.18876517499999



**Crew\_weeding\_lower\_slopes.jpg**

-118.17288843611112 34.18876933333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59 °F	0-3 MPH	0 %
End of Day	14:40	87 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to removal of non-native invasive plant species.
- 2) Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: Red-masked Parakeet, BEWR, CALT, AMCR, ANHU, CASJ, SPTO, BUSH, PSFL, BARS, NRWS, ACWO, NUWO, HOFI, LEGO, BLPH, OATI, BHGR, WREN

Herps: Great Basin fence lizard, San Diegan Tiger whiptail.

Mammals: California ground squirrel, Desert cottontail

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

**Log Entry**

0615- ICF biologist arrived.

0630- Gothic crew arrived and mobilized.

0640- Gothic crew removing non-native invasive plant species. Crew starting in DG-3A.

0900- Crew on AM break.

0915- Crew back to work removing weeds at DG-3A.

1200- Crew on lunch break.

1230- Crew back to work weeding. Now working along west side of DG-2.

1430- Crew cleaning up and disposing of removed material.

1440- Gothic and ICF biologist leaving the site.

**Additional Comments**

N/A

**Signature**







**Crew\_removing\_weeds\_DG-3A.jpg**  
-118.17258738055556 34.18791419444444



**Gothic\_Crew\_Removing\_Weeds\_DG-3A.jpg**  
-118.17292534444445 34.18738858333333



**Crew\_removing\_weeds\_DG-2.jpg**  
-118.17248875 34.19006848055555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: July 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:17	60 °F	0-3 MPH	0 %
End of Day	14:33	87 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

SOSP, BEWR, CALT, HOFI, ACWO, AMRO, BHGR, ANHU, CAQU, WREN, CASJ, MODO, COHA, RSHA, CAKI, California ground squirrel, Desert cottontail, Side-blotched lizard

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

**Log Entry**

0615 arrived on site.

0630 checked in with Genaro. Started nesting bird survey in DG-4 (34.192568°N 118.174520°W)

0700 no nesting activity observed. Cleared crew to start working. Monitored wildlife activity in the area.

1015 crew finished in current work area, moved south to DG-4 (34.191827°N 118.173957°W).

1045 crew headed to cars for lunch.

1100-1130 lunch.

1145 crew returned to work area, continued removing nonnatives. Monitored wildlife activity in the area.

1325 crew headed to cars for afternoon break.

1350 crew returned to the work area and started weeding.

1415 crew started cleaning up. Took end of day photos. Updated next day's monitor and project manager.

1430 left site.

**Additional Comments**

N/A

**Signature**







**20240730\_workareabefore\_facingW.jpg**  
-118.17440811111112 34.192462166666665



**20240730\_workareaafter\_facingW.jpg**  
-118.17438766666668 34.192505266666664





**20240730\_workareabefore\_facingNE.jpg**  
-118.17407568611111 34.19182698611111



**20240730\_workareaafter\_facingNE.jpg**  
-118.17406313055557 34.191831611111105

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: July 31, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:47	62 °F	0-3 MPH	0 %
End of Day	14:20	89 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Habitat restoration (weeding)
2. Hand tools
3. Genaro (foreman)

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

Least Bell's vireo

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

Heard LBVI vocalizing in the north western portion of the work area in DG-4. Sounds like one adult and is potentially traveling through. No visual sighting.

**List of species observed while monitoring:**

Western Honeybee, Checkered-White, B. californicus, Swallowtail sp., Red Admiral, Sulphur sp., Mourning Cloak, Cabbage White, Western Yellowjacket, Vanessa sp. Side-Blotched Lizard, Western Fence Lizard, Coastal Whiptail CORA, AMCR, CALT, CAQU, NUWO, CASJ, ACWO, Amazona sp., HOFI, PSFL, BGGN, WREN, OATI, ALHU, LEGO, BLPH, CAKI, SOSF, RSHA, TRSW, BUSH, LBVI, WEBL, SPTO, GTGR, MODO, NRWS, COHA, California Ground Squirrel, Desert Cottontail

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

**Log Entry**

0620- Arrived on site. Went to survey Ph-9 and Ph-10 in DG-4.

0715- Crew started work in DG-4. They are removing pepper weed, hemlock and mustard.

0845- Heard LBVI vocalizing northwest of the work area. Crew also is taking a break as well. Having crew shift southeast.

0915- Crew resumed work and shifted southeast of the LBVI.

1100- Crew stopped for lunch.

1145- Crew resumed work after lunch.

1325- Crew stopped for a break.

1345- Crew resumed work after talking break.

1420- Crew finished for the day.

**Additional Comments**

N/A

**Signature**







Work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_working.jpg



Work\_area\_end\_of\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: July 31, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	61 °F	0-3 MPH	0 %
End of Day	14:35	88 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to the removal and disposal of non-native invasive plant species.
- 2) Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: Red-masked Parakeet, NOMO, AMCR, WREN, BUSH, CALT, HOFI, CAQU, LEGO, ACWO, CASJ, NUWO, WEBL, BLPH, TUVU, SPTO, BEWR, CAKI, ANHU, ALHU, BARS

Herps: Great Basin fence lizard, San Diegan tiger whiptail

Mammals: California ground squirrel, Desert cottontail, Coyote

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

**Log Entry**

0625- ICF biologist arrived.

0630- Gothic crew arrived and mobilized.

0640- Gothic crew removing non-native invasive plant species on the east side of Arroyo Seco, northwest of Johnson Field in DG-8.

0900- Crew on AM break.

0915- Crew back to work in DG-8.

1200- Crew on lunch break.

1230- Crew back removing non-native invasive plant species from DG-8.

1420- Crew cleaning up and disposing of weed material.

1435- Crew and ICF biologist leaving site.

**Additional Comments**

N/A

**Signature**







**Crew\_removing\_weeds\_DG-8\_FacingS.jpg**  
-118.1715264 34.19260422222222



**Crew\_removing\_weeds\_DG-8\_FacingN.jpg**  
-118.17141983333333 34.192881625



**Crew\_removing\_weeds\_DG-8\_FacingNE.jpg**  
-118.17093884444445 34.19368658333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	64 °F	0-3 MPH	5 %
End of Day	14:30	89 °F	4-6 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

CAQU, SPTO, CALT, CASJ, WREN, YRWA, SOSPO, CATH, MODO, ANHU, desert cottontail, coyote, California ground squirrel, side-blotched lizard, western fence lizard, rattlesnake, western tiger swallowtail

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

**Log Entry**

0615 arrived on site.

0630 checked in with Genaro. Started nesting bird survey in DG-4.

0700 no nesting activity observed, cleared crew to start working. Monitored wildlife activity and ensured crew stayed away from where LBVI was heard yesterday.

0845 crew headed to cars for morning break.

0915 crew returned to work area from break.

1035 crew found a rattlesnake by an irrigation box. Advised crew to work in a different area (slightly north).

1055-1135 lunch

1135 continued monitoring wildlife activity in the area.

1320 crew left work area for their afternoon break.

1350 crew returned to work area.

1415 crew started cleaning up for the day.

1430 updated ECORP project manager. Left site.

**Additional Comments**

N/A

**Signature**







**20240801\_workareaat0845\_facingSW.jpg**  
-118.17517340277779 34.19046856666667



**20240801\_work\_area\_end\_of\_facingSW.jpg**  
-118.17490887222223 34.19029866666666



**20240801\_work\_area\_end\_of\_day2\_facingW.jpg**  
-118.17495488888889 34.190205266666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: August 1, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	0 %
End of Day	14:42	85 °F	4-6 MPH	90 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps (6), hoes (7), hula hoes (2), rakes (1)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: CALT, ALHU, BEWR, ACWO, WREN, AMCR, CASJ, CAQU, LEGO, YEWA, MODO, RSHA, OATI, BUSH, ANHU, BARS, RTHA, CAKI, CORA, BTPI, NUWO

Mammals: coyote, desert cottontail, California ground squirrel

Reptiles: western fence lizard, side-blotched lizard

Invertebrates: harvester ant, dragonfly, monarch butterfly, western tiger swallowtail, cabbage white, honeybee, typical blues, robber fly, sulphurs, hoverfly

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

**Log Entry**

0630 Arrived on site.

0640 Observed coyote calling from riverbed looking west then running south. Crew heading to work in DG-1 working N. Irrigation being turned on.

0700 Informed sediment removal bio monitor of coyote.

0850 Observed monarch butterfly.

0900 Crew takes break.

0915 Crew returns to work.

1030 Observed hooded oriole nest no longer securely attached to sycamore. Most likely fledged.

1100 Observed flock of bushtits foraging in oak tree around approximate nest location.

1157 Observed monarch butterfly.

1200 Crew takes lunch.

1230 Crew returns to work.

1325 Two crew members go to turn off irrigation.

1418 Started sprinkling.

1435 Crew heads to dumpster to throw away removed vegetation.

**Additional Comments**

N/A



Signature

*Amanda Martinez*



Coyote\_calling\_in\_river\_bed\_facingW.jpg  
-118.17153581944444 34.19248833333333



**DG1\_pre\_vegetation\_removal\_facingN2.jpg**  
-118.16990541944445 34.194826



**DG1\_vegetation\_removed\_facingNW.jpg**  
-118.16975190000001 34.194955916666665



DG1\_post\_vegetation\_removal\_facingN2.jpg  
-118.16990328888889 34.19490528888888



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: August 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	70 °F	0-3 MPH	10 %
End of Day	14:01	94 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CALT, BEWR, HOFI, CAQU, CASJ, LEGO, CATH, WREN, ECDO, ALHU, CORA, ANHU, BGGN, OATI, RCPA, BUSH, BARS, TUVU, BLPH, RTHA, SPTO, ACWO, NOMO, HOOR

Amphibians: N/A

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, fox squirrel, desert cottontail

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

**Log Entry**

0630: Arrive on site. Work today will consist of non-native weed removals within DG-1 at the far north end of the mitigation site.

0715: LADPW begins dredging operations within the reservoir.

0900: Crew takes a break.

0915: Crew resumes work in DG-1 and moves northward.

1100: Juan let me know that the contractor performing the dredging had switched the water meter such that the crew was using Gothic's water to wet the dredging area. This may have occurred from approximately 0645 until 11 with the contractor using Gothic's water. Juan spoke to the contractor's crew members and made them switch the water meter so that the hose was rerouted to their supply. I spoke to Carley (ECORP) and informed her of the situation. She advised that ICF inform the county of what happened, and the County will remind and direct the contractor not to use Gothic's water meter.

1200: Gothic crew takes lunch break. 1

230: Resumes weed removal in same work areas progressing further northward to the end of DG-1.

1400: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**





**Weed\_removal\_DG-1\_facingN\_.jpg**  
-118.16891810833334 34.19556068055555



**LADPW\_begins\_dredging\_facingSW.jpg**  
-118.171325075 34.19297083333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 2, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:16	71 °F	0-3 MPH	5 %
End of Day	14:17	94 °F	4-6 MPH	25 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

BGGN, BEWR, BUSH, SPTO, SOSP, CALT, BLPH, ANHU, HOFI, CAQU, MODO, CASJ, ACWO, Desert cottontail, Western fence lizard, Side-blotched lizard

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

**Log Entry**

0615 arrived on site.

0630 checked in with Genaro. Started nesting bird survey in DG-4 (34.190158°N 118.175081°W).

0700 no nesting activity observed. Cleared crew to start working. Monitored wildlife activity in the area.

0845 crew headed to cars for their morning break.

0915 crew returned to the work area.

1020 crew found an empty ground nest. Either inactive or in nest building stage. Had crew move to a different area and watched nest for activity.

1100-1130 lunch

1145 no bird activity observed at the nest, determined to be old / inactive, informed crew.

1400 crew started cleaning up.

1415 updated Monday bio monitor and project manager. Left site.

Plan for next week: Continue to weed in DG-4 and DG-4A. Irrigation maintenance will also continue.

**Additional Comments**

N/A

**Signature**







**20240802\_workareabefore\_facingSW.jpg**  
-118.17503118055556 34.190196377777774



**20240802\_workareabefore2\_facingS.jpg**  
-118.17519023333334 34.190184305555555





**20240802\_work\_area\_end\_of\_day\_facingSW.jpg**  
-118.17497872222222 34.19019472222216



**20240802\_work\_area\_end\_of\_day2\_facingS.jpg**  
-118.17511315 34.190193736111105

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: August 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	68 °F	0-3 MPH	10 %
End of Day	14:20	99 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration. Removing hemlock, pepperweed, mustard from DG-4A
2. Hand tools, work truck
3. Nature's Image

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

Yellow warbler

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

**List of species observed while monitoring:**

SPTO, CASJ, BEWR, CALT, BLPH, KILL, ANHU, LEGO, SOSP, BUSH, BGGN, HOFI, YEWA, ACWO, MODO, RSHA, CORA, CAQU, NUWO, Western fence lizard, Coastal whiptail, California ground squirrel, Cottontail rabbit

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

**Log Entry**

0630- on site. Walked with Genaro to the work area. Working in DG-4A, mostly clearing pepperweed and hemlock

0650- work area clear, crew beginning work.

0800- continue working in DG-4A, mostly pulling from large stands of dead pepperweed

0830- crew break

0850- return to work. Continue pulling dry pepperweed and hemlock in southern section of DG-4A

1040- begin cleaning up work area before lunch

1200- return to work. Removing dried mustard from northern section of DG-4A

1330- crew break

1445- return to work. Will not be pulling more weeds. Cleaning up site and removing pulled vegetation from work area.

1400- depart site

**Additional Comments**

N/A

**Signature**







photo\_1-DG-4A\_work\_area\_before\_removal\_facingS.jpg



photo\_2-pepperweed\_removal\_facingSSE.jpg





photo\_3-removed\_vegetation\_facingSW.jpg



photo\_4-mustard\_removal\_facingESE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Cole Sutter**  
**Company: ICF**  
**Date of Log: August 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	73 °F	0-3 MPH	25 %
End of Day	15:00	100 °F	0-3 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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

Yellow warbler

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Anna's Hummingbird, Spotted Towhee, Nuttall's Woodpecker, California Thrasher, Red-tailed Hawk, California Quail, Bewick's Wren, Blue-gray Gnatcatcher, Yellow Warbler, Mourning Dove, Lesser Goldfinch, Bushtit, Allen's Hummingbird, Acorn Woodpecker, House Finch, Oak Titmouse, Song Sparrow, Black-headed Grosbeak, Red-shouldered Hawk, Cassin's Kingbird, Black Phoebe  
Mammals: Audubon's Cottontail, Beechey Ground Squirrel  
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

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

**Log Entry**

0630: Walked and scanned the portion of DG-4 the crew was planning to work in prior to work starting.  
0730: Found a small beehive in one of the irrigation boxes located along the trail in DG-4; spoke with crew lead Juan who informed me that there were a few others scattered throughout the area. Location was marked on the field maps as a hazard and relevant parties were notified.  
0915: Gothic crew broke for break.  
1000: Walked to the east side to scan for nests and/or any weed issues.  
1145: Gothic crew broke for lunch.  
1400: Truck arrived to replace vegetation disposal bin on the west side.

All day - Crew weeded the southern end of the "Gothic Area" DG-4 section moving north.

**Additional Comments**

**Signature**







**Crew\_weeding\_DG4.jpg**  
-118.1748958777779 34.1931703333333



**Beehive\_in\_irrigation\_box.jpg**  
-118.17431747222223 34.1938275277778

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: August 6, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	15 %
End of Day	15:00	100 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, LEGO, AGOL, BARS, CLSW, MIPA, NUWO, BTPI, DEJU, CAQU, TUVU, WEME, SPTO, NOFL, AMRO, RSHA, WEBL, KILL, SNEG, MAKE, CANG, WBNU, COHA EUST, RUDU, WTSW, BUOR

Reptiles: western fence lizard

Mammals: California ground squirrel, Desert cottontail, Coyote

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-W-2.

1200: Crew breaks for lunch. 1

230: Crew continues invasive species removal in DG-W-2.

1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





Invasive\_removal\_DG-W-2\_facingE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 6, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	69 °F	0-3 MPH	15 %
End of Day	14:05	97 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive vegetation removal
2. Weed whackers, hoes, shovels
3. Natures Image; six man crew (Genaro Vargas: foreman), additional seven man Natures Image crew

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

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

**List of species observed while monitoring:**

AMRO, CALT, BEWR, HOOR, WREN, SOSP, BARS, CAQU, SPTO, AMCR, ALHU, RCPA, western toad, western honey bee, turantula hawk, white cabbage, western tiger swallowtail, MODO, side-blotched lizard, CASJ, RTHA, coastal whiptail, COHA, western fence lizard, BGGN

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

**Log Entry**

0620 arrived onsite

0630 G. Vargas shows me work area. Crew working in DG-4 starting at approximately 34.190459 N, 118.174717 W moving north. He asks me about use of weed whackers, I give the okay but tell them perennial pepperweed can't be removed that way (only by hand pulling).

0650 area cleared. Crew is in a meeting.

0706 crew starts pulling mainly perennial pepperweed.

0709 relocated 2 western toads.

0729 crew finds palo verde. I tell them to pull it.

0741 crew finds beehive. I mark a hazard point in Fieldmaps.

0830 talked with Carley Adams (ECORP) about palo verde tree and perennial pepperweed. Crew is to pull perennial pepperweed if pullable, and palo verde tree is to be cut down with chain saw. She shows me area of patch of tree of heaven to be removed as well.

0839 crew finds makeshift, unmarked wildlife trap. I mark a point in Fieldmaps and throw cage away per Lauren Simpson (ECORP) instruction.

0844 crew breaks.

0917 crew back from break.

0958 crew stops cutting palo verde due to a wasp nest in ground under tree. I mark a hazard point in Fieldmaps.

1045 crew breaks for lunch.

1136 crew returns from lunch.

1316 crew breaks.

1337 crew returns

1400 crew wraps up for the day

1415 left site

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of a stylized, cursive letter 'A' followed by a long horizontal stroke.

Before\_facingN.jpg



During\_work.jpg



After\_facingN.jpg





Found\_trap.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: August 7, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	71 °F	0-3 MPH	0 %
End of Day	14:40	88 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to removing invasive weeds.
- 2) equipment limited to hand tools, particularly hoes.
- 3) Gothic crew of 10 men plus Foreman Juan

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

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

**List of species observed while monitoring:**

Birds: BEWR, LEGO, ECDO, MODO, ACWO, AMCR, CASJ, CALT, SOSP, NUWO, RTHA, TUVU, SPTO

Herps: Great Basin fence lizard

Mammals: California ground Squirrel, Desert cottontail

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

**Log Entry**

0615- ICF biologist arrived at restoration staging area located on the west side of the Arroyo Seco.

0630- Gothic crew arrived at the staging area.

0640- Crew removing non-native invasive plant species on the west side of the Arroyo Seco in DG-W-2.

0900- Crew on AM break.

0915- Crew back to work weeding in DG-W-2.

1200- Crew on lunch break.

1230- Crew back to work removing weeds DG-W-2.

1425- crew cleaning up and disposing of material.

1440- Crew and ICF biologist leaving the site

**Additional Comments**

N/A

**Signature**







**Crew\_removing\_weeds\_DG-W-2\_FacingNW.jpg**  
-118.1740742777778 34.19240394444444



**crew\_collecting\_material\_DG-W-2\_FacingNW.jpg**  
-118.17385793611112 34.19259883333333





**Crew\_removing\_weeds\_DGW2\_FacingW.jpg**  
-118.17425555555556 34.19245559444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 7, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	71 °F	0-3 MPH	10 %
End of Day	14:20	87 °F	4-6 MPH	10 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

AMCR, SOSP, CALT, HOFI, BEWR, AMRO, BLPH, WREN, ACWO, MODO, NRWS, CASJ, Desert cottontail, California ground squirrel

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

**Log Entry**

0615 arrived on site.

0630 checked in with Genaro. Started nesting bird survey in DG-4A (34.190723°N 118.175096°W).

0700 no nesting activity observed. Cleared crew to start working. Monitored removal of pepperweed with hand tools.

1100-1130 lunch

1130 continued monitoring nonnative plant removal.

1415 crew started cleaning up. Updated tomorrow's bio monitor. Left site.

**Additional Comments**

N/A

**Signature**





20240807\_workareabefore1\_facingNW.jpg



20240807\_workareabefore2\_facingNW.jpg





20240807\_workareaafter1\_facingNE.jpg



20240807\_workareaafter\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: August 8, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	66 °F	0-3 MPH	25 %
End of Day	14:55	84 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CALT, BEWR, HOFI, CAQU, CASJ, LEGO, CATH, WREN, ECDO, ALHU, CORA, ANHU, BGGN, OATI, RCPA, BUSH, BARS, TUVU, BLPH, RTHA, SPTO, ACWO, NOMO, HOOR, AMCR, OCWA

Amphibians: N/A

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, desert cottontail

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

**Log Entry**

0635: Arrive on site. Work today will consist of non-native weed removals within DG-W-2 and DG-4 on the west side of the basin.

0645: Juan and several workers drive to the east side of the basin to turn on the water meter for the plants.

0700-0800: Inspected last three remaining nests found by ICF biologists throughout DG-4. All nests are now considered inactive, and the Field Maps nests were updated to show they fledged and are no longer active.

0900: Crew takes a break.

0915: Crew resumes work in same areas on west side.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas progressing further southward.

1450: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**







**Weed\_removal\_DG-4\_facingNW.jpg**  
-118.1744995555556 34.192689611111106



**Weeded\_area.jpg**  
-118.17335715833333 34.193541999999994



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 8, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:37	64 °F	0-3 MPH	70 %
End of Day	14:03	87 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration
2. Hand tools
3. Genaro (Nature's Image foreman)

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

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

**List of species observed while monitoring:**

Yellow Garden Spider, Western Yellowjacket, Red Admiral, Cabbage White, Dragonfly sp., Mud Dauber, Swallowtail sp. Western Fence Lizard, Side-Blotched Lizard, Coastal Whiptail BEWR, CASJ, MODO, NUWO, CORA, ECDO, ACWO, WREN, CALT, AMRO, SOSP, CAQU, HOOR, SPTO, ANHU, BARS, HOFI, RSHA, Amazona sp., BHGR, ANHU, LEGO, California ground squirrel

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

**Log Entry**

0620- Arrived on Site. Went to go survey planned work area (DG-4A).  
0700- Crew started work in DG-4A. They are removing tocalote, pepperweed, and hemlock.  
0730- Crew notified biologist of a sick willow sp. Notified Carley A. about the Willow. Marked on fieldmaps.  
0900- Crew stopped for a break.  
0930- Crew resumed work after break.  
1100- Crew stopped for lunch.  
1130- Crew resumed work after lunch.  
1315- Crew stopped for break.  
1345- Crew resumed work after break  
1400- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





DG-4A\_prior\_to\_work\_starting.jpg



Crew\_starting\_work\_in\_DG-4A.jpg





Crew\_working.jpg



Crew\_finished\_for\_the\_day.jpg



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	14:00	91 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO BLPH  
WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI AGOL BARS CLSW NAWA MIPA BGGN BUOR  
EUCD LASP NUWO BTPI DEJU CAQU NOMO TUVU BEWR CEWA WEME RCKI RWBL SPTO NOFL AMRO  
WEBL KILL SNEG AMKE CANG WBNU COHA EUST OCWA YWAR

Reptiles: western fence lizard, side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-W-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-W-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-W-2.

1400: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





Invasive\_removal\_DG-W-2\_facingNW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carly Taylor**  
**Company: ECORP**  
**Date of Log: August 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	14:25	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Hand tools
3. nature's Image (Raul's crew) (9 people)

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

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

**List of species observed while monitoring:**

CALT, ANHU, WEBL, MODO, NUWO, CAQU, CASJ, SOSP, ACWO, RCPA, AMCR, HOFI, LEGO, ROPI, WREN, SPTO, OATI, BHGR, BARS, desert cottontail, WBNU, western fence lizard, BEWR, COHA, California ground squirrel, EUCD, BLPH, TUVU, BUSH, coastal whiptail, RSHA, RTHA

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

**Log Entry**

0630: arrived on site for pre-sweep. No nests or sensitive resources observed.

0645: crew begins work. Only pulling poison hemlock as that is the only non-native in the area currently. Asked crew to leave small buffer around woodrat middens. Also requested that the crew does not drive Kubota off dirt trail to pick up removed vegetation.

0900-0915: break

11-1145: lunch. Dumpster is full and waiting on a new container delivery.

1320-1340: break. Raul's crew left at 1330 while Genaro's crew (3) clean up. New container didn't come. Vegetation piled up next to dumpster and restrained with tarps. Monday morning this will be first priority.

1425: left site

**Additional Comments**

N/A

**Signature**







Crew\_working\_within\_restoration\_area.jpg



Weeding\_area.jpg



After\_weeding.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	67 °F	0-3 MPH	10 %
End of Day	15:00	89 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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

Yellow warbler

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Dark-eyed Junco, Wrentit, Acorn Woodpecker, Bewick's Wren, American Crow, Mourning Dove, Anna's Hummingbird, Allen's Hummingbird, Northern Mockingbird, Lesser Goldfinch, Red-tailed Hawk, Nuttall's Woodpecker, Band-tailed Pigeon, Great Blue Heron, Hooded Oriole, Spotted Towhee, California Quail, Bushtit, Killdeer, Yellow Warbler, California Thrasher, Cooper's Hawk, Oak Titmouse, Red-shouldered Hawk, Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

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

**Log Entry**

0700 Walked up DG-1 to assess for weed presence and scan for birds in the wash

0800 Returned to Johnson Field and DG-2

0930 Crew broke for break

1200 Crew broke for lunch

All day - Crew weeded the northern slopes of DG-2 moving down over the side slopes

**Additional Comments**

**Signature**







Band\_tailed\_pigeon\_Johnson\_Field.JPG

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	67 °F	0-3 MPH	0 %
End of Day	14:25	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive Vegetation removal
2. Shovels, hoes
3. Natures Image five man crew plus foreman

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

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

**List of species observed while monitoring:**

CALT, SPTO, CAQU, RCPA, BEWR, WREN, CASJ, HOFI, ANHU, NRWS, northern tiger swallowtail, California ground squirrel, side blotched lizard, COHA, deer fly, coastal whiptail

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

**Log Entry**

0615 arrived onsite

0630 Ed (Natures Image) shows me the work area in DG-4 approximately 34.191314 N, 118.174832 W.

0647 Work area was cleared and ready for crew to start work

0730 Three-man crew starts pulling mainly poison hemlock. Two people are working on irrigation.

0845 Crew goes to break.

0902 Crew returns from break.

1055 Crew breaks for lunch.

1135 Crew back from lunch.

1325 Crew goes on second break.

1345 Crew back from break.

1415 Crew done for the day.

1425 Left site.

**Additional Comments**

N/A

**Signature**





Before\_facingNE.jpg



After\_facingSE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: August 13, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	64 °F	0-3 MPH	0 %
End of Day	13:56	89 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration
2. Hand weeding
3. Alberto (foreman)

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

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

**List of species observed while monitoring:**

Western Honeybee, Swallowtail sp., Red Admiral, Carpenter Bee, Dragonfly sp., Western Fence Lizard, ALHU, ACWO, ECDO, CALT, BEWR, SPTO, CASJ, HOFI, CAQU, Amazona sp., AMCR, MODO, BARS, LEGO, BUSH, California Ground Squirrel, Woodrat (middens)

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

**Log Entry**

0620- Arrived on site. Went ahead and checked for any nesting birds in the planned work area (DG-4) going towards the slopes.

0655- Crew started work. They are removing hemlock and mustard.

0900- Crew stopped for a break.

0930- Crew resumed work after taking break.

1100- Crew stopped for lunch.

1130- Crew resumed work after lunch. Raul left the site for the day.

1330- Crew stopped for break.

1400- Crew finished for the day.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to be 'S. Harrison', written over a horizontal line.



DG-4\_work\_area\_prior\_to\_work\_starting.jpg



Crew\_starting\_work.jpg





Crew\_working.jpg



Crew\_finished\_for\_the\_day.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: August 13, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	67 °F	0-3 MPH	0 %
End of Day	13:40	78 °F	10-12 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps (6), hoes (7), hula hoes (3), two prong cultivator (1), snips (2)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: RCPA, CALT, WREN, ALHU, HOFI, SOSP, BLPH, SPTO, CASJ, BGGN, CAQU, BUSH, COHA, BTPI, AMCR, KILL, NRWS, RSHA, TUVU, CORA, NUWO

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel

Invertebrates: harvester ant, honeybee, dragonfly, western tiger swallowtail, California sister, cabbage white, gulf fritillary, orb weaver, blow fly, tarantula hawk, crab spider, lorquin's admiral, sulphur

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

**Log Entry**

0635 Arrived on site.

0650 Crew heads to southern end of side slope just south of the previously eroded area that was filled in working their way south.

0800 Some of the leaves on willows in DG-2 have leaves drying out toward the base of the trunk.

0900 Vegetation removed consists mainly of plants covered in dodder and non-natives.

0830 Crew in DG-2 WOUS working south.

0900 Crew takes break. 0915 Crew returns to work.

1200 Crew takes lunch.

1230 Crew returns to work in Johnson Field.

1310 Observed BHGB nest to determine activity.

1330 Crew begins to wrap up work and head out of restoration area.

**Additional Comments**

N/A

**Signature**





**SideSlope\_erosion\_filled\_in\_facing\_E.jpg**  
-118.1734402222223 34.18831238055555



**DG2WOUS\_dried\_willow\_facingW.jpg**  
-118.17212855555556 34.19028491666666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: August 14, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	65 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: RTHA, CALT, BEWR, ANHU, ACWO, NUWO, SOSP, HOFI, CAQU, BUSH, SPTO, BCHU, HOOR, LEGO, BTPI, BARS, MODO, CASJ, YEWA, BLPH, COHA, KILL, OATI, ATFL

Amphibians: N/A

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, desert cottontail, coyote

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

**Log Entry**

0635: Arrive on site. Work today will consist of non-native weed removals within DG-2 and along the east perimeter trail, starting from the south and working northward. Crews also work on light trimming along DG-2 WOUS trails to maintain access for the workers.

0645: Juan and several workers turn on the irrigation throughout the site.

0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.

0730: Workers provide supplemental water for the plantings along the DG-3 East slope.

0900: Crew takes a break.

0915: Crew resumes work in same areas on east side.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas progressing further northward.

1315: Beehive in Irrigation box #13 was recorded in Field Maps as a hazard after Juan pointed it out.

1500: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**







**Trimming\_DG-2\_facingS.jpg**  
-118.17236604166668 34.18955636111111



**Dredging\_DG-3\_facingNW.jpg**  
-118.17310316666668 34.18829206666666



**Weed\_removal\_DG-2\_facingN.jpg**  
-118.1721992638889 34.19102994444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: August 14, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	67 °F	0-3 MPH	0 %
End of Day	14:15	90 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of six, crew lead Genaro

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

Yellow warbler

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

**List of species observed while monitoring:**

ACWO, MODO, CAQU, CALT, BEWR, ANHU, YEWA, CASJ, SOSP, HOFI, SPTO, AMCR, BGGN, RTHA, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (midden)

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

**Log Entry**

0620 Arrive on site

0634 began sweep of work area (DG-4, close to side slopes).

0645 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.

0650 Nature's Image crew begins weed abatement activities.

- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*), and perennial pepper weed (*Lepidium latifolium*) while leaving native species intact.

0900 Crew moves east to work on side slope, removing perennial pepper weed and non-native mustard.

1200 Crew continues work on the side slopes, working their way south.

1405 Crew finishes pulling weeds, begins cleaning up.

1415 Depart site.

**Additional Comments**

N/A

**Signature**







**DG4\_before\_facingNE.jpg**  
-118.17426043333334 34.19113476388888



**SideSlope\_before\_facingS.jpg**  
-118.17449719444446 34.19056113888889



**SideSlopes\_during\_facingS.jpg**  
-118.17452881944445 34.19054447222222



**SideSlopes\_after\_facingS.jpg**  
-118.17451230555557 34.19054907222222



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Company: ECORP**  
**Date of Log: August 15, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	65 °F	0-3 MPH	0 %
End of Day	14:55	89 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing non-native vegetation primarily perennial pepperweed, Maltese star thistle, short-pod mustard, and radish from side slopes of the basin and cutting down tree of heaven specimens from DG-4 and DG-4A
2. Crew using hand tools mainly pulling by hand, one crew member using pole saw to remove tree of heaven
3. Nature's Image: Genaro and Alberto with a crew of six

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

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

**List of species observed while monitoring:**

CALT SOSP CASJ ALHU ANHU ACWO COYE BUSH HOFI HOWR BGGN YRWA BEWR  
Western honeybee, lorquins admiral, cabbage white, painted lady, western swallowtail  
Cottontail, California ground squirrel, coyote, side-blotched lizard

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

**Log Entry**

0635 arrived on site, met Genaro and headed to work area proposed for today  
0645 conducted pre-works clearance sweep. No nests or nesting bird behavior observed  
0715 crew began work pulling non-native plants by hand  
0725 conducted clearance sweep of sections in DG-4 and DG-4A with tree of heaven stands. No nests or nesting behavior observed  
0820 monitoring Natures Image crew on basin slope  
0830 crew took a break  
0855 crew continued pulling on the slope  
1040 monitored removal of tree of heaven in DG-4 and DG-4A by pole saw (operator -Ricardo)  
1100 crew break for lunch  
1200 resume monitoring removal of tree of heaven in DG-4 and DG-4A by pole saw (operator -Ricardo)  
1320 crew (2) began removing chopped vegetation  
1330 crew took break  
1440 crew done for the day gather remaining collected vegetation and head for the exit

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, appearing to be 'Verity Richardson', written over a horizontal line.





Crewpullingweedsonslope\_facingSW\_081524.JPG  
-118.1749277777778 34.1901972222222



RemovingtreeofheaveninDG-4Awithpolesaw\_081524.JPG  
-118.1766805555556 34.1905916666666



CrewremovingcuttreeofheaveninDG-4\_081524.JPG  
-118.1767722222223 34.1905527777775



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: August 15, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	0 %
End of Day	14:46	89 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to the removal of non-native invasive weed species.
- 2) Restoration equipment limited to hand tools, particularly hoes.
- 3). Gothic crew comprised of 10 men plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: CALT, BUSH, SPTO, MODO, AMCR, ALHU, SOSP, HOFI, OATI, CASJ, ANHU, ACWO, Red-masked Parakeet, HOWR, BEWR, TUVU, CAQU, BLPH  
Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail  
Mammals: Coyote, Desert Cottontail, California Ground Squirrel.

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

**Log Entry**

0625- ICF biologist arrived at work area on east side of Arroyo Seco at Johnson Field staging area.  
0630- Gothic crew arrived.  
0640- Gothic crew removing non-native invasive weeds in and around Johnson Field (DG-W-1). Crew members are meandering through the restoration area to locate and remove scattered weeds.  
0800- Crew now removing weeds along "side slopes" along southwest corner of overall restoration area.  
0900- Crew on AM break.  
0915- Crew back to work removing weeds along "side slope".  
1200- Crew on lunch break  
1230- Crew back to work removing non-native invasive plant species. Working in the south end of DG-2.  
1430- Crew cleaning up and disposing of material at the staging area.  
1440- ICF and Gothic crew leaving the site

**Additional Comments**

N/A

**Signature**







**Crew\_at\_JohnsonField\_staging\_area\_FacingSE.jpg**  
-118.17140470000001 34.19220136111111



**Crew\_transporting\_removed\_weeds\_FacingSE.jpg**  
-118.17264969444444 34.19004227777778





**Crew\_weeding\_at\_side\_slope\_facingSW.jpg**  
-118.17289664722223 34.18871483333333



**Crew\_removing\_weeds\_DG-2\_FacingN.jpg**  
-118.17298025000001 34.18836365833333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shelby Dunn**  
**Company: ECORP**  
**Date of Log: August 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:20	60 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	92 °F	0-3 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing non-native vegetation primarily perennial pepperweed, mustard, Rumex crispus from side slopes of the basin in DG-4. Additionally, checking irrigation system
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of four

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

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

**List of species observed while monitoring:**

BEWR BGGN CORA RSHA SOSP ALHU CALT WREN NUWO ANHU YEWA CASJ HOFI ACWO NOMO AMCR  
Side blotched lizard  
California ground squirrel, Wood rat  
Cabbage white, Tiger swallow tail, Lorquins admiral

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

**Log Entry**

0620 arrived at oak grove disc golf course parking lot  
0630 Met Genaro who led the way to the work area for the day (slope of DG-4)  
0638 Arrived at DG-4 slope. Discussed the location the crew will be working in for the day.  
0640 began preconstruction sweep for nesting birds and other sensitive biological resources  
0700 aurally observed YEWA singing near YEWA-1, approx 100m away from where the crew will be working  
0710 finished preconstruction sweep. No sensitive biological resources observed. Informed Genaro the area was clear for the crew to begin work.  
0720 crew of five began removing vegetation by hand. Primarily removing Rumex crispus, mustard, perennial pepperweed. Two other crew members independently checked on the irrigation system throughout the site  
0840 Informed by Genaro that the crew will not remove and cut more tree of heaven today, but plan to resume on Monday  
0850 crew took break and walked back to vehicles  
0820 crew returned to slope of DG-4 and began removing vegetation  
1045 crew paused work for lunch  
1210 crew returned to DG-4 slope and resumed pulling non-native vegetation  
1245 informed by Genaro they identified a woodrat midden and will leave a buffer around where they will not remove non-native vegetation  
1320 crew took a break, and walked back to vehicles  
1355 two crew members left for the day  
1400 crew of 3 returned to slope of DG-4 and resumed removing vegetation  
1430 crew finished removing vegetation and began hauling tarps of removed vegetation out of DG-4  
1445 Spoke with Genaro about their plan for next week. On Monday, the crew will pick up work in the same area they worked today (the slope of DG-4) and also continue removing tree of heaven in "Primrose". After the crew finishes work in these areas, they plan to continue working on the east slope, north of DG-4  
1500 left site



**Additional Comments**

Plan for next week is included in log at 1445

**Signature**

A handwritten signature in black ink, appearing to be 'C. J. Smith'.

Before\_facingSW.jpg



Work\_area\_during\_facingSW.jpg



After\_facingSW.jpg





Woodrat\_midden\_facing\_s.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: August 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	13:45	89 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to the removal of non-native invasive plant species.
- 2) Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: CALT, CASJ, BUSH, Red-masked Parakeet, BEWR, BLPH, SPTO, ACWO, HOFI, WREN, NUWO, OATI, SOSP, CAQU

Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail

Mammals: Desert Cottontail, California ground squirrel

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

**Log Entry**

0630- ICF biologist arrived at Johnson Field staging area.

0630- Gothic arrived

0640- Crew removing non-native invasive plant species. Crew working on east side of Arroyo Seco along the south end of DG-2.

0900- Crew on AM break

0915- Crew back to work removing weeds. Crew now working near center of DG-2.

1200- Crew on lunch break.

1230- Crew back to work removing weeds in DG-2.

1340- Crew cleaning up and disposing of removed material.

1345- ICF and Gothic crew leaving site

**Additional Comments**

N/A

**Signature**





**Crew\_removing\_weeds\_DG2\_FacingS.jpg**  
-118.17272381666668 34.18885730555555



**Crew\_removing\_weeds\_DG2\_facingN.jpg**  
-118.17206147222223 34.190671249999994





**Crew\_removing\_weeds\_DG2\_FacingSW.jpg**  
-118.17222569444445 34.191079055555555



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: August 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	15:00	98 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP, WCSP, BEWR, CALT, YRWA, CASJ, HOFI, AMCR, CORA, ANHU, OATI, ACWO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, HUVI, OCWA, AGOL, BARS, CLSW, BGGN, BUOR, LASP, NUWO, LEGO, DEJU, CAQU, TUVU, SPTO, LEGO, NOFL, AMRO, WEBL, COHA, EUST, OCWA, BHGR, WETA, BHGR, WBNU, CEDW

Reptiles: western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in Johnson Field.

1200: Crew breaks for lunch.

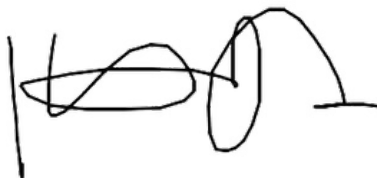
1230: Crew continues invasive species removal in Johnson Field.

1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





Invasive\_removal\_JohnsonField\_facingS.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:38	93 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive vegetation clearing
2. Shovels, hoes
3. Natures Image (5 person crew, Genaro Vargas foreman). Additional Natures Image crew (4)

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

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

**List of species observed while monitoring:**

MODO, BGGN, CORA, KILL, SPTO, CASJ, CAQU, SOSP, BEWR, cottontail, ANHU, CALT, AMRO, western fence lizard, NRWS, COHA, coastal whiptail, side-blotched lizard, NUWO

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

**Log Entry**

0615: Arrived onsite.

0630: G. Vargas shows me work area. Approximately 34.189466 N, 118.176773 W.

0650: Crew starts pulling perennial pepperweed. Two people on irrigation. Two people working at approximately 34.190545 N, 118.176773 W to cut patches of tree of heaven.

0839: Crew breaks.

0920: Crew returns.

0925: Crew cutting tree of heaven joins in pulling invasive vegetation.

1048: Crew breaks for lunch.

1139: Crew is back from lunch.

1321: Crew breaks.

1355: Crew returns. Additional crew leaves for the day.

1421: Direct crew away from hive.

1436: Crew wraps up for the day.

1450: Left site.

**Additional Comments**

N/A

**Signature**







Crew\_working\_on\_side\_slope.jpg



WorkArea2\_facingNW.jpg



WorkArea\_facingSW.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: August 20, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	0 %
End of Day	14:35	102 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration nonnative removal.
2. Hand tools, 10.
3. 10, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

BEWR, AMCR, CAQU, CALT ACWO, RTHA, Amazonia sp., MODO, RSHA, CASJ, Desert cottontail, ANHU, and HOFI.

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

**Log Entry**

0620 I arrived onsite.

0640 I began clearing the work area in DG-4.

0655 I finished clearing the area, alerted the crew, and they started shortly after. Target species: *Conium maculatum*, *Brassica nigra*, *Lepidium latifolium*, and *Plantago arenaria*. Tools/method: hand tools and hand pulling.

0855 Crew broke for first break.

0920 Crew returned from first break.

1050 Crew broke for lunch.

1145 Crew returned from lunch.

1325 Crew broke for second break and the part of the crew from Perris left for the day.

1400 Crew returned from second break after heat safety meeting.

1420 Crew began wrapping it up for the day.

1435 Crew finished putting everything away and left for the day.

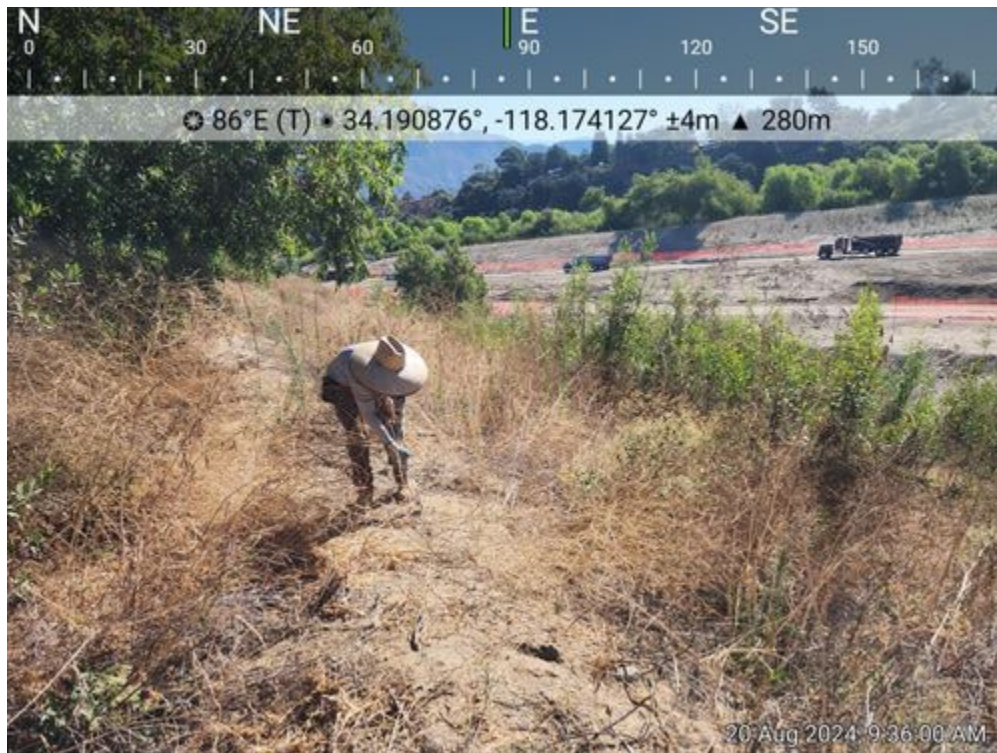
**Additional Comments**

N/A

**Signature**







work\_area\_before\_facingE.jpg  
0 0

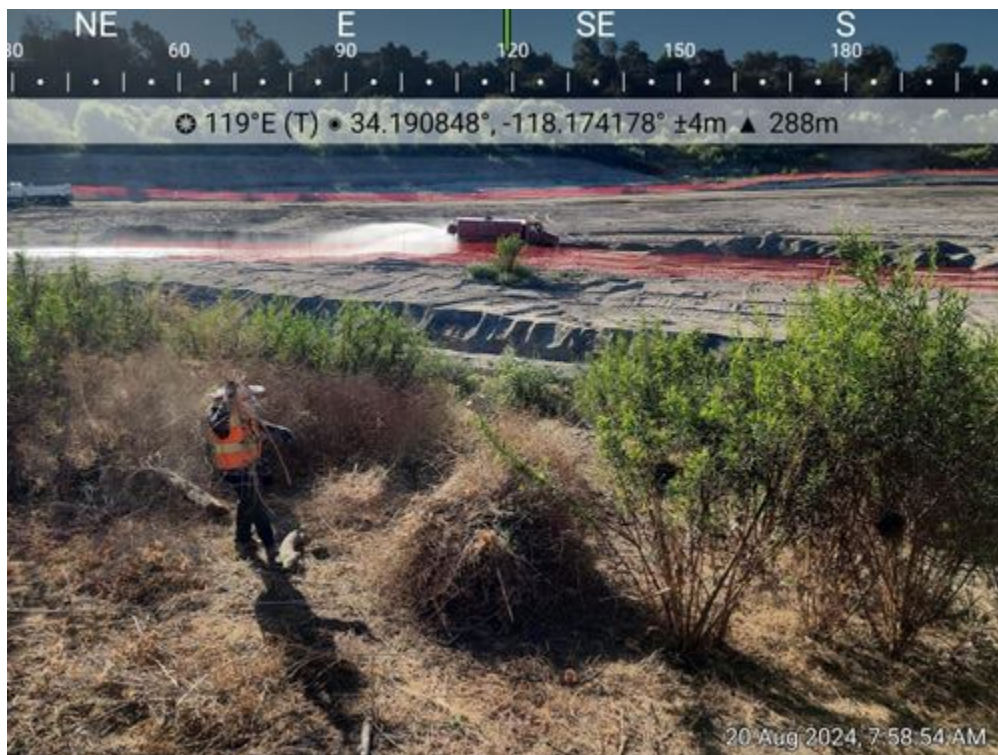


work\_area\_during\_facingE.jpg  
0 0





work\_area\_after\_facingNE.jpg  
0 0



side\_work\_area\_during\_facingSE.jpg  
0 0

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: August 20, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	60 °F	0-3 MPH	0 %
End of Day	14:46	98 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities limited to the removal of non-native invasive plant species.
- 2) Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised 10 men plus Foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: WREN, CALT, SPTO, AMCR, CASJ, BUSH, SOSP, HOFI, Red-masked Parakeet, OATI, PSFL, CAQU, RSHA, COHA

Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail

Mammals: Desert Cottontail, California Ground Squirrel.

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

**Log Entry**

0620- ICF biologist arrives at Johnson Field staging area.

0630- Gothic crew arrived.

0640- Crew removing non-native invasive plant species in Johnson Field (DG-W-1) located on the east side of the Arroyo Seco.

0900- Crew on morning break.

0915- Crew back to work removing weeds in Johnson Field.

1200- Crew on lunch break.

1230- Crew back to work weeding near center of Johnson Field.

1430- Crew cleaning up and disposing of material.

1445- ICF and Gothic crew leaving site.

**Additional Comments**

N/A

**Signature**







**Crew\_mobilizing\_JohnsonField\_staging\_facingNE.jpg**  
-118.17151748055556 34.19213130555555



**Crew\_removing\_weeds\_DGW1\_facingS.jpg**  
-118.1713740388889 34.19147136944444



**Crew\_removing\_weeds\_DGW1\_FacingW.jpg**  
-118.17152795 34.19149212777778

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: August 21, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	70 °F	0-3 MPH	0 %
End of Day	14:19	94 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of eight, crew lead Genaro

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

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

**List of species observed while monitoring:**

ACWO, MODO, CAQU, CALT, BEWR, ANHU, COHA, BUSH, SOSP, HOFI, SPTO, AMCR, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (middens)

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

**Log Entry**

0620: Arrive on site

0640: Began sweep of work area (northern end of Side Slopes [Episodic Maintenance Areas]).

0655: Area cleared for work, no known active nests are in the area and no new nesting birds were detected.

0700: Nature's Image crew begins weed abatement activities.

- The crew removes non-native weed species such as perennial pepper weed (*Lepidium latifolium*) and non-native mustard while leaving native species intact.

0745: Laborer found a cup nest in a thatch of mustard that appeared to be inactive (no eggs or chicks, partially falling apart, no birds nearby behaving abnormally). Biologist allowed for the removal of the mustard and inactive nest.

1200: Crew moves away from the side slopes to work in the shade as temperatures reach 90+ F. Targeting poison hemlock (*Conium maculatum*) and mustard.

1405: Crew finishes pulling weeds, begins cleaning up.

1420: Depart site.

**Additional Comments**

N/A

**Signature**







**SideSlopes\_before\_facingSW.jpg**  
-118.17350868055556 34.191260611111105



**SideSlopes\_during\_facingSW.jpg**  
-118.17348051111112 34.19125109722222



**InactiveNest\_inMustard.jpg**  
-118.1737131388889 34.19114713888889



**SideSlopes\_after\_facingSW.jpg**  
-118.173517575 34.19126895833333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	0 %
End of Day	15:00	94 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

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

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Acorn Woodpecker, Sharp-shinned Hawk, Nuttall's Woodpecker, Bewick's Wren, Bushtit, Mourning Dove, American Crow, California Quail, Song Sparrow, Red-shouldered Hawk, Spotted Towhee, Red-crowned Parrot, House Wren, Wrentit, Anna's Hummingbird, Allen's Hummingbird, Great Blue Heron, Lesser Goldfinch

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

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

**Log Entry**

0700 - Walked from Johnson Field down to assess weed growth and any problem areas.

0900 - Crew broke for break.

1030 - Observed a juvenile Western Toad still active in DG-2 likely due to the layers of organic material and moisture present in the understory.

1145 - Crew broke for lunch.

All day - Crew weeded the slope-side of Johnson Field down into DG-2

**Additional Comments**

**Signature**







**Western\_Toadling.jpg**

-118.17159785 34.190442374999996

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Company: ECORP**  
**Date of Log: August 22, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	63 °F	0-3 MPH	0 %
End of Day	14:42	87 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

Non-native vegetation (short podded mustard, common stork bill, poison hemlock) removed by hand and using hand tools (hoes) from basin slopes (NW) and DG-4 by Nature's Image crew, Genaro plus 9 crew (2 maintaining irrigation)

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

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

**List of species observed while monitoring:**

MODO CASJ CALT ANHU SOSP WREN ACWO BEWR TUVU HOFI

California ground squirrel, Southern pacific rattlesnake, coastal whiptail, western fence lizard, Western swallowtail, cabbage white, lorquin's admiral, painted lady, western honey bee,

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

**Log Entry**

0625: Met with crew.

0640: Conducted pre-works sweep of works area.

0705: Crew began hand pulling primarily short podded mustard and poison hemlock.

0830: Crew take break, have staff meeting. Bio sweeps ahead for wildlife.

0915: Crew resume hand pulling.

0930: Crew find rattlesnake in undergrowth - let them know to give it space and avoid work in that area until the snake moves on.

0959: Observed coastal whiptail basking in stick pile (34.19156023, -118.17343174) (OID #655).

1045: Crew break for lunch.

1210: Crew resume hand pulling.

1320: Crew took break.

1350: Crew members living further afield departed, remaining crew returned to works area.

1410: Crew began packing up the site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of several loops and a long horizontal stroke at the end.



**Crewhandpullinginbasin\_facingSE\_082224.JPG**  
 -118.1734333333334 34.191491666666664



**Crotalusoreganushelleri\_082224.JPG**  
 -118.1730277777778 34.192375





Crewvegetationremoval\_facingN\_DG-4\_082224.JPG  
 -118.1735555555557 34.19160277777774



DG-4\_aftervegetationremoval\_082224.JPG  
 -118.1734555555556 34.19170277777778

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: August 22, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:19	59 °F	0-3 MPH	0 %
End of Day	14:40	85 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1). Restoration activities limited to the removal and disposal of non-native invasive plant species.
- 2). Restoration equipment limited to hand tools, particularly hoes.
- 3) Gothic crew comprised of 10 men plus Foreman Juan

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

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

**List of species observed while monitoring:**

Birds: WREN, BEWR, BUSH, CASJ, CALT, SOSP, ACWO, Red-masked Parakeet, NUWO, ALHU, ANHU, AMCR, HOWR, HOFI, RSHA, TUVU, OATI

Herps: Great Basin Fence Lizard, San Diegan Tiger Whiptail

Mammals: California Ground Squirrel, Desert Cottontail

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

**Log Entry**

0620- ICF biologist arrived at Johnson Field staging area located on the east side of Arroyo Seco.

0630- Gothic crew arrived.

0640- Gothic crew removing non-native invasive plant species on east side of Arroyo Seco within west side of restoration site in DG-2.

0900- Crew on morning break.

0915- Crew back to work removing weeds in DG-2.

1030- Crew now weeding on "Side Slope".

1200- Crew on lunch break

1230- Crew back to work on "Side Slope".

1330- Crew now working on weeding along the south end of DG-2.

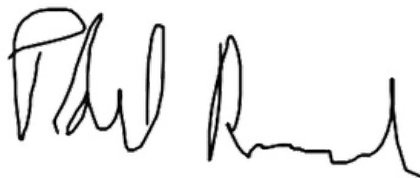
1430- Crew cleaning up and disposing of materials.

1440- ICF and Gothic leaving the site.

**Additional Comments**

N/A

**Signature**







**Gothic\_Crew\_Mobilizing\_FacingNE.jpg**  
-118.17149909444444 34.19216625



**Crew\_removing\_weeds\_DG-2\_facingSE.jpg**  
-118.17264256944445 34.190364425





**Crew\_removing\_weeds\_DG-2\_facingW.jpg**  
-118.17251766666668 34.189912666666665



**Crew\_weeding\_on\_SideSlope\_FacingN.jpg**  
-118.17292116666667 34.18869985277777

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	30 %
End of Day	14:00	81 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU  
RTHA BUSH NOMO CAKI HUVI OCWA AGOL BARS CLSW BGGN BUOR NUWO LEGO DEJU CAQU TUVU  
BEWR SPTO LEGO NOFL AMRO WEBL COHA EUST OCWA YWAR BHGR WETA BHGR WBNU CEDW BTPI

Reptiles: western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-3A and DG-East Trails with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-3A and DG-East Trails.

1500: Crew stops work for the day.

**Additional Comments**

Photo 1: Invasive\_removal\_DG-East\_Trail1

**Signature**







Invasive\_removal\_DG-East\_Trail1.jpg



Invasive\_removal\_DG-3A\_facingW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carly Tailor**  
**Company: ECORP**  
**Date of Log: August 23, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	58 °F	0-3 MPH	0 %
End of Day	14:31	82 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Hand tools/pulling by hand
3. Nature's Image- Raul (+6) and Genaro (+3)

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

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

**List of species observed while monitoring:**

RSHA, MODO, LEGO, ACWO, CALT, OATI, California ground squirrel, AMCR, CASJ, CAQU, ANHU, SOSP, TUVU, BEWR, WREN, ALHU, HOFI, parrot sp., NUWO, BARS, California praying mantis, EUCD, BLPH, OCWA, BUSH, western fence lizard, monarch, coastal whiptail

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

**Log Entry**

0620: Arrived on site for pre-sweep. Pipe in staging area broke/leaked overnight. Crew working on slope along reservoir (DG-4 WOUS, DG-4, and a little bit of DG-7)  
0709: Crew starts work. Primarily pulling poison hemlock and mustard with occasional tree tobacco and castor bean.  
0852-0930: Break. Linda and Charlie working on irrigation- seeing water but all irrigation should be turned off.  
1010: Crew removed at least six large tree tobacco on slope adjacent to reservoir.  
1054-1157: Lunch.  
1330: Break & Raul's crew left.  
1403: Returned to clean up site before heading out.  
1422: End of day. Crew will be continuing work in same restoration areas along the slope of the reservoir on Monday.

**Additional Comments**

N/A

**Signature**





Work\_area\_before\_starting.jpg



Work\_area\_after.jpg



Pipe\_leak\_AM.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: August 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	0 %
End of Day	14:55	90 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: AMCR, RCPA, ANHU, CALT, SPTO, OATI, MODO, ECDO, CASJ, BUSH, ECDO, ACWO, BEWR, NUWO, BARS, LEGO, HOFI, SOSP, KILL, MALL, BLPH, HOOR, OCWA, WTSW, YEWA, HUVI, WIWA, BGGN, NOMO, AMKE, BRSP

Amphibians: N/A

Reptiles: western fence lizard, western whiptail Mammals: California ground squirrel, desert cottontail, coyote

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

**Log Entry**

0635: Arrive on site. Work today will consist of non-native weed removals along DG-1 and DG-8, starting from the south and working north.

0645: Juan and several workers turn on the irrigation throughout the site.

0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.

0900: Crew takes a break.

0915: Crew resumes work in same areas on east side.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas progressing further northward.

1500: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**





**Gothic\_weeding\_restoration\_area.jpg**  
-118.17154148888889 34.19253391666666



**Weed\_removal\_dredging\_DG-1\_facingS.jpg**  
-118.17126034444445 34.19310294444444



**Work\_completion\_DG-1\_facingW.jpg**  
-118.16875523055556 34.19554172222222



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	62 °F	0-3 MPH	0 %
End of Day	14:30	91 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive vegetation removal
2. Shovels, hoes
3. Natures Image, Three man crew (Genaro Vargas foreman), additional four to six man Natures Image crew.

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

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

**List of species observed while monitoring:**

ANHU, CASJ, COHA, AMCR, CALT, western fence lizard, BEWR, side blotched lizard, MODO, coastal whiptail, CAQU, California ground squirell, RTHA, WREN, BGGN,

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

**Log Entry**

0615 arrived onsite.

0630 G. Vargas shows me the work area. Approximately 34.193187 N, 118.172259 W starting point, crew is heading north in DG-7 side slope.

0705 area is cleared, and crew starts working pulling mainly poison hemlock. Two people working on irrigation.

0840 crew member finds inactive nest in dry vegetation. I set buffer with tape for crew to avoid it and add it in fieldmaps.

0855 crew breaks.

0934 crew returns.

0937 two crew members leave to go fix a broken valve in irrigation.

1050 crew breaks for lunch.

1139 crew returns from lunch.

1325 crew breaks.

1345 Additional crews leave.

1352 three-person crew returns to clean work area.


1413 crew finishes, cleaning area and heads in for the day.

1430 left site.

**Additional Comments**

N/A

**Signature**





Start\_of\_day\_facingNE.jpg



Middle\_of\_day\_facingSE.jpg



workarea\_facingSE.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: August 27, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	64 °F	0-3 MPH	0 %
End of Day	14:40	92 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration weed clearing.
2. 11, hand tools.
3. 11, Nature's Image, Genero and Raul.

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

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

**List of species observed while monitoring:**

ACWO, CASJ, MODO, ALHU, AMCR, WREN, BEWR, CAQU, BUSH, Amazonia sp., ANHU, DEJU, and CALT.

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

**Log Entry**

0620 I arrived onsite.

0635 Genero took me to the first work area along the slope of the channel in DG-7 (Temporary impacts) and DG-4.

0640 I began clearing the area.

0700 I finished clearing the first work area and alerted the crew. They arrived and began work shortly after.

0710 Genero took me to the second work area in DG-4 and parts of DG-4 WOUS.

0715 I began clearing the second work area.

0730 I finished clearing the second work area, returned to the crew, and alerted Genero. For both areas: Focus: *Plantago arenaria*, *Conium maculatum*, *Brassica nigra*, and *Nicotiana glauca*. Tools/method: hand tools and hand pulling.

0810 Deactivated NUWO\_04. See Field Maps for details.

0900 Crew broke for first break.

0925 Crew returned from first break.

0930 Crew began to work in second work area.

1054 Crew broke for lunch.

1045 Crew returned from lunch.

1055-1300 Met with Tyson from Sweet Bee to show him the hives and get a price quote.

1325 Crew broke for second break.

1350 Crew returned from second break and crew from Perris left for the day.

1430 Crew began wrapping up for the day.

1440 Crew finished putting everything away and left for the day.

**Additional Comments**

N/A

Signature

Daniel L.



**area\_1\_during\_facingS.jpg**  
-118.1691427777778 34.19258583333333



**area\_2\_start\_facingW.jpg**  
-118.1726238888889 34.19273194444444





**area\_2\_during\_facingW.jpg**  
 -118.172645 34.1927199999999994



**area\_2\_end\_facingW.jpg**  
 -118.17262194444444 34.19275277777778



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Cole Sutter**  
**Company: ICF**  
**Date of Log: August 27, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

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

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

**List of species observed while monitoring:**

Bird: California Scrub Jay, California Towhee, Acorn Woodpecker, Wrentit, Bushtit, Mourning Dove, American Crow, Bewick's Wren, Anna's Hummingbird, Band-tailed Pigeon, Allen's Hummingbird, Northern Mockingbird, Song Sparrow, Nuttall's Woodpecker, Spotted Towhee, Cliff Swallow, Black Phoebe, Lesser Goldfinch, Oak Titmouse, Cooper's Hawk, California Quail, House Finch, California Thrasher, Red-shouldered Hawk  
Mammals: Audubon's Cottontail, Beechey Ground Squirrel  
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail,

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

**Log Entry**

0700 - Walked up DG-1 to the creek trailhead to assess weed growth and any biological concerns  
0915 - Crew broke for break  
1000 - Truck arrived to pick up vegetation bin  
1100 - Walked the upper trailhead running along the extent of Johnson Field, DG-2, and DG-3 to look for any migrant species and determine invasive weeds that may seed into restoration site  
1145 - Crew broke for lunch  
1215 - Truck arrived to drop off replacement bin  
All day - Crew weeded the bottom of DG-1 up (moving north)

**Additional Comments**

**Signature**





**Crew\_weeding\_DG-1.jpg**  
-118.16872915833333 34.19582527777777

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: August 28, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	80 %
End of Day	14:50	85 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

Yellow warbler

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

**List of species observed while monitoring:**

Birds: AMCR, RCPA, ANHU, CALT, SPTO, OATI, MODO, ECDO, CASJ, BUSH, ACWO, BEWR, NUWO, BARS, LEGO, HOFI, SOSP, MALL, BLPH, HOOR, OCWA, WTSW, YEWA, WIWA, BGGN, NOMO, GBHE, DEJU, EUST, RSHA, NAWA, BTPI, AMKE, WEBL, TUVU, CAKI

Amphibians: N/A

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, desert cottontail

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

**Log Entry**

0635: Arrive on site. Work today will consist of non-native weed removals along DG-1 and DG-8, starting from North of the yellow entrance gate and working northward.

0645: Juan and several workers turn on the irrigation throughout the site.

0700: Dredging operations within the basin commence as heavy equipment is mobilized into position.

0715: Several workers hand water the native plantings along the slope by DG-3.

0900: Crew takes a break.

0915: Crew resumes work in same areas on east side.

1100: Juan and another worker repair one of the valves near DG-2 which had a small leak in one of the spaghetti lines.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas progressing further northward.

1500: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**







**Work\_start\_DG-1\_facingSW.jpg**  
-118.16803044444445 34.19782205555555



**DG-1\_weeding\_facingS.jpg**  
-118.16784402777779 34.19985727777774



**Post-weeding\_DG-1\_facingN.jpg**  
-118.16810831111111 34.19911183333333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	59 °F	0-3 MPH	100 %
End of Day	14:15	82 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of 13, crew lead Genaro

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

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

**List of species observed while monitoring:**

ACWO, MODO, CAQU, CALT, BEWR, ANHU, OATI, BUSH, SOSP, HOFI, AMCR, WREN, CATH, COHA, CASJ, RCPA, Western fence lizard, side-blotched lizard, rattlesnake (molt), California ground squirrel, desert cottontail, wood rat (midden)

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

**Log Entry**

0620 Arrive on site

0635 began sweep of work area (DG-4).

0650 Area cleared for work, no known active nests are in the area and no new nesting birds were detected.

0700 Nature's Image crew begins weed abatement activities.

- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) while leaving native species intact.

0750 Crew moves west to work in DG-4 WOUS. The crew is mainly removing poison hemlock.

0945 A few workers begin work in DG-4A, mainly targeting poison hemlock.

1405 Crew finishes pulling weeds, begins cleaning up.

1415 Depart site.

**Additional Comments**

N/A

**Signature**



mPayno



DG-4\_before\_facingNW.jpg  
-118.17284543055555 34.192684888888884



**DG-4\_during\_facingNW.jpg**  
-118.17277903888889 34.192724794444445



**DG-4\_after\_facingNW.jpg**  
-118.1728472638889 34.192718638888884





**DG-4\_WOUS\_during\_facingN.jpg**  
-118.17301384444445 34.19301004166666



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: August 29, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	100 %
End of Day	14:30	83 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Shovels, hoes
3. Natures Image, five person crew (Genaro Vargas; foreman), additional natures image crews (six person crew)

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

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

**List of species observed while monitoring:**

Desert cottontail, CASJ, CATH, BEWR, CALT, CAQU, RCPA, ANHU, SOSP, COHA, Western fence lizard, side-blotched lizard, wood rat, California ground squirrel, HOWR, RTHA , rattlesnake sp.

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

**Log Entry**

0620 arrived on site.

0630 G. Vargas (Natures Image) shows me work area. Approximately 34.193300 N, 118.173181 W in DG-4A and DG-4.

0700 Crew of 11 starts working pulling mainly poison hemlock. Two people on irrigation.

0705 I take G. Vargas to the area that Carley A. (ECORP) would like to be worked on next. I noticed beehive on map that scheduled to be removed today.

0708 I called Carley A. (ECORP) to see if there's another area, she would like the crew to work in since the crew was instructed to stay away from bee removal. She informed me beehive removal was canceled for today and crew is set to work in area.

0850-0930 crew breaks.

1010 crew member shows me a tree she saw yesterday with possible burrowing beetle. Tree has shavings present on ground below, small holes in bark, and sap. I flagged the tree and at a point in Field Maps. Located approximately 34.192513N, 118.173406W. I show Carley A. (Ecorp) photos.

1055-1140 crew takes lunch.

1141 crew starts watching training video.

1237 crew finishes training.

1318 crew member finds rattlesnake in rocks that retreats into den. Marked in Field Maps move crew from area.

1320-1350 crew breaks. Additional crew members leave.

1350 crew cleans up work area. I checked the tarps left where snake was seen incase it went under any of them.

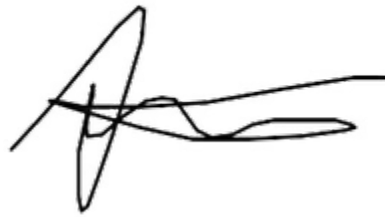
1410 crew done for day.

1425 left site.

**Additional Comments**

N/A

Signature

A handwritten signature in black ink, consisting of a large, stylized 'A' followed by a horizontal line and a small loop.

Start\_area\_facingE.jpg





Tree\_of\_concern\_facingN.jpg



Area\_during\_facingSW.jpg





Mitigation\_area\_after\_weeding.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Kristen Klinefelter**  
**Company: ICF**  
**Date of Log: August 29, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	15:00	95 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU  
RTHA BUSH NOMO CAKI HUVI OCWA AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU  
BEWR SPTO LEGO NOFL AMRO COHA EUST OCWA YWAR BHGR WETA BHGR WBNU CEDW BTPI RCPA

Reptiles: western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel, Desert Cottontail, Coyote

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-1.

1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





Invasive\_removal\_DG-1\_facingSW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: August 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:24	86 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Nonnative plant removal
2. Hand tools
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

CASJ, CALT, ANHU, RWBL, NOMO, ACWO, CATH, HOFI, BLPH, SOSP, HOSP, AMCR, BEWR, BARS, COHA, MODO, KILL, CAQU, RSHA, OATI, desert cottontail, California ground squirrel, side-blotched lizard, coastal whiptail

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

**Log Entry**

0615 arrived on site.

0630 checked in with Linda. Started nesting bird survey in DG-4 WOUS (34.191818°N 118.173746°W).

0700 no nesting activity observed. Cleared crew to start work. Monitored nonnative plant removal.

0830 crew headed to cars for morning break.

0910 crew returned to work area.

1040 crew started heading to cars for lunch break.

1200 crew returned to work area. Monitored wildlife activity in the area.

1330-1400 crew's afternoon break.

1400 crew started cleaning up for the day.

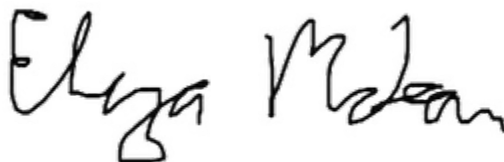
1425 left site.

Plan for next week: the crew will be to continue work in DG-4 WOUS, heading south.

**Additional Comments**

N/A

**Signature**





20240830\_workareabefore\_facingS.jpg



20240830\_workareabefore2\_facingSE.jpg





20240830\_workareaafter\_facingSE.jpg



20240830\_workareaafter2\_facingS.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: August 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	13:55	79 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal.
2. Tarps (2), hoes (2), hula hoes (8)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CORA, CAQU, CALT, RCPA, CASJ, AMCR, BEWR, ALHU, MODO, SPTO, HOFI, HOSP, SOSP, SAPH, NOFL, BLPH, NUWO, TUVU, EUCD, CAKI, OATI

Mammals: California ground squirrel

Invertebrates: honeybee, hoverfly, harvester ant, dragonfly, carpenter bee, cabbage white, sulphurs, green june beetle, loraquin's admiral, typical blues,

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

**Log Entry**

0630 Crew arrives on site.

0645 Crew heads to begin non-native vegetation removal in DG-1 working their way south. Irrigation is turned on and checked.

0900 Crew takes break.

0915 Crew returns to work in DG-1.

1200 Crew takes lunch.

1230 Crew returns to work in DG-1. Irrigation is turned off and checked.

1349 Crew begins to wrap up work for the day.

**Additional Comments**

N/A

**Signature**





**DG1\_vegetation\_removed\_facingS.jpg**  
-118.16950095 34.19518461111111



**DG1\_pre\_vegetation\_removal\_facingS.jpg**  
-118.16949691944446 34.19517525



**DG1\_post\_vegetation\_removal\_facingS.jpg**  
-118.1695282888889 34.1952332222222



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carly Taylor**  
**Company: ECORP**  
**Date of Log: September 3, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	69 °F	0-3 MPH	0 %
End of Day	14:27	94 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Hand tools, pulling by hand
3. Nature's Image (14 including Genaro)

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

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

**List of species observed while monitoring:**

CALT, BEWR, BGGN, AMCR, MODO, COHA, ACWO, CASJ, NUWO, BLPH, SPTO, WREN, CAQU, parrot, SOSP, LEGO, CAKI, OATI, HUVI, ANHU, HOFI, EUST, ALHU, Robert fly, CATH, desert cottontail, carpenter bee, woodrat sp., western fence lizard, WTSW, EUCD, swallowtail butterfly, California ground squirrel, BUSH, California king snake

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

**Log Entry**

0620: arrived on site ready for pre-sweep of DG-4 WOUS where crew will be working.

0651: work begins. Crew (12) pulling non-natives (primarily poison hemlock and mustard). Linda and Ed working on irrigation.

0847-0924: break

1051-1157: lunch break

1232: dead woodrat (likely but unidentifiable) in restoration area. Not caused by work activities. Crew working away from it since it is attracting wasps.

1330-1357: break & Raul's crew left for day. Cleanup site. Tatiana saw a California king snake in the site (confirmed with photo).

**Additional Comments**

N/A

**Signature**





Restoration\_area\_before.jpg



Restoration\_area.jpg



Cleared\_poison\_hemlock\_patch.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: September 4, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	74 °F	0-3 MPH	0 %
End of Day	14:30	99 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Shovels, hoes
3. Natures Image (Genaro Vargas: foreman) plus additional Natures Image crew

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

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

**List of species observed while monitoring:**

BHGR, CAQU, CALT, AMCR, CASJ, MODO, desert cottontail, SOSP, COHA, BGGN, ALHU, coyote, western fence lizard, western tiger swallowtail, side-blotched lizard, striped racer, California ground squirrel

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

**Log Entry**

0620 arrived onsite.  
0630 G. Vargas shows me the work area. Approximately 34.191342 N, 118.174134 W in DG-4 WOUS / DG-4  
0645 area is cleared for work.  
0653 crew starts working pulling mainly poison hemlock and heading west. Two people are on irrigation.  
0845 crew breaks.  
0920 crew returns.  
1050 crew breaks for lunch  
1140 crew returns from lunch  
1320 crew breaks. Additional crews leave for the day.  
1340 three-person crew heads back to clean up work area.  
1420 crew finished cleaning the area. Done for the day.  
1430 left site

**Additional Comments**

N/A

**Signature**





Before\_facingNW.jpg



During\_facingW.jpg



Done\_facingNW.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Madison Panzino**  
**Company: ECORP**  
**Date of Log: September 5, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:22	69 °F	0-3 MPH	0 %
End of Day	14:15	107 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Weed abatement and irrigation maintenance
2. Hand tools (hoes, shovels, etc.)
3. Nature's Image crew of 12, crew lead Genaro

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

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

**List of species observed while monitoring:**

ACWO, MODO, CAQU, CALT, BEWR, ANHU, OATI, BUSH, SOSP, HOFI, AMCR, RTHA, CASJ, WREN, BGGN, Western fence lizard, side-blotched lizard, coastal whiptail, California ground squirrel, desert cottontail, wood rat (midden)

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

**Log Entry**

0620 Arrive on site

0635 began sweep of work areas in DG-4. There are three separate work areas the crew is targeting today.

0650 Areas cleared for work, no known active nests are in the areas and no new nesting birds were detected.

0700 Nature's Image crew begins weed abatement activities.

- The crew removes non-native weed species such as poison hemlock (*Conium maculatum*) and perennial pepper weed (*Lepidium latifolium*) while leaving native species in tact.

1100 Bird activity very low today with temperature nearing 100F.

1405 Crew begins cleaning up. No more weeding will be done today.

1415 Depart site.

**Additional Comments**

N/A

**Signature**





**DG-4\_before\_facingSE.jpg**  
-118.17438517500001 34.19099662777777



**DG-4\_during\_facingSE.jpg**  
-118.17438230555555 34.19098647222222



**DG-4\_after\_facingSE.jpg**  
-118.17436913888889 34.19095337222222



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: September 6, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	84 °F	0-3 MPH	60 %
End of Day	14:12	107 °F	0-3 MPH	40 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration and weed removal
2. Hand pulling and hand tools
3. Genaro (Nature's Image foreman)

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

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

**List of species observed while monitoring:**

Red Admiral, Cabbage White, Western Tiger Swallowtail Coastal Whiptail, Western Fence Lizard, Side-Blotched Lizard SOSP, CALT, BEWR, LEGO, HOFI, ACWO, NUWO, MODO, Amazona sp., CASJ, RSHA, ALHU, BLPH, AMCR, BGGN, CAKI, BUSH Coyote, Netoma sp., Desert Cottontail, California Ground Squirrel

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

**Log Entry**

0620- Arrived on site. Swept planned work area (DG-4).  
0700- Crew started work. They are removing hemlock and mustard. They are also working towards the slope.  
0845- Crew stopped for a break.  
0915- Crew resumed work after break.  
1045- Crew stopped for lunch.  
1145- Crew resumed work after lunch. They are still working in the same area of DG-4.  
1315- Crew stopped for break.  
1415- Crew finished for the day. They plan on working in DG-4. They are working towards the slope to remove vegetation going up the large tree facing north. They are also going to work west of that large tree. (34.1919501, -118.1732000).

**Additional Comments**

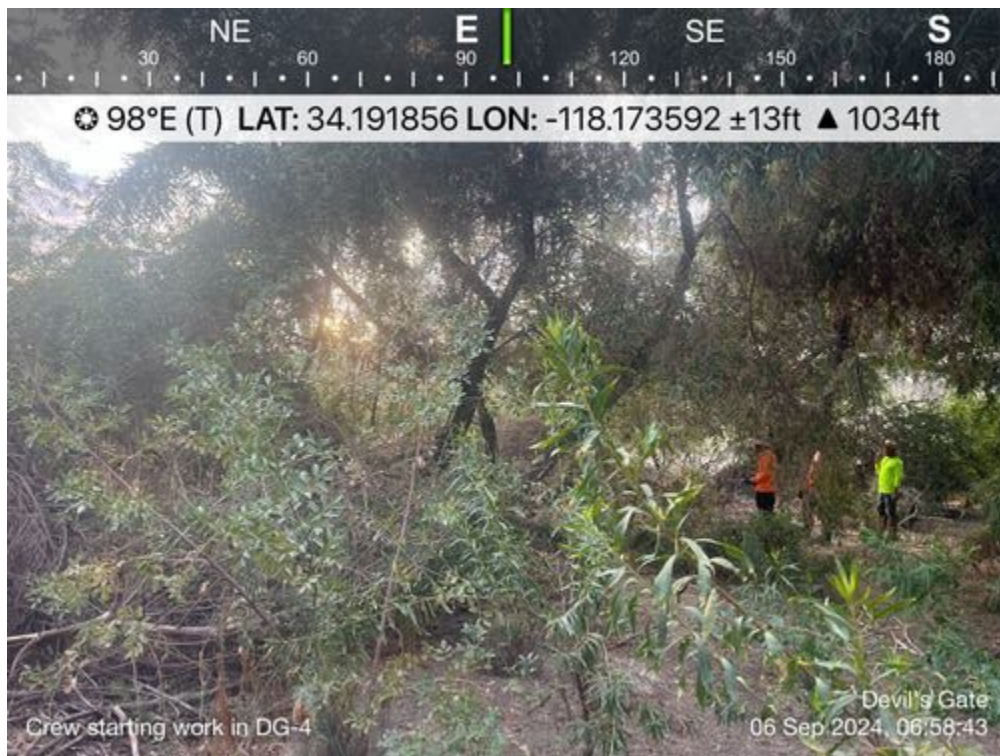
N/A

**Signature**





DG-4\_prior\_to\_work\_starting.jpg



Crew\_starting\_work\_in\_DG-4.jpg





Crew\_working\_in\_DG-4.jpg



Crew\_finishing\_up\_for\_the\_day.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: September 9, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	72 °F	0-3 MPH	0 %
End of Day	14:28	106 °F	7-9 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration nonnative removal.
2. Hand tools, 10.
3. 10, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

RSHA, AMKE, CASJ, ALHU, BEWR, AMCR, HOOR, and MODO.

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

**Log Entry**

0620 I arrived onsite.

0635 Genero showed me the area where they'll be working in DG-4 and DG-4 WOUS CONNECTIONS.

0640 I began clearing the work area.

0657 I finished clearing the area, alerted the crew, the crew arrived shortly after and began weeding. Focus: *Conium maculatum*, *Brassica nigra*, and *Lepidium latifolium*. Method/tools: hand pulling and hand tools.

0850 Crew broke for first break.

0915 Crew returned from break and started watching a heat safety video.

0925 Crew returned from first break and heat safety video.

1050 Crew broke for lunch.

1155 Crew returned from lunch.

1330 Crew broke for second break and the crew from Perris left for the day.

1350 Crew returned from second break.

1405 Crew began wrapping up for the day.

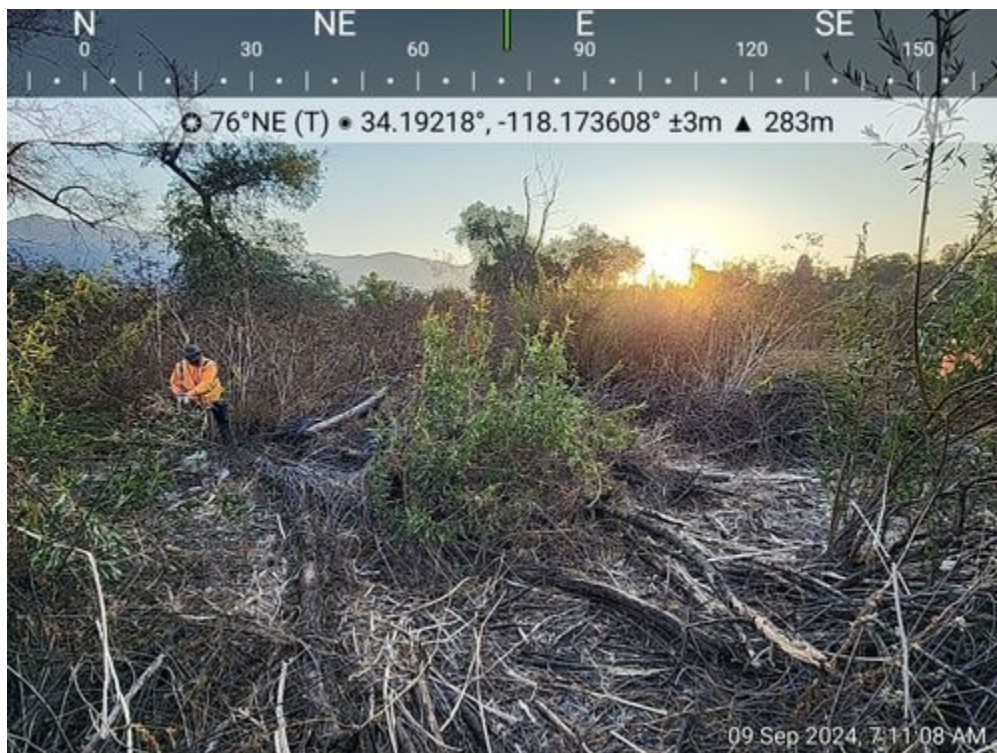
1430 Crew finished putting everything away and left for the day.

**Additional Comments**

2 crew members working on irrigation.

**Signature**





**work\_area\_start\_facingNE.jpg**  
 -118.17360777777779 34.192179999999999



**work\_area\_during\_facingNE.jpg**  
 -118.17352472222223 34.192200833333333





**work\_area\_after\_facingNE.jpg**  
 -118.17352083333334 34.19219972222222



**work\_area\_after\_alternative\_view\_facingNE.jpg**  
 -118.17353194444445 34.19228277777778



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shelby Dunn**  
**Company: ECORP**  
**Date of Log: September 10, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	76 °F	0-3 MPH	0 %
End of Day	14:20	95 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing non-native vegetation primarily perennial pepperweed and some mustard in DG-4.
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of 10

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

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

**List of species observed while monitoring:**

ANHU CORA BEWR ACWO NUWO OATI BGGN CASJ CALT ANHU BLPH SOSP LEGO ALHU RCPA CATH  
RSAH GREG MODO HOFI COHA RTHA TUVU, Desert cotton tail, Side-blotched lizard

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

**Log Entry**

0620 Arrived at oak grove disc golf course  
0630 Met Genaro who led to the work area  
0635 Arrived at work area in DG-4 at 11S 391894 3784095. Informed crew will be working west of the slope, and moving north.  
0640 Began preconstruction sweep of the work area for nests and other sensitive biological resources. No nests, nesting behavior observed, or other sensitive biological resources observed.  
0700 Cleared crew to begin work  
0710 Crew began removing non-native vegetation by hand. Primarily removing perennial pepperweed  
0735 Observed a fallen tree planted in DG-4 that was previously marked as "tree of concern"  
0845 Crew paused work and walked back to cars to take a break  
0925 Crew arrived back at DG-4 and began work  
1045 Crew paused work and walked back to cars to take a lunch break  
1210 Crew arrived back at DG-4 and began work  
1320 Crew paused work and walked back to the cars to take a break. Seven crew members left  
1355 Crew of 3 resumed work  
1405 Informed by Genaro that the crew will not be removing vegetation for the rest of the day and will spend the rest of the workday cleaning up. Crew will pick up work in the same location tomorrow  
1407 Checked in with ECORP PM  
1420 Left site

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to read 'GDM'.

**Vegetation\_clearing\_before\_\_facingNE.jpg**



Fallen\_tree\_in\_DG\_4\_facingNE.jpg



Vegetation\_clearing\_during\_facingN.jpg





Vegetaion\_clearing\_after\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Sam Harrison**  
**Company: ECORP**  
**Date of Log: September 11, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:44	60 °F	0-3 MPH	0 %
End of Day	14:22	80 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal/weeding
2. Hand tools
3. Genaro (Nature's Image Foreman)

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

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

**List of species observed while monitoring:**

Silver Garden Orbweaver, Yellowjacket, Dragonfly sp., Western Honeybee, Blue sp., Cabbage White Western Fence Lizard, Coastal Whiptail BUSH, CALT, RSHA, NUWO, WREN, ACWO, CASJ, SOSP, BEWR, Amazona sp., AMCR, ANHU, CAQU, CATH, HOFI, WTSW, ALHU, MODO, SPTO, CAKI, OATI, AMKE Desert Cottontail (scat), California Ground Squirrel

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

**Log Entry**

0620- Arrived on site. Went to sweep planned work area in DG-4. Also spoke to Genaro about the bee hive removal.  
0701- Crew started work in DG-4. They removing mustard and Hemlock. They working their way west of the slope.  
0840- Crew stopped for a break.  
0915- Crew resumed work after break.  
0953- Crew found Yellowjacket nest. Crew is now moving away from the nest. Marked in fieldmaps.  
1030- Went and Swept DG-4 Sheetflow area as they are finishing up work in DG-4.  
1050- Crew stopped for lunch.  
1055- Spoke to Tyson (beehive removal). I showed him where beehive is located.  
1145- Crew resumed work after lunch. They are still working in DG-4.  
1258- Tyson finished removing the beehive from the irrigation box by the road. He mentioned that their will be some stragglers for the next couple of days but will be gone. Passed information onto Carley A.  
1315- Crew stopped for a break.  
1345- Crew resumed work after taking break. Perris crew left for the day.  
1421- Crew finished for the day.

**Additional Comments**

N/A

**Signature**





DG-4\_prior\_to\_work\_starting.jpg



Crew\_starting\_work\_in\_DG-4.jpg





Crew\_working.jpg



Crew\_finished\_for\_the\_day.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Verity Richardson**  
**Company: ECORP**  
**Date of Log: September 12, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:50	79 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Nature's Image: Genaro, Roberto, +15 crew - Removing non-native plants (*Hirschfeldia incana*, *Lepidium latifolium*, *Conium maculatum*, tree of heaven) using hand tools (hand pulling, hoes machete) in DG-4 and DG-4 sheetflow.  
2 crew members performed irrigation maintenance, 1 crew member removed cages from plants

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

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

**List of species observed while monitoring:**

CALT CASJ CAQU ACWO HOFI WBNU AMCR CATH ALHU BUSH NOMO MODO BLPH SOSP LEGO KILL ANHU  
RTHA TUVU Amazona sp., Cottontail, California ground squirrel, side-blotched lizard, western fence lizard, Western honey bee, cabbage white butterfly, painted lady

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

**Log Entry**

0630 Met with crew.

0635 Genaro showed me the work area, I conducted pre-works sweep.

0700 Crew began pulling non-native vegetation. Crew member removing cages from planted plants. Multiple rat midden in area - showed crew what to look for and reminded to give them space.

0825 Crew take break and hold safety meeting.

0907 Crew resumed work. Sweep area ahead of vegetation clearing.

1050 Crew break for lunch.

1150 Crew resumed work. Biologist sweeps area ahead of crew.

1250 Mapped hornet nest in DG-4 discovered by crew member whilst he was pulling non-natives.

1320: Crew took a break.

1340: Majority of crew depart, leaving Genaro plus four workers.

1430: Crew wrapping up for the day - taking out removed vegetation on tarps, placing in dumpster near parking lot.

**Additional Comments**

N/A

**Signature**







**Removing\_tree\_of)heaven\_DG-4\_091224.JPG**  
-118.1756027777778 34.19127222222222



**Bundling\_removed\_vegetation\_into\_tarps\_to\_take\_offsite\_091224.JPG**  
-118.17557222222223 34.19136944444444





**Crew\_clearing\_nonnatives\_091224.JPG**  
-118.17566944444445 34.19133055555555



**Removing\_cages\_from\_plants\_091224.JPG**  
-118.17548611111111 34.19123055555555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: September 13, 2024**

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

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

Restoration Monitoring

**Construction Activity:**

1. Nonnative vegetation removal
2. Shovels, hoes.
3. Natures Image crews (Genaro Vargas foreman) 14 people total.

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

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

**List of species observed while monitoring:**

AMCR, BUSH, SOSP, CALT, SPTO, LEGO, BLPH, CAQU, ALHU, CASJ, RCPA, COHA, cottontail, CATH, MODO, California ground squirrel, western fence lizard, BGGN

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

**Log Entry**

0615 Arrived on site  
0630 G. Vargas shows me the work area in DG-4. Approximately 34.191455N, 118.175770W.  
0702 Crew of seven shows up and starts pulling mainly poison hemlock. Two people on irrigation.  
0722 Additional crew of five shows up with one person collecting cages. G. Vargas informs me plan next week is to start in far SE corner of site on slopes.  
0843 Crew breaks.  
0905 Crew returns.  
1040 Crew goes on lunch.  
1105 Beehive remover arrives.  
1135 Crew returns from lunch. Bee remover heads to beehive in irrigation box to be removed with Genaro.  
1220 G. Vargas informs me be remover is going to be about two hours and then will start yellowjacket hive.  
1300 Additional crews leave. Three people return, pulling while one is on irrigation.  
1321 Crew breaks.  
1345 G Vargas picks up bee remover and takes him to yellow jacket hive. Crew returns and starts cleaning work area.  
1415 Left site.

**Additional Comments**

N/A

**Signature**

A handwritten signature in black ink, consisting of a stylized, cursive script that is difficult to decipher but appears to be a name followed by a surname.





Work\_area\_before\_work.jpg



During\_facingNW.jpg





End\_facingS.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Taylor Soloranzo**  
**Company: ICF**  
**Date of Log: September 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	58 °F	4-6 MPH	95 %
End of Day	14:45	71 °F	7-9 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: ACWO AMCR Parrot sp. ANHU LEGO CASJ OATI WREN CALT CORA RTHA MODO BEWR HOFI CAQU TUVU

Reptiles: Western Whiptail

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

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

**Log Entry**

0655: Crew arrived on site.

0700: Safety tailgate.

0705: Crew begins work weeding DG-4 and DG-W-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work weeding in DG-4 and DG-W-2.

1015: Rest of crew arrived after vehicle trouble.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-4 and DG-W-2.

1445: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**





**Invasive\_species\_removal\_DG-4\_facingE.jpg**  
-118.17447515555556 34.19331180555555



**Invasive\_species\_removal\_DG-4\_facingN.jpg**  
-118.17395905555556 34.19377380555555





**Invasive\_species\_removal\_DG-4\_facingS.jpg**  
-118.17314725 34.19357869444444



**Invasive\_species\_removal\_DG-W-2\_facingNW.jpg**  
-118.17447926666667 34.19275929166666

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: September 16, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	98 %
End of Day	14:30	77 °F	0-3 MPH	85 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant removal
2. Shovels, hoes, chain saw
3. Natures Image (Genaro Vargas: foreman)

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

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

**List of species observed while monitoring:**

NUWO, RCPA, AMCR, CAQU, KILL, cottontail, BLPH, ANHU, SOSF, AGOL, ALHU, California ground squirrel, COHA, CORA, side blotched lizard, coastal whiptail, CALT, RTHA, ACWO

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

**Log Entry**

0620 Arrived onsite.

0630 Crews and I follow G. Vargas to the upper parking lot in back SE corner of west side.

0640 G. Vargas shows me the work area in DG-4 along the slope and road to reservoir.

0656 Crews start working at approximately 34.186958 N, 118.177556 W, seven people pulling plants, two on irrigation.

0848 Crew breaks

0901 Crew returns

1046 Bee remover arrives. One crew member meets him and takes him to bee hives that need to be removed.

1048 Crew breaks for lunch. Genaro Vargas asks about removing fig trees in area. I ask Carley (ECORP) and she told us to remove them.

1140 Crew returns from lunch.

1250 Additional crews leave.

1300 Two-person crew starts cleaning work area.

1430 Left site

**Additional Comments**

N/A

**Signature**







Start\_facingNE.jpg



Natures\_Image\_during\_work.jpg





End\_facingNE.jpg



FigTree\_removed\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: September 17, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	51 °F	0-3 MPH	0 %
End of Day	14:34	73 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants
2. Hand tools, chainsaw, Kubota
3. Nature's Image crew

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

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

**List of species observed while monitoring:**

CALT RCPA BEWR ACWO BLPH AMCR BUSH EUST RUHU CASJ WREN MODO

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

**Log Entry**

0615 Arrived on site.

0630 Checked in with Genaro. Drove over to the southern end of DG-4. No nesting activity in the area.

0700 Crew started removing nonnative plants, including fig trees.

0845-0915 Crew's morning break

0945 Crew started noticing some bees in the work area. Determined that bees were not honey bees or yellow jackets and were not aggressive. Told the crew they can continue working in this area.

1050 Crew stopped for lunch.

1130 Guided bee removal contractor to yellow jacket nest in DG-4, south of Nature's Image trailer. Headed back to restoration crew work area.

1200 Crew resumed work. Continued monitoring wildlife activity.

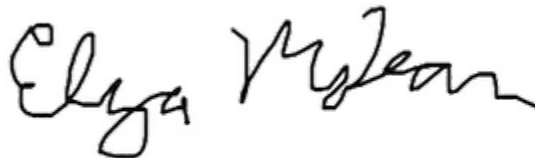
1420 Crew started cleaning up for the day.

1435 Left site.

**Additional Comments**

N/A

**Signature**







20240917\_work\_area\_before\_facingNE.jpg



20240917\_work\_area\_EOD1\_facingN.jpg





20240917\_work\_areaEOD2\_facingN.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 17, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	14:50	72 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal.
2. Tarps (4), hula hoes, hoes, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CASJ, CATH, CALT, AMCR, MODO, HOFI, NOMO, BLPH, OATI, BUSH, DEJU, WEBU, BEWR, LEGO, ACWO, RCPA, ANHU, NUWO, ATFL, EUST, CAQU, WTSW, CORA, RTHA, RSHA, SOSP, MAKE

Mammals: coyote, California ground squirrel, desert cottontail

Reptiles: western fence lizard, side-blotched lizard, western whiptail

Amphibians: NA

Invertebrates: gray buckeye, honeybee, harvester ant, cabbage white, dragon fly

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

**Log Entry**

0630 Crew arrives on west side of site.

0645 Crew begins non-native vegetation removal on west side of arroyo secco in DG-W-2. Three crew members head to the east side of site for irrigation maintenance.

0900 Crew takes break.

0915 Majority of crew resumes work in DG-W-2. Irrigation maintenance on east side resumes. Crew lead informs and shows biologist of some willows with dry leaves on the east side.

1200 Crew takes lunch.

1230 Crew continues with vegetation removal on west side moving north.

1440 Crew begins to wrap up work for the day. Taking removed vegetation to the dumpster.

**Additional Comments**

N/A

**Signature**





**Vegetation\_removed\_facingE1.jpg**  
-118.17502038055557 34.192878111111106



**Johnsonfield\_willows\_facingS.jpg**  
-118.17114910000001 34.19123669444444





DG4\_western\_whiptail\_facingW.jpg  
-118.17404198055556 34.19225202777776

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	60 °F	0-3 MPH	0 %
End of Day	14:50	78 °F	4-6 MPH	5 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration, nonnative removal.
2. Hand tools, 9; circular blade pole saw,
3. 9, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

ACWO, Amazonia sp., CAQU, CALT, AMCR, CASJ, EUST, CAKI, BLPH, Alligator lizard species, ALHU, BEWR, and TUVU.

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

**Log Entry**

0620 I arrived onsite.

0630 Genero, the crew, and I caravanned to the work area in DG-4 near the dam.

0640 Genero showed me where they will be working and began clearing the area.

0655 I finished clearing the area, alerted the crew, and they began work shortly after. Focus: *Ficus carica*, *Lepidium latifolium*, *Brassica nigra*, non-native *Rumex* sp. Tools/method: hand tools and circular blade pole saw; hand pulling and mechanical removal.

0850 I safely relocated a species of alligator lizard the crew found where they were walking with tarps, and they broke for the first break.

0920 Crew returned from first break.

1050 Crew broke for lunch.

1135 Crew returned from lunch.

1330 Crew broke for second break and crew from Perris left for the day.

1350 Crew returned from second break.

1435 Crew began wrapping up for the day.

1450 Crew finished putting everything away and left for the day.

**Additional Comments**

N/A

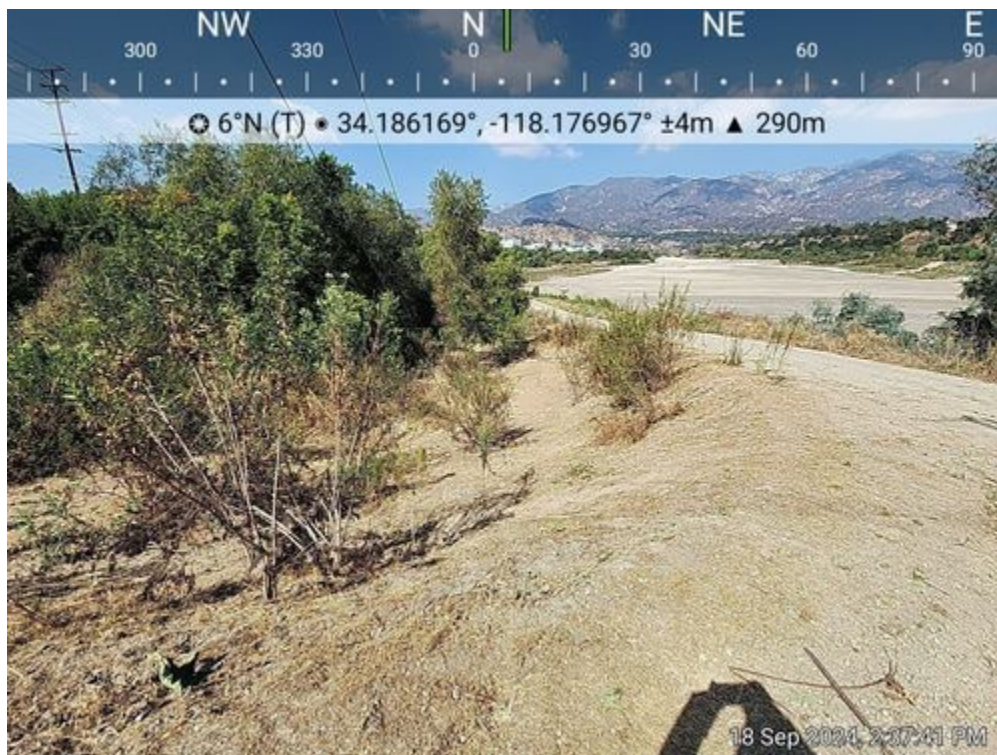
**Signature**







**main\_work\_area\_start\_facingN.jpg**  
 -118.17698777777778 34.18615694444444



**main\_work\_area\_end\_facingN.jpg**  
 -118.17696694444444 34.186168888888886





**main\_work\_area\_alternative\_view\_facingWSW.jpg**  
 -118.1767797222222 34.18652888888889



**removed\_ficus\_carica\_stumps\_facingW.jpg**  
 -118.17708777777779 34.18633194444444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 18, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:50	72 °F	7-9 MPH	10 %

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

Construction Monitoring

**Construction Activity:**

1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: WREN, BEWR, RCPA, CASJ, BLPH, AMCR, ACWO, AMKE, CALT, SOSP, BUSH, CATH, SPTO, ANHU, BTPI, RSHA, ALHU, HOFI, LEGO, CORA, CAQU

Mammals: coyote, desert cottontail, California ground squirrel, bobcat (track)

Reptiles: western fence lizard, western whiptail

Amphibians: western toad

Invertebrates: harvester ant, honey bee, leaf hopper assassin bug, marine blue, dragon fly, pale cross orb weaver, yellow jacket, hover fly, carpenter bee, weevil

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

**Log Entry**

0635 Crew arrives on site.

0650 Crew begins vegetation removal in Johnson Field. Irrigation is turned on and additional plantings watered.

0840 Observed one bobcat track.

0859 Observed deceased western toad.

0900 Crew takes break.

0915 Crew returns to Johnson field moving their way south towards DG2.

1200 Crew takes lunch.

1230 Crew returns to vegetation removal in DG2.

1430 Crew heads out of restoration area.

1440 Crew throws away removed vegetation.

**Additional Comments**

N/A

**Signature**







**Bobcat\_track\_facingS.jpg**  
-118.17246501111111 34.19092233333333



**DG2\_vegetation\_removed\_facingW2.jpg**  
-118.17210843055555 34.18998471111111



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Carter Warwick**  
**Company: ECORP**  
**Date of Log: September 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:01	75 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration. Clearing pepperweed and mustard in south DG-4
2. Hand tools
3. Nature's Image

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

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

**List of species observed while monitoring:**

BLPH, CALT, SOSP, BUSH, KILL, CORA, ALHU, CASJ, ACWO, BEWR, RSHA, SBMU, NUWO, LEGO, California ground squirrel, western fence lizard, desert cottontail

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

**Log Entry**

0630- On site. Caravan to work area.

0640- Survey work area.

0655- Work area clear. Waiting for some crew members to arrive. Light rain falling, no indication of precipitation on weather radar.

0717- Rain stops, crew on site. Begin clearing in south end of DG-4 near basin exit ramp. Clearing pepperweed, mustard.

0900- Break.

0920- Resume work.

1048- Begin cleaning up before lunch.

1200- Resume work in same area. Clearing nonnatives from slope of exit haul road.

1320- Crew break.

1345- Crew cleaning up work areas.

1405- Depart site.

**Additional Comments**

N/A

**Signature**





photo\_1-DG-4\_before\_clearing\_facingN.jpg



photo\_2-DG-4\_work\_area\_after\_removal\_facingSW.jpg





photo\_3-removing\_weeds\_on\_road\_slope\_facingN.jpg





**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 19, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61 °F	0-3 MPH	100 %
End of Day	14:35	69 °F	4-6 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CALT, RCPA, AMCR, AMKE, ACWO, ANHU, WREN, SOSP, CASJ, CAQU, OCWA, BUSH, BLPH, MODO, KILL, SPTO, RSHA, WTSW, HOFI, BGGN, BEWR, NUWO, OATI, WBNU, WETA, NOMO, TUVU

Mammals: desert cottontail, California ground squirrel, pocket gopher, fox squirrel

Reptiles: western fence lizard, side-blotched lizard

Amphibians: NA

Invertebrates: orb weaver, blow fly, leaf hopper, yellow jacket, honeybee, dragonfly, harvester ant

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

**Log Entry**

0635 Crew arrives on site.

0650 Crew begins vegetation removal in DG-2. Irrigation is turned on and the lines checked for leaks.

0835 Observed non-native lily and showed it to crew lead to be removed.

0900 Crew takes break.

0915 Crew begins vegetation removal in DG-3B.

0935 Observed American crow carrying a mouse.

1040 Observed pocket gopher.

1200 Crew takes lunch.

1230 Crew returns to vegetation removal in DG-3B.

1430 Crew wraps up work for the day.

**Additional Comments**

N/A

**Signature**





**DG-2WOUS\_prevegetation\_removal\_facingE.jpg**  
-118.17295460000001 34.18843888888888



**DG-2WOUS\_post\_vegetation\_removal\_facingE.jpg**  
-118.1729553888889 34.18843452777777

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	55 °F	0-3 MPH	100 %
End of Day	14:22	74 °F	0-3 MPH	100 %

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

Restoration Monitoring

**Construction Activity:**

1. Weeding and vegetation removal
2. Hand pulling and hand tools
3. Genaro (Nature's Image foreman)

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

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

**List of species observed while monitoring:**

Yellowjacket, Cabbage White, Common Side-Blotch, Western Fence Lizard, CAQU, ACWO, CALT, SOSP, ANHU, NUWO, ACWO, Amazona sp., BUSH, BLPH, KILL, COHA, NOFL, BEWR, CASJ, WREN, ALHU, HOFI, LEGO, OATI, Desert Cottontail, Coyote, Woodrat, California Ground Squirrel

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

**Log Entry**

0630- Arrived on site. Went to sweep planned work area in DG-4.

0655- Crew started work in DG-4. They are removing pepperweed, mustard, and hemlock.

0845- Crew stopped for break.

0915- Crew resumed work after break and working their way north.

1045- Crew stopped for lunch. They also had a safety meeting on site with Raul (Nature's Image).

1130- Crew resumed work after lunch.

1302- Perris Crew left for the day. Rest of Crew is still working.

1330- Crew stopped for a break.

1345- Crew resumed work after break.

1421- Crew finished for the day. They plan on continuing to work in DG-4 close to the dam. They will continue to move north but will move in an "S" pattern to circle back towards the dam. (34.1870069, -118.1772799)

**Additional Comments**

N/A

**Signature**







DG-4\_prior\_to\_work\_starting.jpg



Crew\_starting\_work\_in\_DG-4.jpg





Crew\_working\_in\_DG-4.jpg



Crew\_finishing\_up\_in\_DG-4.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 20, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58 °F	0-3 MPH	100 %
End of Day	13:45	71 °F	7-9 MPH	60 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal.
2. Tarps, hand tools and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: CALT, ACWO, AMCR, BLPH, RCPA, ATFL, AMKE, CAQU, BUSH, BEWR, CASJ, CATH, SOSP, SPTO, NUWO, WCSP, ANHU, EUST, BGGN, KILL, SAPH, RSHA, MODO

Mammals: desert cottontail, California ground squirrel

Reptiles: western fence lizard, western whiptail

Amphibians: NA

Invertebrates: honeybee, blow fly, yellow jacket, dragonfly, harvester ant, gray buckeye, cabbage white, Argentine ant

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

**Log Entry**

0635 Crew arrives on site.

0645 Observed coyote leave retaining pond heading into riverbed.

0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.

0900 Crew takes break.

0915 Crew continues vegetation removal on side slopes.

1200 Crew takes lunch.

1230 Crew begins vegetation removal in DG-3A, and irrigation is turned off.

1330 Crew wraps up work for the day.

**Additional Comments**

N/A

**Signature**







**Coyote\_leaving\_retaining\_pond\_facingN.jpg**  
-118.1714568 34.19246569444444



**SideSlopes\_prevegetation\_removal\_facingE.jpg**  
-118.17393686111112 34.187093499999996





**SideSlopes\_vegetation\_removed\_facingE1.jpg**  
-118.17387151944445 34.187030899999996



**SideSlopes\_post\_vegetation\_removal\_facingE.jpg**  
-118.17396947222223 34.18707186944444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Shelby Dunn**  
**Company: ECORP**  
**Date of Log: September 23, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
<b>Start of Day</b>	06:25	62 °F	0-3 MPH	0 %
<b>End of Day</b>	15:00	91 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing non-native vegetation primarily perennial pepperweed, curly doc, and some tree of heaven in the southern most portion of DG-4.
2. Crew pulling vegetation by hand and occasionally using a hoe
3. Nature's Image: Genaro (foreman) with a crew of 7

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

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

**List of species observed while monitoring:**

SOSP BLPH ACWO CALT WTSW ALHU KILL BHCO (in traps) RCPA AMCR OATI HUVI OCWA LEGO NUWO CASJ COHA WEWP BUSH BEWR RSHA, Western fenced lizard, Side blotched lizard, Coastal whiptail, Western toad, California ground squirrel

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

**Log Entry**

0625 Arrived at oak grove disc golf course and followed Genaro by car to the work area.  
0635 Arrived at work area, the southwestern most point of DG-4.  
0640 Began a sweep of work area for sensitive biological resources.  
0700 Finished sweep of work area. No sensitive biological resources found. Cleared crew to begin work.  
0703 Crew began work removing non-native vegetation. The crew is primarily removing pepperweed and curly dock, and some tree of heaven.  
0830 Crew took break.  
0900 Crew resumed work.  
0930 Observed crew member weeding rough cocklebur. Cocklebur is mixed in with dead curly doc and was accidentally confused.  
0932 Walked north to where another group of the crew was working and found more cocklebur had been weeded.  
0935 Informed Genaro of the issue which was corrected. Genaro informed crew of the issue and to avoid the plant because it is native.  
1045 Crew took lunch.  
1200 Crew resumed work.  
1330 Crew took a break.  
1345 Four crew members left site (Perris crew)  
1355 Crew of four resumed work  
1430 Crew finished pulling weeds and began cleaning up  
1435 Spoke with Genaro about the conclusion of the workday and plan for tomorrow. Crew plans to pick up work in same location tomorrow  
1445 updated next restoration monitor  
1500 left site

**Additional Comments**



Observed multiple areas where the crew had began weeding the native rough cocklebur and reminded them to avoid the plant

**Signature**

A handwritten signature in black ink, appearing to be 'Stan' or similar, written in a cursive style.

**Work\_area\_before\_\_facingE.jpg**





Work\_area\_after\_facing\_E.jpg



Work\_area\_during\_\_facingE.jpg





Rough\_cocklebur\_in\_weed\_pile\_facingN.jpg



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 23, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	14:45	88 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: AMCR, BLPH, WREN, AMKE, MODO, CALT, BEWR, COHA, CASJ, SOSP, OCWA, OATI, HOFI, RCPA, ALHU, SAPH, WTSW, WCSP, KILL, BUSH, CATH, BGGN, NUWO, CAQU, CORA, SPTO, ACWO

Mammals: desert cottontail, California ground squirrel, fox squirrel,

Reptiles: western fence lizard, western whiptail, side-blotched lizard

Amphibians: NA

Invertebrates: honeybee, dragonfly, harvester ant, hover fly, Argentine ant, blow fly, yellow jacket, cabbage white, sulphurs, gray buckeye, gulf fritillary, carpenter bee

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

**Log Entry**

0630 Crew arrives on site.

0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.

0900 Crew takes break.

0915 Crew continues vegetation removal on side slopes working south.

1100 Observed new growth on willows that appeared stressed early last week.

1200 Crew takes lunch.

1230 Crew continues vegetation removal on side slopes and irrigation maintenance.

1430 Crew wraps up work for the day.

**Additional Comments**

N/A

**Signature**





**SideSlopes\_vegetation\_removed\_facingN.jpg**  
-118.17346644444444 34.18656591944444



**JohnsonField\_willow\_new\_growth\_facingNW.jpg**  
-118.17119561944445 34.19183903888889





**SideSlopes\_vegetation\_removed\_facingN1.jpg**  
-118.17367366666667 34.18650977777777



**Western\_whiptail\_facingN.jpg**  
-118.17233398055556 34.18956101944444



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	15:00	80 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU  
RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR  
SPTO LEGO NOFL COHA EUST OCWA YWAR BHGR WBNU BTPI RCPA TUVU AMKE KILL

Reptiles: western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel, Desert Cottontail, Coyote

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in the Side Slopes with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in Side Slopes.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in Side Slopes.

1500: Crew stops work for the day.

**Additional Comments**

Photo 1 name: Invasive\_removal\_Side\_Slopes\_facingW

**Signature**





Invasive\_removal\_Side\_Slopes\_facingW.jpg



Invasive\_removal\_Side\_Slopes\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Daniel Jaques**  
**Company: ECORP**  
**Date of Log: September 24, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	63 °F	0-3 MPH	100 %
End of Day	14:45	85 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Restoration nonnative removal.
2. Hand tools, 4.
3. 4, Nature's Image, Genero.

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

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

**List of species observed while monitoring:**

Amazonia sp., AMCR, BEWR, CALT, CASJ, BUSH, SOSP, OCWA, CORA, KILL, NUWO, MODO, HOFI, ANHU, BLPH, and RSHA.

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

**Log Entry**

0620 I arrived onsite

0635 Genero caravanned the crew and I over to where they are continuing work in DG-4 near the dam.

0645 Genero showed me to the work area, and I began clearing it.

0700 I alerted the crew they were clear and they began work shortly after. Focus: *Lepidium latifolium*, *Rumex crispus*, *Raphanus raphanistrum* Method/tools: hand pulling/hand tools.

0855 Crew broke for first break.

0925 Crew returned from first break.

1050 Crew broke for lunch.

1135 Crew returned from lunch.

1325 Crew broke for second break.

1350 Crew returned from second break.

1425 Crew began wrapping up for the day.

1445 Crew finished putting everything away and has left for the day.

**Additional Comments**

N/A

**Signature**







-118.17688777777778 34.187059999999995



-118.17386583333334 34.18629194444444





**work\_area\_alternate\_view\_after\_facingNW.jpg**  
 -118.17691388888889 34.187344999999999



**work\_area\_alternate\_view\_after2\_facingNW.jpg**  
 -118.17702777777778 34.187185833333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amanda Martinez**  
**Company: ICF**  
**Date of Log: September 25, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58 °F	0-3 MPH	100 %
End of Day	14:45	80 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation removal.
2. Tarps, hand tools, and hand pulling.
3. Gothic Landscape crew of 10 plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: AMCR, CORA, CATH, AMKE, CASJ, BUSH, RCPA, CALT, ALHU, WCSP, SOSP, OATI, BLPH, RSHA, CAQU, NOMO, OCWA, SPTO, MODO, SAPH, HOFI, COYE, KILL, BEWR, WTSW, ACWO, WEBU, MALL, RTHA, COHA, BTPI, WREN

Mammals: desert cottontail, California ground squirrel, fox squirrel

Reptiles: gopher snake, western fence lizard, western whiptail

Amphibians: NA

Invertebrates: honeybee, dragonfly, harvester ant, Argentine ant, blow fly, yellow jacket, cabbage white, carpenter bee, gray buckeye

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

**Log Entry**

0635 Crew arrives on site.

0650 Crew begins vegetation removal on side slopes. Irrigation is turned on and the lines checked for leaks.

0750 Additional plantings watered.

0900 Crew takes break.

0915 Crew continues vegetation removal on side slopes working south.

1030 Observed red-tailed hawk mob red-shouldered hawk.

1050 Observed gopher snake on trail. Encouraged it to move to safer location off of the trail.

1200 Crew takes lunch.

1230 Crew continues vegetation removal along DG trail east and irrigation maintenance.

1425 Observed RTHA with pocket gopher in talons perch onto utility pole.

1430 Crew wraps up work for the day.

**Additional Comments**

N/A

**Signature**







**RSAHA\_perched\_facingS.jpg**

-118.17226894444445 34.18921994444444



**SideSlopes\_vegetation\_removed\_facingE2.jpg**

-118.17369488055556 34.185653849999994





**Gopher\_snake\_along\_trail\_facingE.jpg**  
-118.17353973055556 34.185821338888886



**DGeast\_trail2\_vegetation\_removed\_facingE.jpg**  
-118.17216198055556 34.18964136944444

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: September 25, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	100 %
End of Day	14:15	78 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Shovel, hoe
3. Natures Image 4-person crew. Two on irrigation, two pulling.

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

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

**List of species observed while monitoring:**

AMCR, BEWR, RCPA, BLPH, ANHU, NUWO, MODO, CAQU, LEGO, SOSP, CALT, western fence lizard, CASJ, BGGN, WIWA, BUSH

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

**Log Entry**

0615 arrived onsite  
0630 G. Vargas (N. I. foreman) lead me to parking area.  
0640 shows me work area in DG-4 approximately 34.187141N, 118. 177266W. Two man crew starts pulling while two work on irrigation.  
0835 crew breaks.  
0900 crew returns.  
0936 find a few fig trees in the area and a blue passionflower plant marked for removal in field maps. G. Vargas says most likely will be removed Friday when more crew is present.  
1050 crew breaks for lunch.  
1135 crew returns.  
1221 crew leaves site to get truck from mechanic shop down the street.  
1243 crew returns  
1320 crew breaks  
1345 crew returns and starts cleaning up work area.  
1430 left site

**Additional Comments**

N/A

**Signature**







Morning\_facingNE.jpg



Afternoon\_while\_work\_is\_taking\_place.jpg



Work\_area\_after.jpg



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	15:00	89 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

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

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

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

**List of species observed while monitoring:**

Birds: SOSP WCSP BEWR CALT YRWA CASJ HOFI AMCR CORA ANHU OATI ACWO BLPH WREN MODO ALHU  
RTHA BUSH NOMO CAKI AGOL BARS CLSW BGGN BUOR LASP NUWO LEGO DEJU CAQU TUVU BEWR  
NOFL COHA EUST BHGR WBNU BTPI RCPA TUVU AMKE KILL RSHA GREG

Reptiles: western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

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

**Log Entry**

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-East Trail 3 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew begins invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

**Additional Comments**

N/A

**Signature**







Invasive\_removal\_DG-East-Trail-3\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Justin Stuart**  
**Company: ECORP**  
**Date of Log: September 26, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	14:36	82 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Vegetation clearing
2. Handheld hoe
3. Natures Image: three crew members (including Linda, foreman today)

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

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

**List of species observed while monitoring:**

cottontail, ground squirrel, western fence lizard, California king snake, tarantula hawk RSHA CAQU AMCR RCPA  
BEWR ACWO BUSH CALT HOFI ANHU EUST TOWA SOSP RTHA COHA WIWA SPTO BLPH WTSW RCKI WCSP  
WREN KILL CORA OATI

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

**Log Entry**

0630 Met Linda in DG4 parking lot. Genaro not with crew today. Followed to work area in southern end of DG4  
0645 Surveyed and cleared work area prior to crew starting  
0655 Crew began work. Crew of three today: Linda plus two  
0830-0850 Crew took break #1  
0850-1040 Crew working  
1040-1140 Crew lunch break (Linda returned at 1140, crew member #2 returned at 1200, crew member #3 returned at 1205)  
1140-1330 Crew working  
1330-1400 Crew break #2  
1400-1425 Crew working  
1425 Crew finished pulling for the day. Headed to dispose tarps and final cleanup. End of monitoring

**Additional Comments**

N/A

**Signature**





**vegetation\_clearing\_area1\_before\_facingN.jpg**



**vegetation\_clearing\_area1\_after\_facingN.jpg**





vegetation\_clearing\_area2\_before\_facingW.jpg



vegetation\_clearing\_area2\_after\_facingW.jpg  
-118.17731758333333 34.18746380555555

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Phillip Richards**  
**Company: ICF**  
**Date of Log: September 27, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	13:55	85 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

- 1) Restoration activities include irrigation and the removal of non-native invasive plant species.
- 2) Restoration equipment limited to hand tools including pruning shears and hoes.
- 3) Gothic crew comprised of 10 men plus foreman Juan.

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

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

**List of species observed while monitoring:**

Birds: Red-masked Parakeet, AMCR, WREN, CALT, WCSP, CASJ, CATH, ANHU, SPTO, KILL, SOSPO, RSHA, BUSH, BEWR, HOFI, LEGO

Herps: San Diegan Tiger Whiptail, Great Basin Fence Lizard

Mammals: California ground squirrel

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

**Log Entry**

0630 - ICF biologist and Gothic arrived at Johnson Field staging area.

0640 - Gothic crew working on irrigation and removal of non-native invasive plant species around Johnson Field (DG-W-1 and DG-2).

0900 - Gothic crew on AM break.

0915 - Gothic crew back to work around Johnson Field.

1200 - Gothic crew on lunch break.

1230 - Gothic crew back to work around Johnson Field.

1345 - Gothic crew demobilizing and securing cuttings into trash receptacle.

1355 - Gothic crew and ICF biologist leaving area.

**Additional Comments**

N/A

**Signature**







**Crew\_transporting\_cut\_weeds\_FacingW.jpg**  
-118.1721758777779 34.19059413888888



**Crew\_collecting\_weed\_material\_FacingNW.jpg**  
-118.17212919444445 34.19055851944444





**Crew\_weeding\_removing\_debris\_facingS.jpg**  
-118.1729366388889 34.18856753333333

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Eliza McLean**  
**Company: ECORP**  
**Date of Log: September 27, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	63 °F	0-3 MPH	0 %
End of Day	14:13	85 °F	4-6 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Removing nonnative plants including pepperweed, passionflower, fig.
2. Hand tools, weed whacker, chainsaw
3. Nature's Image crew of ~10

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

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

**List of species observed while monitoring:**

CASJ CALT ACWO WCSP SOSP CORA BLPH California ground squirrel, desert cottontail, side-blotched lizard, tarantula hawk

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

**Log Entry**

0615 arrived on site.

0625 checked in with Genaro. Drove to south end of DG-4. Conducted pre-activity sweep, no wildlife in the immediate work area.

0700 crew started working.

0845-0915 crew morning break.

1050-1150 crew lunch.

1320-1350 crew afternoon break.

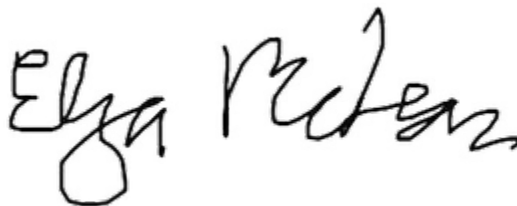
1400 crew starts cleaning up for the day.

1415 left site. Plan for next week: continue working in the south end of DG-4, working north.

**Additional Comments**

N/A

**Signature**





20240927\_workarea1before\_facingNW.jpg



20240927\_workarea2before\_facingW.jpg





20240927\_workarea1EOD\_facingNW.jpg



20240927\_workarea2EOD\_facingNE.jpg

**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Vincent Baker**  
**Company: ICF**  
**Date of Log: September 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	62 °F	0-3 MPH	0 %
End of Day	14:55	93 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

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

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

**List of species observed while monitoring:**

Birds: AMCR, CORA, RCPA, SPTO, SOSF, CALT, CASJ, BLPH, BUSH, WCSP, YRWA, ANHU, COYE, NUWO, BGGN, CATH, WREN, RCKI, KILL, BEWR, NRWS, HOFI, COHA, WIWA, CAKI, ACWO, OCWA, EUST, WTSW, MODO, LEGO, LISP, OATI, GREG, SNEG, SBMU, ALHU, BTPI, RTHA, RSHA, AMKE

Amphibians: N/A

Reptiles: western fence lizard, western whiptail

Mammals: California ground squirrel, desert cottontail

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

**Log Entry**

0635: Arrive on site. Work today will consist of weed removals in Johnson Field on the east half of the site.

0715: Juan and several workers turn on the irrigation throughout the site.

0900: Crew takes a break.

0915: Crew resumes work in same areas on east side, progressively moving southward into DG-2 and WOUS trails.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work areas.

1500: Gothic crew finishes work for the day and demobilizes.

**Additional Comments**

N/A

**Signature**







**Weed\_removal\_JohnsonField\_facingS.jpg**  
-118.17190929722223 34.19189093333333



**Established\_coffeeberry\_JohnsonField\_facingN.jpg**  
-118.17186915555556 34.19107809444444



**Devil's Gate Biological Monitoring Log**  
**Biologist/Monitor: Amber Francis**  
**Company: ECORP**  
**Date of Log: September 30, 2024**

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	59 °F	0-3 MPH	0 %
End of Day	14:25	82 °F	0-3 MPH	0 %

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

Restoration Monitoring

**Construction Activity:**

1. Non-native vegetation removal
2. Shovels, hoes
3. Natures image (two additional crews)

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

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

**List of species observed while monitoring:**

AMCR, RCPA, ANHU, RSHA, SOSP, BEWR, CALT, coastal whiptail, WIWA, western fence lizard, cottontail, California ground squirrel, BLPH, western toad

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

**Log Entry**

0620 arrived onsite.

0630 followed the crew up to the parking area.

0636 G. Vargas shows me work area in DG-4 approximately 34.187868 N, 118.177191W 0657 area cleared. Crew starts working. Two crew members on irrigation tasks, two cutting fig trees in area with chain saw, others pulling.

0744 crew finds active beehive. Marked as hazard in field maps.

0752 G. Vargas shows me the next work area crew is to move to when they complete current area. Approximately 33.185911N, 118.177407W 0849 crew breaks.

0915 crew returns.

1050 crew goes to lunch.

1145 crew returns from lunch.

1345 crew breaks. Additional crews leave for the day.

1400 crew finished cleaning up work area.

1425 left site.

**Additional Comments**

N/A

**Signature**





Active\_bee\_hive\_facingNE.jpg



RemovedFigTrees\_facingSE.jpg



CrewPulling\_facingNE.jpg