

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

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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
MM	Mitigation Measure
USFWS	U.S. Fish and Wildlife Service

1.0 INTRODUCTION

1.1 Purpose

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

Condition 6.7 in the ITP states:

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

This is the 23rd report (Quarterly Compliance Report Number 23) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between April 1 and June 30, 2024.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

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

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

No sediment removal activities were conducted during the second quarter of 2024. As such, weekly breeding season focused least Bell's vireo surveys (per ITP Condition 7.3.4) were continued in the second quarter of 2024. A total of thirteen (13) focused breeding season least Bell's vireo surveys were conducted between April 1 and June 30, 2024 by Designated Biologists approved by CDFW and USFWS. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

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

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

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

2.2 Biological Monitoring

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

No construction related activities (including site preparation for sediment removal or sediment removal activities) occurred during this reporting period. As such, no construction monitoring or inspections occurred during this reporting period.

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

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

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

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

2.3 Project Construction Activities

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

2.4 Habitat Restoration Activities

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

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

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

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from July 1, 2024 to September 30, 2024.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

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

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist was present during all initial ground- or vegetation-disturbing construction related activities and continued to be present during restoration activities requiring vegetation removal during the 2024 second quarter reporting period. See Table 2 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2024 second quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (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, 6/21/24, 6/28/24	No construction ground-disturbing activities occurred during the second quarter of 2024. However, in preparation for construction activities scheduled to occur during the third quarter preconstruction surveys for sensitive wildlife species, including least Bell's vireo were initiated during the second quarter of 2024. Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024. The implementation of this measure will be

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					Initial	Date	Remarks
							completed during the third quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 3 2024).
<p>MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project. Prior to commencement of sediment removal activities within bird breeding season (March 1-August 31), a preconstruction bird nesting survey shall be conducted by a qualified biologist for the presence of any nesting bird within 300 feet of the construction work area. The surveys shall be conducted 30 days prior to the disturbance of suitable nesting habitat by a qualified biologist with experience in conducting nesting bird surveys. The surveys shall continue on a weekly basis with the last survey being conducted no more than three days prior to the initiation of clearance/construction work. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</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	Preconstruction nesting bird surveys began in June prior to Annual Sediment Removal Project activities scheduled to begin mid July 2024. During restoration monitoring and LBVI breeding surveys active bird nests within 500 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored restoration activities daily during the nesting season during the second quarter 2024 reporting period. The implementation of this measure will be completed during the third quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 3 2024).
<p>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2024 second quarter reporting

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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"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>							period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. 	Reservoir Management <ul style="list-style-type: none"> 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 <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2024 second quarter reporting period.

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<p>The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:</p> <ul style="list-style-type: none"> o Site-specific container plant (if applicable) and seed palettes, o Irrigation plan, o Nonnative and invasive plant species removal, o Maintenance and monitoring schedule, o Qualitative and quantitative monitoring methodologies, o Selection criteria of reference sites, o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. <ul style="list-style-type: none"> • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> o Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, o Add soil amendments if problem soils may be inhibiting plant growth, o Replant if plant survival is low or to increase plant species cover or diversity, o Install different plant species for plant species that are not surviving, and o Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city- protected trees that would be removed or potentially affected by the Proposed Project, native city-</p>	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of

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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.	<ul style="list-style-type: none"> 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 	<ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign-Off 					project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2024 second quarter reporting period.
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. Prepare and implement a site-specific Habitat Restoration Plan that will result in 	<p>Reservoir Management</p> <ul style="list-style-type: none"> 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 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2024 second quarter reporting period.

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Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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:</p> <ul style="list-style-type: none"> o Site-specific container plant and seed palettes, o Irrigation plan, o Nonnative and invasive plant species removal, o Maintenance and monitoring schedule, o Qualitative and quantitative monitoring methodologies, o Selection criteria of reference sites, o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. <ul style="list-style-type: none"> • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> o Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, o Add soil amendments if problem soils may be inhibiting plant growth, o Replant if plant survival is low or to increase plant species cover or diversity, o Install different plant species for plant species that are not surviving, and o Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. • Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a 							

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
Streambed Alteration Agreement until the mitigation sites have met the performance standards.							

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

Note: MM = Mitigation Measure

LIST OF APPENDICES

Appendix A – Least Bell’s Vireo Breeding Season Survey Reports

Appendix B - Habitat Restoration Monitoring Logs

Least Bell's Vireo Breeding Season Survey Reports

May 7, 2024
(2023-005.07/006)

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

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

Dear Mr. Hala,

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through April and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on

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

standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

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

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
4/2/24	LS	0648	1100	48	68	0	0	0-1	0-1
4/10/24	CM	0640	1050	56	66	10	10	1-3	1-3
4/18/24	SD	0640	1115	59	76	98	95	0-1	0-1
4/25/24	TD	0730	1100	57	63	100	100	0-3	0-2
4/30/24	SD	0630	1100	60	80	100	0	0-1	0-1

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

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

DISCUSSION

Five focused breeding season surveys for least Bell’s vireo conducted in April 2024 did not detect least Bell’s vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

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

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

DATE: May 7, 2024

Attachments:

Attachment A: Survey Datasheets

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

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 04/02/2024 11:25 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:48	48°F	0-1 MPH	0 %
End of Day	11:00	68 °F	0-1 MPH	0 %

Date Observed

April 2, 2024

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

LEGO, CAKI, AMCR, CANG, MODO, WCSP, BUSH, CASJ, SPTO, ACWO, SOSPO, CALT, BEWR, EUST, ANHU, parrot sp, CAQU, CATH, YRWA, WREN, KILL, RNDU, RUDU, BUFF, WEBL, TUVU, AMRO, NUWO, TOWA, OATI, NRWS, MALL, WTSW, CLSW, BGGN, ALHU, cottontail, western fence lizard, GREG, COYE, RTHA, western toad, CA ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 04/10/2024 3:55 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	56°F	1-3 MPH	10 %
End of Day	10:50	66 °F	1-3 MPH	10 %

Date Observed

April 10, 2024

Observer Name

Carla Marriner

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

ACWO MODO NOMO CALT NUWO SOSP SPTO AMPI YRWA AMCR HOFI BEWR ANHU BGGN BUSH
KILL MALL BHGB CAQU Amazonia sp. Cottontail NRSW DOWO LEGO OATI OSPR DEJU CASC ROHU ROPI
California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 04/18/2024 11:43 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	59°F	0-1 MPH	98 %
End of Day	11:15	76 °F	0-1 MPH	95 %

Date Observed

April 18, 2024

Observer Name

Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

NUWO AMCR CAKI SPTO NOMO MODO ANHU NRWS YBCH KILL WTSW RNDU CALT BGGN ACWO CANG
HOFI CASJ CAQU BHGR YRWA OATI YEWA CLSW AMGO BUSH WCSP WIWA ATFL BEWR COYE ALHU COHA
DEJU AMCO LEGO CATH RCPA HOWR MALL WEBL OCWA RTHA CITE NOFL RSHA BLPH EUST SAPH cotton
tail western toad California ground squirrel western fenced lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 04/25/2024 11:10 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	57°F	0-3 MPH	100 %
End of Day	11:00	63 °F	0-2 MPH	100 %

Date Observed

April 25, 2024

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Only detected within cowbird trap

Additional Notes

YBCH and YEWA observed and heard in survey area

Incidental Species Observed

MODO, SOSP, CATH, CAQU, SPTO, CASJ, NUWO, WREN, CALT, BEWR, BHGR, BUSH, desert cottontail, ACWO, RTHA, AMCR, BGGN, OCWA, RSHA, HOFI, YBCH, LEGO, COYE, ALHU, YEWA, WTSW, NRSW, MALL, KILL, BARS, CLSW, gull sp., CAGO, CORA, GTGR, VGSW, California ground squirrel, RUDU, AMWI, RNDU, WEFL (PSFL), Eastern fox squirrel, WWPE, ATFL

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 04/30/2024 5:25 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60°F	0-1 MPH	100 %
End of Day	11:00	80 °F	0-1 MPH	0 %

Date Observed

April 30, 2024

Observer Name

Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

2

Locations

11S 392113 3784166 11S 391514 3783492

Additional Notes

Incidental Species Observed

ANHU BGGN BUSH CATH ALHU YEWA SAPH WIWA NUWO HOWR COHA MALL RUDU ACWO MIDO SPTO CASJ NOMO WTSW WETA WEGR HOOR ATFL CAKI CAQU HOFI LEGO KILL WREN BHCO WEBL CANG CORA COYE CALT BHGR BEWR RCPA EUST NRWS WEFL CLSW OATI MOCH BUSH CATH ALHU YEWA SAPH WIWA NUWO HOWR COHA MALL RUDU ACWO MIDO SPTO CASJ NOMO WTSW WETA WEGR HOOR ATFL CAKI CAQU HOFI LEGO KILL WREN BHCO WEBL CANG CORA COYE CALT BHGR BEWR RCPA EUST NRWS WEFL CLSW OATI MOCH California ground squirrel Cotton tail Western toad Western fenced lizard Tiger whiptail Side-blotched lizard

June 5, 2024
(2023-005.07/006)

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

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

Dear Mr. Hala,

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through May and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on

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

standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

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

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
5/8/24	LS	0635	1109	65	70	100	0	0-3	1-3
5/15/24	SD	0700	1100	61	68	100	100	0-1	0-1
5/21/24	LS	0600	1100	55	62	100	100	0-1	0-3
5/28/24	SD	0645	1100	57	70	100	30	0-1	0-1

LS= Lauren Simpson, SD = Shelby Dunn

No least Bell’s vireos were detected during the May 2024 breeding season surveys. However, an individual was observed by a Designated Biologist monitoring onsite habitat restoration work. The date and details of the observation of least Bell’s vireo during onsite restoration work is described below. Three Brown-headed cowbird individuals were observed during the May 2024 breeding season surveys.

On May 6, 2024, a male least Bell’s vireo was incidentally documented by the ECORP restoration monitor. The vireo was observed foraging and singing within the onsite mitigation area. Work in the area was paused until a new work area was cleared. No additional observations of the individual were made after the initial morning observation. A CNDDDB submission for this observation is provided in Attachment B.

DISCUSSION

Four focused breeding season surveys for least Bell’s vireo were conducted in May 2024. While no observations of least Bell’s vireo were made during focused breeding season surveys, one least Bell’s vireo was detected on May 6, 2024 while restoration monitoring was taking place. During this observation, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15) and Designated Biologists will closely monitor the presence of vireos onsite for evidence of breeding.

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

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

SIGNED: 

DATE: June 5, 2024

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

Attachments:

Attachment A: Survey Datasheets

Attachment B: Least Bell's Vireo Observation CNDDDB Submittal

ATTACHMENT A

Survey Datasheets

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

Submitted By: lauren_simpson

Submitted Time: 05/08/2024 12:11 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	65°F	0-3 MPH	100 %
End of Day	11:09	70 °F	1-3 MPH	0 %

Date Observed

May 8, 2024

Observer Name

lauren_simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Added new PSFL, LEGO, and BUSH nests to the nest map

Incidental Species Observed

SPTO, HOFI, MODO, BUSH, YEWA, ACWO, CAQU, CASJ, CAKI, BEWR, NOMO, EUST, NUWO, SOSP, BHGR, CALT, LEGO, CANG, KILL, MALL, NRWS, SPSA, AMCO, ANHU, parrot sp, Cottontail, COYE, RSHA, fox squirrel, CLSW, WTSW, BARS, PSFL, WEBL, WETA, CA ground squirrel, ALHU, HETH, western fence lizard, side blotched lizard, BLPH, RTHA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 05/15/2024 1:17 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	61°F	0-1 MPH	100 %
End of Day	11:00	68 °F	0-1 MPH	100 %

Date Observed

May 15, 2024

Observer Name

Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

1

Locations

11S 391517 3783498

Additional Notes

Incidental Species Observed

MODO SPTO CATH CAKI CAQU SOSP HOFI CALT WTSW LEGO BEWR BHGR RCPA WEBL ACWO BUSH MALL
YEWA CASJ ANHU WREN BGGN COHA NUWO NOMO AMCR BLPH AMCO CLSW CANG RUDU NRWS COYE
BHCO HUVI RTHA Cotton tail California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 05/21/2024 11:09 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	55°F	0-1 MPH	100 %
End of Day	11:00	62 °F	0-3 MPH	100 %

Date Observed

May 21, 2024

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

CANG, SPTO, WTSW, BEWR, YEWA, ANHU, BUFF, MALL, cottontail, KILL, RTHA, CORA, LEGO, CASJ, NRWS, AMCO, SPSA, BARS, CLSW, HOFI, CALT, DEJU, SOSP, BUSH, PSFL, fox squirrel, NOMO, WREN, Parrot sp, BHGR, AMRO, MODO, CAKI, ACWO, CAQU, NUWO, TUVU, COYE, CATH, CA ground squirrel, BGGN, ATFL, OCWA, OATI, ALHU, RUDU, PBGR, COHA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 05/28/2024 1:17 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	57°F	0-1 MPH	100 %
End of Day	11:00	70 °F	0-1 MPH	30 %

Date Observed
May 28, 2024

Observer Name
Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Brown-Headed Cowbird Observations

Number of Individuals
2

Locations
11S 391519 3783490

Additional Notes

Incidental Species Observed
ACWO BGGN MODO CAKI BHGR BLPH CALT ALHU CLSW KILL CASJ AMCR SPTO HOFI BEWR NUWO SOSP
WAVI CORA RTHA CAQU COHA BUSH ANHU NRWS RCPA HOWR YEWA OATI BHCO LEGO CATH WEFL ATFL
WEKI NOMO WTSW MALL RUDU HUVI California ground squirrel Western toad Western fenced lizard

ATTACHMENT B

Least Bell's Vireo Observation CNDDDB Submittal

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

July 18, 2024
(2023-005.07/006)

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

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

Dear Mr. Hala,

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

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

Weekly focused least Bell's vireo surveys began on March 1, 2024 and continued through June and are summarized below.

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 for Project activities that are to occur during the vireo's breeding season (March 1 to September 15). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on

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

standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

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

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
06/04/24	TD	0600	1100	59	77	100	15	0-1	2-5
06/12/24	SD	0630	1100	62	70	100	30	0-1	0-1
06/19/24	CM	0635	1045	61	68	100	40	1-3	2-4
06/27/24	SD	0630	1100	63	70	0	0	0-1	0-2

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

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

DISCUSSION

Four focused breeding season surveys for least Bell’s vireo conducted in June 2024 did not detect least Bell’s vireo in or within 500-feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

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

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

DATE: July 18, 2024

Attachments:

Attachment A: Survey Datasheets

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

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 06/04/2024 11:15 AM

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

Date Observed

June 4, 2024

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

n/a

Additional Notes

Incidental Species Observed

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

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/12/2024 10:40 PM

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

Date Observed

June 12, 2024

Observer Name

Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

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

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

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

Date Observed

June 19, 2024

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

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

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 06/27/2024 1:56 PM

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

Date Observed

June 27, 2024

Observer Name

Shelby Dunn

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Brown-Headed Cowbird Observations

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

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

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	43 °F	0-3 MPH	0 %
End of Day	13:48	64 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration (Weeding)
2. Hoes, Shovels
3. Genaro (foreman), five crew members

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western honey bee, Western toad, Common side-blotched lizard, Western fence lizard, WCSP, SOSP, CATH, EUST, CAQU, AMRO, CAKI, CALT, SPTO, CEWA, BGGN, CORA, KILL, CASJ, ACWO, BEWR, CANG, Rooster, Amazonia sp., ANHU, Hirundidae sp., EUCO, ACWO, BRBL, HOFI, BUSH, LEGO, MODO, YRWA, RSHA, HOOR, RCKI, BLPH, AMCR, NOFL, WTSW, COHA, RTHA, Desert cottontail, Domestic dog, Domestic horse, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Arrived on site. Went to scout out DG-4 in the northern section. No new nests were found.
0730- Crew started working in DG-4.
0820- Crew stopped for a break.
0907- Crew started work again in DG-4.
1041- Crew stopped for lunch.
1240- Crew resumed work in DG-4.
1341- Crew is finished for the day.

Additional Comments

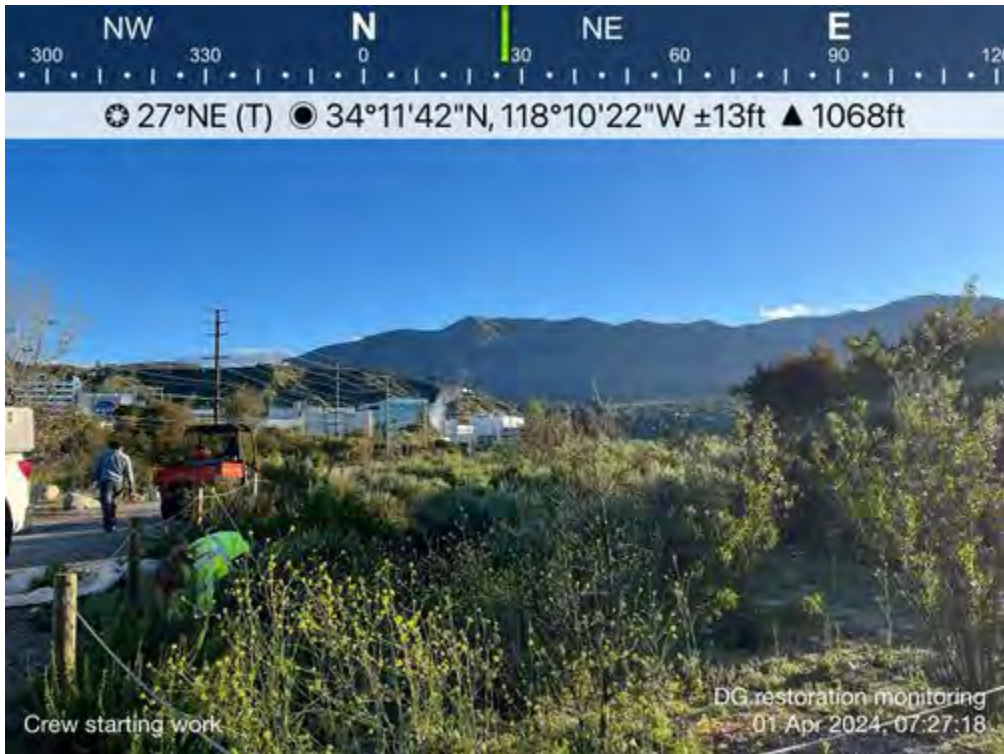
N/A

Signature





DG-4_prior_to_work.jpg



Crew_starting_work_DG-4.jpg



Crew_working_in_DG-4.jpg



Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	15:00	64 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: European starling, Acorn woodpecker, American crow, Canada goose, Northern mockingbird, Song sparrow, Black-headed grosbeak, California towhee, Yellow-rumped warbler, Bushtit, White-crowned sparrow, Bewick's wren, California quail, Red-crowned parrot, Blue-grey gnatcatcher, Allen's hummingbird, Common raven, Northern flicker, California thrasher, California scrub jay, Spotted towhee, House finch, Lesser goldfinch, Wren, Ring-necked duck, Killdeer, Bufflehead, Anna's hummingbird, Northern rough-winged swallow, Ruddy duck, Red-tailed hawk, Nuttall's woodpecker, Red-shouldered hawk, Cooper's hawk, House wren, Common yellowthroat, Wilson's warbler
Mammals: Audubon's cottontail, Beechey ground squirrel, Pocket gopher
Herps: Western fence lizard, Side-blotched lizard, Coastal whiptail, Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.
0730: Biologist performed nest scan for DG-2 and Johnson Field.
1000: Checked in on SOSP_03.
1200: Crew broke for lunch.

Additional Comments

DPW arrived midday to set up cones and caution tape around the erosion on the S end of DG-2. Spoke with the crew lead from Natures Image regarding the possibility of helping on the other side in the near future

Signature





Crew_weeding_North_end_DG2.jpg
-118.17157669444445 34.1924875



DPW_markings_surrounding_erosion.jpg
-118.17294089722223 34.1883468527778

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	47 °F	0-3 MPH	0 %
End of Day	14:07	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration (weeding)
2. Hoes and Shovels
3. Genero (foreman), nine crew members, Raul (project manager for nature's image)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Swallowtail sp., Western honey bee, Wolf spider sp., Cabbage white, Carpenter bee, Bombus sp., Western toad, CALT, CASJ, ACWO, RCKI, CANG, SPTO, AMCR, AMRO, NUWO, LEGO, SOSP, BUSH, BGGN, YRWA, KILL, OATI, Amazonia sp., GREG, EUCO, ANHU, WTSW, CATH, BEWR, MALL, CAQU, CAKI, MODO, CORA, Rooster, YRWA, TUVU, HOFI, BCHU, Indian peafowl, TRSW, RSHA, RTHA Domestic dog, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Arrived on site. Went to go check on DG-04 near the trail where the crew plans on working today.

0720- Crew started work in DG-4 by the trail.

0830- Crew stopped for a break.

0915- Crew resumed work after break.

1045- Crew stopped for lunch.

1215- Crew resumed work in DG-4. They are still working by the trail.

1326- Crew stopped for a break.

1407- Crew finished for the day.

Additional Comments

N/A

Signature





Area_prior_to_work_starting.jpg



Area_prior_to_work_starting.jpg



Crew_working.jpg



Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	20 %
End of Day	15:00	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG.

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail, Pocket Gopher

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

Additional Comments

Photo 1: invasive_species_removal_DG-2_facingE

Signature





invasive_species_removal_DG-2_facingEast.jpg



Invasive_species_removal_DG-_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:00	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed vegetation clearing.
2. Hand tools.
3. Six Nature's Image, Genero (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, SOSP, CALT, AMCR, ACWO, LEGO, SPTO, BUSH, CASJ, Amazonia sp., CANG, NOMO, MALL, MODO, CAQU, YRWA, YEWA, DOWO, KILL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew began to arrive. Genero took me to where they are working in DG-4A, and I scanned for active nests and other bio resources. The area is an isolated shape of DG-4A within DG-4 near the intersection of Berkshire Place and Oak Grove Drive.

0650: Crew was cleared to start work.

0705: Crew arrived and began work.

0730: Genero took me to the next location they will likely move to today. It is an isolated patch of DG-4A in the northern portion of the mitigation area.

0750: Finished clearing new area and headed back to crew

0820: Crew left for first break.

0900: Crew on their way back from break. Spoke to Genero and he said a truck is blocking their way and they are looking for a way around.

0925: One of the crew members was feeling sick and left for the day. Some of the crew took the first load of tarps to dump.

0945: The crew that took the first load returned and another crew member took the second load with the Kubota.

0950: Crew moved to next weeding area to the north.

1000: Mapped bushtit nest found with adults going to it with nesting material. Tube well formed. I moved the crew out of the buffer and put up some flagging.

1040: Crew broke for lunch.

1210: Crew returned from lunch.

1340: Crew cleaned up for the day.

Additional Comments

N/A

Signature

Daniel Jacques



first_area_before_facingNortheast.jpg
-118.1772567888889 34.1889517222222



first_area_after_facingNortheast.jpg
-118.1772766111111 34.189107380555555



second_area_before_facingSoutheast.jpg
-118.1724365888889 34.19363383333333



second_area_after_facingSoutheast.jpg
-118.1724510388889 34.19362305555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	75 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Bushtit, Song sparrow, Mallard, European starling, Common raven, Acorn woodpecker, Yellow-rumped warbler, Canada goose, House wren, California towhee, California scrub jay, Anna's hummingbird, Killdeer, Allen's hummingbird, Cassin's kingbird, Bewick's wren, Western bluebird, California quail, Red-crowned parrot, Blue-grey gnatcatcher, Great egret, White-crowned sparrow, Ring-necked duck, Bufflehead, Ruddy duck, California thrasher, Cooper's hawk, Northern flicker, Nuttall's woodpecker, Lesser goldfinch, Oak titmouse, Mourning dove, House finch, Northern rough-winged swallow

Mammals: Audubon's cottontail, Beechey ground squirrel, Pocket gopher

Herps: Western fence lizard, Side-blotched lizard, Alligator lizard, Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0730: Biologist monitored bin to assess potential Bewick's wren nesting issue.

0900: Crew broke for break.

1200: Crew broke for lunch.

1330: Crew notified biologist of a bushtit (BUSH) nest (BUSH 11) in one of the oaks near where the vehicles are parked.

Additional Comments

Signature





Weed_contents_removed_from_DG2.jpg
-118.1726242222223 34.190374461111105



BUSH_11.jpg
-118.17214821111112 34.18961639722222



Subadult_Western_Toad.jpg

-118.17107070833333 34.19185887777776

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	15:00	58 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, BUFF, RUDU

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG-2_facingW Photo 2: invasive_removal_DG-2_facingN

Signature





invasive_removal_DG-2_facingWest.jpg



invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:35	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed removal maintenance.
2. Hand tools.
3. Seven Nature's image, Genero (G; foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, CAQU, AMCR, BUSH, BEWR, CASJ, CANG, Amazonia sp., Yellow rumped warbler, Spotted towhee, House finch, Allen's hummingbird, ANHU, Common yellowthroat, Northern rough-winged swallow, CALT, American goldfinch, Red-tailed hawk, LEGO, Western blue bird, American robin.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Crew started arriving.
0640: G took me to the work area where they ended yesterday to sweep. The area is a section of DG-4A at the north end.
0705: Area was cleared and crew is on the way.
0710: Crew arrived and began work.
0718: Rest of the crew joined and began work.
0800: Crew began bringing out tarps of weeds periodically.
0820: Spoke to frisbee golfer about lost disc.
0840: Crew left for first break.
0905: Crew returned from first break.
0950: Crew finishing up slopes and some moving to the top of the mound. G took the full truck to dump the first load of tarps.
1000: G returned with the empty truck.
1100: Crew broke for lunch.
1130: Crew returned from lunch, headed back to the work area, and resumed work
1255: G took truck with next load to dump.
1305: G returned with the empty truck.
1325: Crew broke for final break.
1340: Crew returned from final break. They resumed weeding before the final cleanup.
1425: Crew stopped for the day and did final cleanup.
1435: Crew finished for the day and left site.

Additional Comments

N/A

Signature

Daniel J. Jones



side_before_facingSoutheast.jpg
-118.17242344444445 34.19359897222222



side_after_facingSoutheast.jpg
-118.17245051111112 34.19363035



top_before_facingSouth.jpg
-118.1722891 34.19351924999994



top_after_facingSouth.jpg
-118.17230644444444 34.193528666666666

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	39 °F	0-3 MPH	100 %
End of Day	14:01	47 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CANG, MALL, CORA, AMCR, HOWR, BEWR, SPTO, CALT, RCKI, OATI, NUWO, RCPA, YRWA, KILL, ALHU, ACWO, BLPH, CASJ, NRWS, BUSH, SOSP, CAQU, EUST, CATH, DOWO, ECDO, BGGN, ANHU, HOFI, HOOR, EAGR, RUDU, RNDU, BUFF, AMCO, COHA, YEWA, LEGO, LISP, WCSP, MODO, AMRO, COYE, BARS, VGSW, TUVU, CAKI, OCWA, NOMO, NOFL

Amphibians: Western toad

Reptiles: N/A

Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrived on site. Work today will consist of weed removals at the far north end of the site by the western border along DG-2.

0900: Crew takes 15-minute break.

0915: Crew continues weed removal along trail by DG-2, working north.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal work throughout DG-2 slope and to the north for the remainder of the workday.

1400: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weeding_DG-2_west_slope_facingNorthwest.jpg
-118.17143595277778 34.19241054444444



Weed_removal_DG-2_facingWest.jpg
-118.17142859444445 34.19275745555555



ANHU_nest_east_trail_facingSouth.JPG
-118.17145555555555 34.19038333333333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	15 %
End of Day	15:00	74 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, RUDU

Reptiles: Western fence lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-2 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

Additional Comments

Photos: Invasive_removal_DG-2_facingNE Invasive_removal_DG-2_facingN

Signature





Invasive_removal_DG-2_facingNortheast.jpg



Invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	41 °F	0-3 MPH	0 %
End of Day	14:40	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal in Restoration areas.
2. Hand tools.
3. Eight Nature's Image, Genero (G, foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, American crow, Amazonia sp., CAQU, CALT, Spotted towhee, MODO, BEWR, ANHU, House finch, Black-headed grosbeak, CANG, CASJ, BUSH, Woodpecker sp., LEGO, Mallard, American robin, Red-tailed hawk, Ash-throated flycatcher, Yellow rumped warbler, Killdeer, Northern rough-winged swallow, Allen's hummingbird.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0600: Some of the crew arrived.
0620: The rest of the crew started arriving.
0627: Crew with panel truck arrived.
0630: G warmed up the truck to take me to the site they worked in last Thursday in DG-4A.
0645: Arrived at work site after ice on windshield melted and began sweep of area.
0705: Crew arrived at worksite and began weeding.
0900: Crew left for first break.
0912: Come crew started returning to site from first break.
0920: Crew all back from break and resumed work.
0950: Some crew took first load of tarps.
1005: Crew returned from taking first load of tarps.
1015: Some crew began taking more full tarps to the truck.
1050: Crew began to break for lunch and took Kubota with second load of full tarps.
1125: Crew returned from lunch and went to work site.
1140: Crew began weeding while some unloaded the Kubota.
1230: Some crew left with 3rd load of full tarps.
1243: Crew returned from emptying tarps.
1335: Crew broke for second break.
1350: Crew finished second break. Some crew took the truck to unload next load of full tarps.
1355: Crew from Perris left for the day.
1420: Remaining crew began wrapping up for the day.
1440: All crew has left for the day.

Additional Comments

N/A

Signature

Daniel Jones



area1_before_facingNorthwest.jpg

-118.17231871111112 34.19322691666666



area1_after_facingNorthwest.jpg

-118.17234363055556 34.193257538888886



area2_before_facingWest.jpg
-118.17238480555557 34.193200472222216



area2_after_facingWest.jpg
-118.1723825 34.19324856944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	14:34	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement.
2. Hand tools (shovels, hoes, etc.).
3. Nature's Image, crew lead Genaro.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Green parrot sp., CAQU, ACWO, AMCR, SOSP, KILL, BUSH, ANHU, NUWO, HOFI, CANG, CASJ, MODO, CALT, LEGO, SPTO, BEWR, BGGN, COYE, RTHA, California king snake (carcass), Side-blotch lizard, Western fence lizard, alligator lizard, Desert cottontail, California ground squirrel, Western honeybee, Bombus sp., Monarch, Swallowtail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Gave WEAP training to new crew member, Christian.

0650: Began sweep of work area (northern most portion of DG-4A) prior to work commencing.

0705: DG-4A cleared for work and Natures Image crew began weed abatement activities.

- The crew removes non-native weed species such as *Conium maculatum* and *Hirschfeldia incana* using hand tools and carries them off the site in tarps while leaving native species intact.

1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.

1435: Depart site.

Additional Comments

N/A

Signature





DG4A_before_facingWest.jpg
-118.17256263888889 34.19329175



DG4A_During_facingWest.jpg
-118.17257166666667 34.19331666666666



DG4A_After_facingWest.jpg

-118.17257196111112 34.193308249999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	7-9 MPH	0 %
End of Day	15:00	78 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within the midsection of DG-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: House wren, Song sparrow, Acorn woodpecker, Canada goose, European starling, Northern rough-winged swallow, Killdeer, Anna's hummingbird, Black-headed grosbeak, California scrub jay, American crow, Bewick's wren, Wrentit, Red-crowned parrot, White-crowned sparrow, Yellow-rumped warbler, Band-tailed pigeon, California thrasher, Red-whiskered bulbul, California quail, Cooper's hawk, Allen's hummingbird, Blue-grey gnatcatcher, California towhee, Spotted towhee, Ruby-crowned kinglet, Western bluebird, Turkey vulture, Bushtit, Lesser goldfinch, Mallard, Oak titmouse, Nuttall's woodpecker, Mourning dove, Red-shouldered hawk
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Western fence lizard, Side-blotched lizard, Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.
0900: Crew broke for break.
1145: Crew broke for lunch.
All day - Surveyed throughout DG-2.

Additional Comments

Some nest flagging along the dirt road appears to have been taken down by an unknown party. Flagging to be replaced where necessary and monitored to ensure no further removal occurs.

Signature





Crew_weeding_DG2.jpg

-118.17243763055556 34.18972123333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	52 °F	0-3 MPH	0 %
End of Day	15:02	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CATH, KILL, BEWR, SPTO, CALT, RCPA, YRWA, SOSP, ALHU, CASJ, BHGR, BGGN, COHA, ANHU, RCKI, AMCR, OCWA, CANG, RNDU, MALL, RUDU, WTSW, NRWS, WCSP, EAGR, COYE, LEGO, AGOL, HOWR, ACWO, EUST, HOFI, CORA, WREN, CAQU, NUWO, MODO, CLSW, BLPH, AMCO, NOMO, AMRO, YEWA, NOFL, OATI, DEJU, WEFL, WIWA, WEBL

Amphibians: N/A

Reptiles: Western fence lizard

Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Work today will consist of weed removals along the west slope adjacent to DG-2 and the floodplain, beginning work near the southern slope failure and working north.

0900: Crew takes a 15-minute break.

0915: Crew continues weed removal by south end of site, west slope of DG-2.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal work throughout DG-2 slope and to the north for the remainder of the workday.

1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





COHA_nest_building_facingSouth.jpg
-118.17172481944445 34.19003249166666



Weed_removal_west_DG-2_slope_facingNorth.jpg
-118.17316290277778 34.18817391666666



Weed_removal_DG-2_facingSouth.jpg
-118.17250856944445 34.18840244444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	56 °F	0-3 MPH	0 %
End of Day	14:31	81 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration (Weeding).
2. Hoes and Shovels.
3. Genero (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western honeybee, Carpenter bee, Cabbage white, Monarch, Southern pacific rattlesnake, Western fence lizard, Western toad KILL, CASJ, CALT, SPTO, CAQU, ACWO, SOS, BUSH, CEWA, CATH, BEWR, Rooster, CORA, Amazonia sp., MODO, HOFI, AMRO, BHGR, ALHU, WREN, BGGN, ANHU, YRWA, CANG, EUCCO, LEGO, NUWO, AMCR, RTHA, RSHA, OATI, WTSW, EUST, RCKI, HOOR Woodrat, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Arrived on site.
0707- Finished conducting nesting bird survey prior to crew working in DG-4A.
0715- Crew started work in DG-4A.
0850- Crew stopped for a break.
0917- Crew resumed work after break.
1055- Crew stopped for lunch.
1130- Crew resumed work after lunch in DG-4A.
1258- Crew is still working in DG-4A.
1325- Crew stopped for a break.
1350- Crew resumed work in DG-4A.
1430- Crew finished for the day.

Additional Comments

N/A

Signature





Area_prior_to_work_starting.jpg



Crew_starting_work.jpg



Crew_working.jpg



Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: April 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	56 °F	0-3 MPH	0 %
End of Day	14:31	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants, irrigation.
2. Hand tools.
3. Nature's Image crew of eight.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CASJ, RCPA, SPTO, BUSH, SOSP, BEWR, KILL, CATH, CAQU, WCSP, ANHU, AMCR, MODO, Common side-blotched lizard, Western fence lizard, Tiger swallowtail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Checked in with Genaro. Linda showed me where they're working today: 34.193053°N 118.172701°W - DG-4, DG-4A, DG-4 WOUS. Started nesting bird survey.

0705: No nesting behavior observed in work area. Told crew they could start working.

0715: Crew arrived in work area and started weeding. Monitored wildlife activity.

0900-0915: Crew's morning break.

1100-1130: Lunch break.

1215: Updated NUWO-01 nest point, no longer active, branch of tree fell, exposing cavity.

1415: Crew finished weeding, started cleanup. Took end of day photo, checked out with project manager and monitor for tomorrow, walked back to car.

1430: Left site.

Additional Comments

N/A

Signature





20240411_work_area_facingSouthwest.jpg
-118.1730309277779 34.1929479



20240411_work_area_after_facingSouthwest.jpg
-118.17297879722223 34.1930005277778



20240411_work_area_lunch_facingEast.jpg
-118.17312394444446 34.19266411111111



20240411_work_area_end_of_day_facingEast.jpg
-118.17307243055556 34.19267302777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	15:00	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within the midsection of DG-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: House Wren, European Starling, Red-crowned Parrot, Oak Titmouse, American Crow, Killdeer, Song Sparrow, California Quail, Blue-grey Gnatcatcher, Canada Goose, Bushtit, Mallard, Yellow-rumped Warbler, California Thrasher, Spotted Towhee, California Towhee, Bewick's Wren, Northern Rough-winged Swallow, Common Yellowthroat, Cooper's Hawk, Common Raven, Ring-necked Duck, Ruddy Duck, Anna's Hummingbird, Allen's Hummingbird, Yellow Warbler, Ruby-crowned Kinglet, Lesser Goldfinch, California Scrub Jay, Orange-crowned Warbler, Red-shouldered Hawk, Black-headed Grosbeak, Acorn Woodpecker, Nuttall's Woodpecker, White-throated Swift, Bufflehead

Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel

Herps: Western Fence Lizard, Side-blotched Lizard, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0830: Found freshly dug Coyote burrow along the slope.

0900: Heard a yellow warbler calling from within DG-2, precise location/visual unable to be attained.

0905: Second YEWA observed in the oaks growing along the upper slopes.

0915: Discovered ANHU_03, in incubating stage.

0930: Crew broke for break.

1200: Crew broke for lunch.

1300: Biologist walked up to the retention ponds.

All day - surveyed throughout DG-2 and Johnson Field.

Additional Comments

Trash/vegetation bin was replaced midway through the day

Signature





Coyote_burrow_along_slope.jpg
-118.17276644444445 34.189155622222216



ANHU_03.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:00	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: AMCR, RCPA, KILL, BEWR, ANHU, ALHU, CALT, CASJ, SPTO, NRWS, CANG, BHGR, SOSPO, MODO, CORA, HOFI, CAQU, LEGO, COHA, YRWA, RCKI, RTHA, WREN, BGGN, HOWR, YEWA, BUSH, BLGR, ACWO, EUST, GBHE, OCWA, WTSW, CATH, AGOL, COYE, BARS, SPSA, MALL, AMCO, RNDU, RUDU, PBGR, CLSW, DEJU, BTPI, WCSP, NUWO, BHCO, OATI, RSHA, LISP, BLPH, WEFL, CAKI, BUFF, WFIB, LESA, VGSW

Amphibians: Western toad

Reptiles: Western fence lizard

Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Work today will consist of weed removals along the west slope adjacent to DG-2 and the floodplain, beginning work near the staging yard and working eastward into Johnson Field.

0900: Crew takes 15-minute break.

0915: Crew continues weed removal by north end of site, west slope of DG-2 and into Johnson Field. Focuses heavily on nonnative grass and scarlet pimpernel removal.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal between DG-2 west slope and Johnson Field for the remainder of the day.

1400: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weed_removal_area_DG-2_facingNorth.jpg
-118.17189275 34.1922310277777



Weed_removal_JohnsonField_facingSoutheast.jpg
-118.1719324250001 34.19162075



Weed_disposal_facingNortheast.jpg
-118.17163107500001 34.1921814027778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	51 °F	0-3 MPH	100 %
End of Day	14:15	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing
2. Handtools
3. Genaro Vargas (foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, COHA, BEWR, SPTO, SOSPO, AMRO, CASJ, CAQU, BUSH, HOWR, RCPA, CANG, MALL, ANHU, CATH, Western toad, BGGN, WCSP, RSHA, NUWO, TUVU, Cotten tail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0600: Arrived onsite.

0619: G. Vargas arrives onsite.

0630: G. Vargas takes me to work area (DG-4)/ 34.192670 N, 118.172982 W. I started clearing area.

0650: I inform G. Vargas that the work area is cleared.

0702: Crew arrives to work area and starts removing vegetation (ie. Black mustard, stinging nettle).

0733: G. Vargas informs me of a meeting happening Monday with public works.

0758: Relocate two western toads.

0900-0915: Crew takes break.

1005: Relocate western toad.

1100-1135: Crew takes lunch.

1238: Relocated western toad.

1320-1335: Crew takes break.

1425: Crew wraps up for the day.

1435: Left site.

Additional Comments

N/A

Signature





Work_Area_before_facingSouth.JPG
-118.17302500000001 34.192536111111111



Work_Area_during_facingSouth.JPG
-118.17299166666668 34.192627777777777



Work_Area_after_facingSoutheast.JPG
-118.17306111111111 34.19259722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	48 °F	0-3 MPH	25 %
End of Day	14:55	65 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SPTO, HOWR, CALT, COHA, CANG, LEGO, YRWA, BHGR, AMCR, BEWR, NUWO, ACWO, CASJ, YBCH, BGGN, ATFL, WEFL, SOSP, CAQU, YRWA, ALHU, CATH, DEJU, RCPA, ANHU, WREN, CORA, TUVU, RNDU, PBGR, COYE, KILL, NRWS, WEBL, EUST, RCKI, WIWA, HOFI, GREG, RSHA, WCSP, MALL, WTSW, CLSW, MODO, BUFF, OCWA, BLPH, AMRO, HUVI, BTPI, WETA, LISP, CAKI

Amphibians: Western toad

Reptiles: Western fence lizard

Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Work today will consist of weed removals along the east perimeter trail by the northeast corner of Johnson Field and working southward along the main trail. The crew will shift to working northward along the west trail by DG-8 and DG-1 later in the day.

0900: ICF staff (Dick Rol and myself) as well as representatives from LA County, Nature's Image, and ECORP met at the west staging area (Nature's Image) to discuss future work plans for Gothic Landscaping on the west half of the basin.

1030: Walked the east half of the site with Gothic and Dick Rol to examine work done so far.

1200: Gothic crew takes lunch break after beginning work towards the north along DG-8/DG-1.

1230: Resumes weed removal along road by DG-8/DG-1.

1455: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weed_removal_Northeast_Corner_JohnsonField_facingEast.jpg
-118.17122794444445 34.192015194444444



House_wren_nest_cavity_facingWest.jpg
-118.17103040833334 34.19108380555555



DG-8_weed_removal_facingNorth.jpg
-118.1714143777778 34.1928456222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Josh Harris
Company: ECORP
Date of Log: April 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	42 °F	0-3 MPH	90 %
End of Day	14:29	62 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Nonnative removal within far northeastern section of DG-4 near disc golf area.
2. Hand tools (hula hoes and shovels).
3. Natures Image crew of nine including Genaro Gomez (foreman) and Raul Fernandez (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CANG, BEWR, NUWO, ACWO, CALT, LEGO, BUSH, CATH, OCWA, CAQU, WEBL, BGGN, CASJ, HOFI, CAKI, SPTO, AGOL, ATFL, EUST, GREG, COHA, SOSP, MODO, MALL, SOSP

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Arrived at site.

0638: Genaro Gomez (Natures Image; foreman) leads me to the far northeast of DG-4 where the crew would be working. Crew will not be working on phase 3 areas due to worries about inundation.

0654: Let Genaro know the crew was cleared to work in DG-4.

0706: Crew members began working in DG-4.

0706-0749: Continued sweep ahead for nests within DG-4 moving southwest.

0749: Checked back in on crew removing nonnatives.

0825: Mitch Parr (Natures Image; Operation Manager) arrives to talk with Genaro and Junior prior to meeting with ECORP, Natures Image, ICF, Gothic and Los Angeles County Public Works (LACPW).

0854: Crew is taking a 15-minute break.

0900-0957: Attended meeting between ECORP, Natures Image, ICF, Gothic and LACPW. Meeting was held to finalize Gothic assisting Natures Image with weeding on the west side.

0957-1050: Conducted a sweep for nesting birds in DG-4A and DG-4 WOUS. Crew will be resuming work in these areas after today.

1050: Crew takes lunch.

1135: Crew returns from lunch.

1135-1252: Continued sweep for nesting birds in DG-4A and DG-4 WOUS. Discovered a new bushtit (BUSH) nest, BUSH-13. One individual observed bringing nesting material to nest 5 feet up in *Sambucus* planting. Removed flagging around inactive Nuttall's woodpecker (NUWO) nest, NUWO-01.

1252-1321: Continued to monitor crew removing nonnatives in DG-4.

1322: Crew takes break.

1344: Crew arrives back from break.


1402: Crew wrapping up for the day.

1427: Crew leaving site.

Additional Comments

N/A

Signature

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

Natures_Image_weeding_DG-4.jpg



Nonnatives_removed_by_crew.jpg



BUSH-13_nest_located.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: April 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	46 °F	0-3 MPH	0 %
End of Day	14:40	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed clearing.
2. Hand tools.
3. Seven Nature's Image, including Genero (G, foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, Western bluebird, Spotted towhee, CASJ, Amazonia sp., CANG, CORA, Black-headed Grosbeak, BEWR, SOSP, BUSH, MODO, Ash-throated Flycatcher, House finch, CAQU, ANHU, Acorn Woodpecker.

Did You Observe any Non-Compliance Issues? Yes No

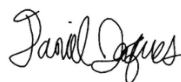
Log Entry

0620: G and crew started arriving.
0638: G walked me over to the work area northeast of the parking in DG-4.
0645: Started clearing the area. No activity at bushtit (BUSH)-13 yet.
0658: Area cleared for crew.
0710: Crew arrived and started working.
0745: Observing bushtit (BUSH) activity at BUSH-13. BUSH in area and seen flying toward nest location.
0848: Crew broke for first break.
0915: Crew returned from first break.
0925: Some crew started taking loads of full tarps to dumpster on Kubota.
1024: Crew paused taking full tarps. Will continue periodically throughout the day.
1050: Crew broke for lunch and began walking to the cars.
1145: Crew finished lunch and began walking back to today's work site.
1205: Some crew left with the first round of full tarps after lunch.
1320: Crew broke for second break.
1345: Crew returned from second break.
1440: Crew and I have left site.

Additional Comments

N/A

Signature





area_1_before_facingWest.jpg
-118.17314194444445 34.19250277777776



area_1_after_facingWest.jpg
-118.17312583333334 34.19251083333333



area_2_before_FacingSouth.jpg
-118.1734877777778 34.1925047222222



area_2_after_facingSouth-southwest.jpg
-118.17350583333334 34.19253888888888

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:43	79 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (2), hoes (9)
3. Gothic Landscape crew of nine with Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, AMCR, KILL, CANG, RCPA, MALL, BHGR, LEGO, PHAI, CASJ, YRWA, CAQU, HOFI, ANHU, SOSP, HOWR, SPTO, CORA, COHA, BARS, AMRO, EUST, BUSH, NRWS, WCSP, WIWA, BEWR, ACWO, RTHA, ALHU, BTPI, BLPH, WTSW, NOMO, MODO

Mammals: Mouse, California ground squirrel

Reptiles: Alligator lizard, Western fence lizard, Side-blotched lizard

Invertebrates: Anise swallowtail, California bumblebee, Dragonfly, European honey bee

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Crew heads to DG-8 for non-native vegetation removal moving North. Biologist monitors current work area and the area crew is headed for any wildlife activity.

0745: Crew now in DG-1. Biologist monitors oaktree for potential California scrub jay (CASJ) nest.

0823: CASJ seen with nesting material coming from oak tree. Biologist informs crew lead to avoid the area.

0900: Crew takes break.

0915: Crew returns to work.

0945: Biologist deters Bewick's wren from placing nest material under dumpster for bird's safety.

1000: Red-tailed hawk eating mouse on top of tree.

1045: Potential CASJ nest spotted and noted in Field Map.

1200: Crew takes lunch.

1230: Crew returns to work in DG-1.

1430: Crew heads back to dumpster to dump the removed vegetation. Mainly consisting of non-native grasses.

1443: Seven ducklings in retaining pond.

Additional Comments

N/A

Signature





DG8_pre_vegetation_removal_facingSouth.jpg
-118.1709434388889 34.19370558333333



DG8_post_vegetation_removal_facingSouth.jpg
-118.1708882777778 34.19376666666666



DG1_pre_vegetation_removal_facingNorth.jpg
-118.17036973055556 34.19408996111111



DG1_post_vegetation_removal_facingNorth.jpg
-118.17041411944444 34.19405953888889

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	20 %
End of Day	15:00	75 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red Crowned Parrot, GREG, TOWA, RUDU

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-1.

1200: Crew breaks for lunch.

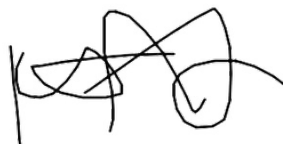
1230: Crew continues invasive species removal in DG-1.

1500: Crew stops work for the day.

Additional Comments

Photo 1: Invasive_removal_DG-1_facingNW

Signature





Invasive_removal_DG-1_facingNorthwest.jpg



Invasive_removal_DG-1_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carla Marriner
Company: ECORP
Date of Log: April 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	53 °F	0-3 MPH	20 %
End of Day	14:30	78 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weed removal by hand. Target species today: tree tobacco, poison hemlock and mustard. Natures Image, crew of six plus two checking irrigation system in different areas.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, AMRO, NUWO, CORA, BHGR, CALT, RTHA, CASJ, ANHU, LEGO, MODO, NOMO, ALHU, ROWR, CAQU, WREN, SPTO, YRWA, DEJU, BUSH, Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Arrived onsite.

0635: Met with Genaro to discuss maintenance activities for the day.

0645: Started surveying and checking areas for nesting activity prior to maintenance activities - checked bushit nest adjacent to work area.

0710-1100: Monitored maintenance activities; weed removal is conducted by hand.

1100: Lunch break.

1145-1430: Continued monitoring weed removal; crew removed all the bags with nonnatives species from the site.

End of the day.

Additional Comments

N/A

Signature





photo_1-crew-conducting-weed-removal.jpg
-118.1735922222223 34.19225063888886



photo_2-view-of-restoration-area-after-weeding.jpg
-118.17355078888889 34.1924502222222



photo_3-handtools-weed-removal.jpg
-118.1736097500001 34.192259038888885



photo_4-piles-of-weed-to-be-removed-from-the-site.jpg
-118.1736505555555 34.1920968222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	15:00	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, TOWA, RUDU
Reptiles: Western fence lizard, Side-blotch lizard
Mammals: California ground squirrel, Desert cottontail, Coyote
Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-1.

1200: Crew breaks for lunch.

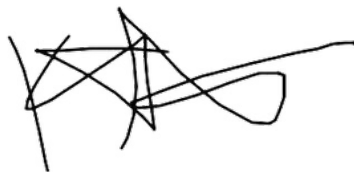
1230: Crew continues invasive species removal in DG-1.

1500: Crew stops work for the day.

Additional Comments

Photo 1: Invasive_removal_DG-1_facingN

Signature





Invasive_removal_DG-1_facingNorth.jpg



Invasive_removal_DG-1_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	53 °F	0-3 MPH	70 %
End of Day	14:35	73 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing
2. Handtools
3. Natures Image (six man crew), Genaro Vargas Foreman.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, BEWK, MALL, RCPA, SPTO, SOSP, AMRO, CAQU, BGGN, NOMO, CANG, CASJ, KILL, Western toad, side blotched lizard, Western fence lizard, NUWO, California ground squirell, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0610: Arrive onsite.

0630: Genaro Vargas takes me to work area (DG-4 WOUS, approximately 34.191984 N, 118.173667 W). Started clearing area.

0650: Area cleared.

0700: Crew arrived and started vegetation clearing.

0840: Observed CASJ pair building nest (CASJ-05 in field maps).

0848: Crew breaks.

0915: Crew returns from break.

0940: Relocate two western toads.

0955: Crew breaks for lunch.

1135: Crew back from lunch.

1145: East side crew pass by on the way to mining pit. Notifies us that they will be here in two weeks to help with the area.

1321: Crew breaks.

1340: Crew back from break.

1416: Crew starts cleaning area for the day.

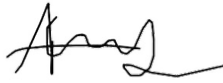
1425: Back at staging area.

1435: Left site.

Additional Comments

N/A

Signature



Work_area_facingWest.JPG

-118.1736805555556 34.192138888888884



Work_area_during_facingSouth.JPG
-118.17369444444445 34.19193055555555



Work_area_after_facingSoutheast.JPG
-118.17401666666667 34.19211944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:00	71 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, TOWA, RUDU, YEWA, BHGR, YBCH

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew finishes work in DG-1 and continues invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1400: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG-1_facingNW

Signature





Photo 1: invasive_removal_DG-1_facingNorthwest



Invasive_removal_DG-2_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Taylor
Company: ECORP
Date of Log: April 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:30	68 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hand tools (rake, shovel), pulling by hand.
3. Nature's Image - six on vegetation, two working on irrigation.

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CASJ, CAQU, ACWO, HOFI, WREN, NOMO, CANG, parrot, ANHU, SOSPO, SPTO, BUSH, YBCH, BHGR, BEWR, CAKI, CORA, MODO, NUWO, LEGO, MALL, RTHA, RSHA, cottontail, CATH, GREG, BGGN, WCSP, California ground squirrel, Western fence lizard, Western toad, AMRO, WEBL, ATFL, TUVU, NRWS, COHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Walked to work area with Genero. Began preclearance sweep.

0704: Heard and observed yellow-breasted chat. Point in FieldMaps. The bird soon left the area (before the crew arrived).

0714: Crew began work (DG-4 WOUS, DG-4 WOUS connections).

0848-0910: First break.

1038: Identified active bushtit nest. Pair appear to be feeding young.

1055-1136: Lunch.

1136: Flagged Bushtit nest found near the ingress/egress trail. Flagged Gothic boundary so crew does not work there.

1319-1350: Second break.

1430: End of day.

Additional Comments

N/A

Signature





Beginning_of_vegetation_removal.jpg



Post_vegetation_clearing.jpg



Pre_vegetation_removal.jpg



Restoration_area.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	53 °F	0-3 MPH	100 %
End of Day	14:33	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants; irrigation.
2. Hand tools three. Nature's Image crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, SPTO, SOSP, CALT, WREN, CANG, BEWR, BHGR, ANHU, BLPH, MODO, EUCD, NOMO, AMRO, RCPA, AMCR, CASJ, AGOL, KILL, Desert cottontail, California ground squirrel, Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Checked in with Genaro. Walked to DG-4 (34.192467°N 118.174382°W) and started nesting bird survey.

0700: No nesting behavior observed in immediate area, cleared crew to work in the area.

0815: Genaro showed me an area in DG-4B that the crew would like to work in (34.192027°N 118.175102°W).

Monitored the area for nesting behavior.

1015: No nesting behavior observed in the area. Updated CASJ-3 nest as inactive. Went back to the first work area to monitor wildlife.

1050-1130: Lunch break.

1130: Continued to monitor wildlife in DG-4 area.

1210: Crew finished in first work area. Went with the crew to the second work area and monitored wildlife activity.

1425: Crew finished weeding. Started cleaning up. Checked out with project manager and tomorrow's monitor. Left site.

Additional Comments

N/A

Signature





20240422_work_area_one_before_facingWest.jpg
-118.17431897222222 34.19248633333333



20240422_work_area_two_before_facingNortheast.jpg
-118.17509905555556 34.19199752777777



20240422_work_area_one_after_facingWest.jpg
-118.17432781944444 34.19244554444444



20240422_work_area_two_after_facingEast.jpg
-118.17526091666667 34.19200277777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:40	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (five), hoes (nine)
3. Gothic landscape crew of nine with Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, SOSP, BEWR, OCWA, BHGR, YBCH, HOWR, NOMO, SPTO, CAQU, WREN, AMCR, NUWO, LEGO, ANHU, BUSH, BLPH, MALL, CANG, BGGN, CASJ, WTSW, NRWS, CORA, RCPA, HOFI, MODO, CATH, CAKI

Mammals: Desert cottontail, California ground squirrel

Reptiles: Western fence lizard

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew heads to south end of site to begin vegetation removal in DG-2 working their way south.

0715: Biologist monitors work area for any wildlife activity.

0800: Biologist begins flagging and searching for nests in DG-4 and DG-W-2.

0900: Crew takes break.

0915: Crew returns to work.

1040: Bushtits observed gathering nesting material and building nest in fork of tree.

1200: Crew takes lunch.

1230: Crew returns to work.

1425: Crew wraps up work and heads back to dumpster to throw away removed vegetation.

Additional Comments

N/A

Signature





DG-2_pre_vegetation_removal_facingNorth.jpg
-118.1725417500001 34.18821013055554



DG-2_vegetation_removed_facingNorth.jpg
-118.17254911111111 34.18809541111111



DG2_vegetation_removed_facingWest.jpg
-118.17152918055557 34.19222316666665



DG2_vegetation_removed_facingNorth.jpg
-118.1736877888889 34.1856861888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:37	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement
2. Hand tools (shovels, hoes, etc.)
3. Nature's Image, crew lead Genaro

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WEBL, SOSP, CAKI, ACWO, MODO, CAQU, CALT, CASJ, AMRO, Green parrot sp., AMCR, ANHU, BEWR, CANG, BUSH, SPTO, California ground squirrel, Western toad, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site Some precipitation at time of arrival. Genaro said they would wait to work until rain ended.

0650: Began sweep of work area (DG4 east of staging area) prior to work commencing.

0705: Work area cleared for work Natures Image crew begin weed abatement activities.

-The crew removes non-native weed species such as poison hemlock and mustard using hand tools and carries them off the site in tarps while leaving native species intact.

1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.

1435: Depart site

Additional Comments

N/A

Signature





DG-4_before_facingNortheast.jpg
-118.17511160277778 34.19199088888889



DG-4_during_facingNortheast.jpg
-118.1751175 34.19199591666666



DG-4_after_facingNortheast.jpg
-118.1750776388889 34.1920388888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	4-6 MPH	100 %
End of Day	14:52	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (five), hoes & hula hoes (nine)
3. Gothic landscape crew of nine plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CAQU, CALT, RTHA, LEGO, AMCR, HOFI, BEWR, WREN, BHGR, CASJ, SPTO, OCWA, BGGN, YBCH, YEWA, NRWS, KILL, MALL, CANG, RCPA, CORA, MODO, WESA, ANHU, SOSP, WTSW, CATH, RCKI, NUWO, ACWO, NOMO, CAGU, BARS, TUVU, ALHU

Mammals: Pocket gopher, Desert cottontail, Coyote, California ground squirrel

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew heads to pick up work at southern end of site in DG-2 working their way north.

0724: Steady drizzle.

0815: In water in front of the dam. One pair of mallards with 10 ducklings and a second pair with two older ducklings.

0830: Biologist searches for nests on west side of site in DG-4, DG-4C, DG-W-2, and DG-4 WOUS.

0930: Mourning dove and California scrub jay seen carrying sticks. Both flew west out of the site.

1032: Coyote heard howling on west side.

1130: Intermittent drizzle stopped.

1200: Crew takes lunch.

1230: Crew returns to work in DG-2 working their way north.

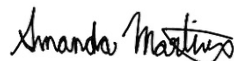
1420: Removed vegetation mainly consists of mustard and poison hemlock.

1435: Crew begins to wrap up work. Heading back to trucks to put away tools and take last load of removed vegetation to the dumpsters.

Additional Comments

N/A

Signature





DG2_vegetation_removed_facingSouth.jpg
-118.17246201944445 34.18928123055555



DG2_pre_vegetation_removal_facingNorth.jpg
-118.17263213055556 34.18958266111111



New_slope_seeded2023_partial_collapse_facingNorthNortheast.jpg
-118.17281588055556 34.19083126111111



DG2_post_vegetation_removal_facingNorth.jpg
-118.17262831944446 34.189660149999995

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	45 %
End of Day	15:00	67 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, RNDU, EGGO, BARS, CLSW, NAWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, COYE, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, RUDU, YWAR, BHGR, YBCH, WTSW, AGOL, WETA

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew finishes work in DG-1 and continues invasive species removal in DG-2.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG-2_facingNW Photo 2: invasive_removal_DG-2_facingN

Signature





invasive_removal_DG-2_facingNorthwest.jpg



invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: April 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	50 °F	0-3 MPH	55 %
End of Day	14:30	65 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing
2. Handtools
3. Natures Image, Eight man crew (Genaro Vargas foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BEWR, SPTO, CAQU, AMCR, RCPA, LEGO, CANG, BHGR, CATH, ANHU, MODO, CASJ, CALT, California ground squirrel, WREN, BGGN, AMRO, HOFI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived onsite.

0630: Genaro Vargas shows me work area, DG-4, approximately 34.191852 N, 118.174681W. Started clearing area.

0647: Completed clearing area.

0700: Crew arrives, starts vegetation clearing (primarily poison hemlock, stinging nettle, short pod mustard),

0853: Crew breaks. Genaro Vargas leaves site to fuel up Natures Image truck.

0915: Crew returns from break. Continues vegetation clearing.

1048: Crew breaks for lunch.

1135: Crew is back from lunch.

1140: Genaro Vargas shows me the new area crew will be moving to in DG-4A, approximately 34.191727 N, 118.175467 W.

1200: New area cleared.

1232: Crew finishes vegetation clearing in first area, moves to second.

1310: Crew member finds dead baby bunny. Crew says it's the third one they've found in two week span. I flagged off the area and took a point in Fieldmaps.

1321: Crew breaks.

1344: Crew returns from break.

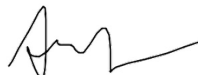
1418: Crew starts cleaning up for the day.

1430: Left site.

Additional Comments

N/A

Signature





Area1_before_facingEast.JPG
-118.17471111111112 34.19186388888888



Area1_during_facingSoutheast.JPG
-118.1746388888889 34.19189444444444



Area2_before_facingSouthwest.JPG
-118.17545833333334 34.191741666666665



Area2_after_facingWest.JPG
-118.17535277777779 34.191711111111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	15:00	62 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUSH, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, RNDU, EGGO, BARS, CLSW, NAWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, TUVU, CEWA, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU, COHA, EUST, Red crowned parrot, GREG, RUDU, YEWA, BHGR, YBCH, WTSW, AGOL, WETA, COYE

Reptiles: Western fence lizard, Side-blotch lizard

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-1, DG-2, and Johnson Field with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal in DG-1, DG-2, and Johnson Field.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal in DG-1, DG-2, and Johnson Field.

1500: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG-2_facingNW Photo 3: invasive_removal_DG-1_facingS

Signature





invasive_removal_DG-2_facingNorthwest



Invasive_removal_JohnsonField_facingNorth.jpg



invasive_removal_DG-1_facingSouth

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:30	60 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native vegetation clearing
2. Nature's Image, hand tools/hands
3. Nine people on crew

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, BGGN, MODO, CAQU, CASJ, SPTO, BUSH, HOFI, SOSP, RCPA, BHGR, CORA, OATI, MALL, CANG, BEWR, WREN, CATH, ALHU, CALT, ACWO, NOMO, AMRO, CAKI, RSHA, WTSW, California ground squirrel, WCSP, WEBL, Desert cottontail, ANHU, OCWA, BTPI, TUVU, Western toad, NUWO, YEWA, COHA, EUST, Fox squirrel, WETA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site for pre-sweep.

0654: Gave authorization for crew to continue in work area.

0727-0740: Began drizzling, crew went back to cars to wait.

0840: Observed song sparrow (SOSP) pair (SOSP-01) feeding young. Vegetation is too dense to see young or the nest, but I could distinctly hear young begging and observed the adults with food. Flagged 25-foot buffer & told crew.

0845-0920: Break.

1050-1140: Lunch.

1300: Heard one yellow warbler song but couldn't not see nor identify the direction it was calling from. Didn't hear it again for the rest of the day.

1324-1345: Break.

1330: Updated parking lot nests (CAKI-01, BUSH-02).

1422: Cleanup gear and vegetation.

1430: End of day.

Additional Comments

N/A

Signature





Vegetation_before_clearing.jpg



Vegetation_after_clearing.jpg



Cleared_walkway.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	49 °F	0-3 MPH	100 %
End of Day	14:15	67 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration.
2. Weed/non-native removal. Hand tools.
3. Genero (foreman), 8 crew members.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Yellow jacket, Western honeybee, Carpenter bee, Swallowtail sp., Ladybird beetle, Gall wasp sp. Western toad, Western fence lizard, CAQU, SOSP, BEWR, AMRO, CANG, MODO, EUCCO, ACWO, NUWO, SPTO, CALT, CAKI, WEWP, BHGR, BGGN, Amazonia sp., LEGO, HOFI, CORA, CATH, WREN, Accipiter sp., ANHU, ALHU, CASJ, LEGO, WTSW, BARS, OATI, RCKI, YEWA, RSHA, AMCR, Gull sp., MALL, EUST, HOOR, Desert cottontail, California ground squirrel, Domestic dog, Coyote (tracks)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Went to go survey in planned work area (DG-4A and DG-W-2).

0700: Crew started work. They are removing hemlock and pepperweed.

0757: Crew notified Sam H. that they found a nest. Moved crew over to avoid nest and covered up with vegetation in DG-W-2.

0849: Crew stopped for a break.

0905: Observed a yellow warbler within work area. Seems to be passing through.

0915: Crew resumed work.

1047: Crew stopped for lunch.

1140: Crew resumed work after lunch.

1200: Found a new nest. Appears to be a song sparrow nest in the incubation phase. Moved crew to new area and established a 50ft buffer.

1321: Crew stopped for a break.

1345: Crew resumed work.

1412: Crew is wrapping up for the day.

1415: Crew finished for the day.

Additional Comments

N/A

Signature





Planned_work_area.jpg



Crew_starting_work.jpg



Crew_working.jpg



Crew_finished_for_the_day.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	53 °F	0-3 MPH	90 %
End of Day	13:51	63 °F	10-12 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (six), hoes & hula hoes (nine)
3. Gothic Landscape crew of nine with Juan as crew lead

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: NRWS, WTSW, BARS, CALT, RTHA, BEWR, RCPA, DEJU, SPTO, HOFI, ATFL, CAQU, BHGB, WREN, SOSP, CORA, ALHU, LEGO, ACWO, CASJ, WETA, YBCH, ANHU, BTPI, NOMO, KILL, COHA, EUST

Mammals: California ground squirrel, Desert cottontail

Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Arrived on site.

0745: Crew prepares for work in Johnson field. Starting at north end of Johnson field east of known nest buffer.

0750: Biologist monitors work area for any wildlife activity.

0830: Crew working south along trail in Johnson Field.

0915: Biologist checks on spotted towhee nest.

0920: Biologist reminds crew of two nests along trail. Crew lead instructs crew to work on other side of nest buffers once they reach the buffer.

0925: Biologist walks around nest buffers to check for additional wildlife activity.

0945: Crew moves to the other side of the nest buffers working south and then west into Johnson Field.

1100: Crew takes lunch/break.

1145: Crew heads back to continue work in Johnson Field.

1220: Crew working their way back north through Johnson Field.

1225: Crew splits into two groups to target areas within Johnson Field that have not been worked on in a while.

1325: Removed vegetation mainly consist of non-native grasses, milk thistle, scarlet pimpernel, and mustard.

1345: Crew heads out of Johnson Field to throw away last of the removed vegetation and put away tools for the day

Additional Comments

N/A

Signature





JohnsonField_pre_vegetation_removal_facingSoutheast.jpg
-118.1708432222223 34.1918306666666



JohnsonField_vegetation_removed_facingSouth.jpg
-118.1707337111111 34.1917418333333



JohnsonField_post_vegetation_removal_facingSoutheast.jpg
-118.17089068888889 34.19180955555555



JohnsonField_vegetation_removed_facingWest.jpg
-118.17118294444445 34.191487499999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: April 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	53 °F	0-3 MPH	0 %
End of Day	14:19	75 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration
2. Hoes, hand pulling
3. Genaro (foreman), Natures Image crew

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Oak marble gall wasp, Carpenter bee, Swallowtail sp., Western honeybee, Cabbage white, Western fence lizard, CALT, SPTO, NOFL, Amazonia sp., BEWR, ACWO, LEGO, BGGN, SOSPO, OATI, CASJ, EUCO, AMRO, CAQU, CATH, YEWA, BUSH, BHGR, BUOR, NUWO, CAKI, EUST, MODO, WEBL, CEWA, WTSW, CANG, TUVU, AMCR, CORA, COHA, HOFI, RSHA, RTHA Desert cottontail, California ground squirrel, Woodrat

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0624: Arrived on site.

0645: Went to scout out work area (DG-4). Also heard a yellow warbler singing in the area but had no visual observations.

0701: Crew started work. They are removing mustard, wild radish, hemlock and pepperweed.

0805: Observed a spotted towhee with nesting material land in understory of an Oak tree. Observed a second one fly in a few seconds after and they did not emerge marked area off and moved crew elsewhere.

0847: Crew stopped for a break.

0915: Crew resumed work.

1045: Crew stopped for lunch.

1145: Crew resumed work after lunch in DG-4A.

1319: Crew stopped for break.

1345: Crew resumed work in DG-4A.

1419: Crew finished for the day.

Additional Comments

N/A

Signature





DG-4_prior_to_work_starting.jpg



Crew_starting_work.jpg



Crew_starting_work.jpg



Crew_finished_for_the_day.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	75 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within DG-4C and DG-W-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus crew lead Juan.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Black Phoebe, California Quail, Acorn Woodpecker, Cassin's Kingbird, Black-headed Grosbeak, California Scrub Jay, Nuttall's Woodpecker, Song Sparrow, Mourning Dove, Bewick's Wren, Anna's Hummingbird, California Towhee, Spotted Towhee, Orange-crowned Warbler, Ash-throated Flycatcher, Yellow Warbler, Blue-grey Gnatcatcher, Chicken, Cedar Waxwing, Red-winged Blackbird, Bushtit, Lesser Goldfinch, Red-tailed Hawk, Common Raven, Northern Mockingbird, House Finch, Northern Rough-winged Swallow, American Kestrel, Canada Goose, Mallard, Killdeer, Spotted Sandpiper, Least Sandpiper, Northern Flicker, Yellow Warbler, California Thrasher, Sharp-shinned Hawk, White-throated Swift, Wrentit, European Starling
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Side-blotched lizard, Western fence lizard
Special Invertebrates: Crotch Bumble Bee

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on the west side of the project site.
0800: Discovered a California towhee (CALT) nest being built (CALT_02).
0900: Crew broke for break.
0930: Observed what was later identified to be the recent CESA candidate species the Crotch bumble bee
1000: Walked to the east side to assess weed growth and search for any new nests.
1200: Crew broke for lunch.

Additional Comments

N/A

Signature





Side_blotched_lizard_found_under_debris.JPG



Crew_weeding_DG4C.jpg

-118.1748190277779 34.19304468333333



CALT_02.JPG



Crotch_bumble_bee_feeding_on_lupine_DGW2.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: April 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:29	53 °F	0-3 MPH	50 %
End of Day	14:36	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement
2. Hand tools (shovels, hoes, etc.)
3. Nature's Image, crew lead Genaro

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, CALT, CATH, CASJ, MODO, ACWO, BEWR, SPTO, YRWA, Green parrot sp., CAQU, BGGN, AMCR, KILL, HOFI, BUSH, LEGO, ANHU, Desert cottontail, California ground squirrel, Western toad, Western fence lizard, Alligator lizard, Western side-blotched lizard, Whiptail lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0635: Began sweep of work area (DG-4A south of staging area) prior to work commencing.

0650: Work area cleared for work Nature's Image crew begin weed abatement activities.

-The crew removes non-native weed species such as poison hemlock, black mustard, and short pod mustard using hand tools and carries them off the site in tarps while leaving native species in tact.

0710: Observed a nest with a California scrub-jay (CASJ) in it. Bird was holding a twig and appeared to be nest building. The nest position was marked in field maps (CASJ-6) and 30 ft buffer established.

1045: Crew begins work in different area of DG-4A (SE of staging area).

1305: Observed a pair of bushtit (BUSH) carrying nesting material into a blue elder. The nest point was marked in field maps (BUSH-16) and 30 ft buffer established.

1430: Crew begins piling remaining weeds on the ground onto tarps to carry off the site. No more weed pulling will be done today, just clean up.

1435: Depart site.

Additional Comments

N/A

Signature





DG-4A_before_facingSouthwest.jpg
-118.17531002777778 34.19113333333333



DG-4A_during_facingSouthwest.jpg
-118.17535038888889 34.19109844444444



DG-4A_after_facingSouthwest.jpg
-118.17533300000001 34.1911236

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: April 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	4-6 MPH	0 %
End of Day	14:44	74 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (six), three prong/hoe cultivator, & hoes (ten).
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, HOFI, CAQU, CASJ, ACWO, RCPA, BEWR, CALT, EUCD, SOSP, WTSW, BUSH, BGGN, ANHU, KILL, SPTO, RTHA, AMCR, HAFL, CAKI, OCWA, ALHU, HOWR, LEGO

Mammals: Pocket gopher, California ground squirrel

Reptiles: Western fence lizard, Side-blotched lizard, Coastal whiptail, Southern California legless lizard, California kingsnake

Invertebrates: Black tailed bumble bee, Checkered white, Honey bee, Eleodes sp., Swallow tail, Dragonfly,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Crew perparing for work for the day.

0650: Crew begins weeding in DG-4 & DG-4C working thier way north. Biologist monitors surrounding work area for any wildlife activity.

0735: Vegetation removed mainly consist of poison hemlock, rumex, mustard, and non-native grasses.

0825: Biologist observes black tailed bumble bee foraging on black sage.

0900: Crew takes break.

0911: Biologist observes pocket gopher.

0915: Crew returns to work in DG-4 & DG-4C working their way north.

0944: Red tailed hawk perches on electrical pole with a rodent in its talons.

1030: Crew member shows biologist legless lizard they encountered.

1050: Crew member notifies biologist of California kingsnake. Biologist instructs crew to leave the area around the rock it went under.

1200: Crew takes lunch.

1230: Crew returns to work.

1415: Crew collecting all the piles of removed vegetation to take to the dumpster.

1435: Crew takes last tarps of removed vegetation to the dumpster

Additional Comments

N/A

Signature

Amanda Martin



DG4_pre_vegetation_removal_facingSouth.jpg
-118.1742907777778 34.19339293055554



DG4_post_vegetation_removal_facingSouth.jpg
-118.1742706666667 34.19338958333333



DG4_vegetation_removed_facingNorth.jpg
-118.17430613055556 34.1933951



DG4C_Californiakingsnake_facingEast.jpg
-118.17437818055556 34.19374386111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:23	54 °F	0-3 MPH	80 %
End of Day	14:51	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration: removing non-natives including HIRINC, MELIND, LYSARV, BROMAD, POLMON, LEPLAT, FOEVUL, RAPSAT, and avena sp.
2. Crew hand pulling and using hand tools including shovel and hoe in DG- 4A restoration area.
3. Nature's Image - Foreman: Genaro with crew of six, plus two crew members working on irrigation systems.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SAPH, KILL, BUSH, BEWR, CALT, HOFI, SOSP, CLSW, OATI, LEGO, WCSP, CORA, CAQU, SPTO, BARS, YEWA, (took point in field maps), AMRO, ACWO, WREN, CANG, MODO, GREG, BGGN, WREN, BHGR, ANHU, CASJ, BHCO, AGOL, AMCR, Lorquin's admiral, Swallowtail, Painted lady, Western honey bee, Cabbage white butterfly, Wasp (V. Pennsylvanica), Western toad, Side-blotched lizard, Western fence lizard, Southern Pacific rattlesnake, Coastal whiptail (took points in field maps), California ground squirrel,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Met Genaro, he showed me the area the crew are planning on working for the day.
0640: Checked area for nesting bird activity prior to work commencing.
0705: Crew arrived on site began removing non-native plants. Focused efforts around installed plants.
0720: Updated California scrub-jay_02 (CASJ_02) - inactive - removed flagging.
0730: Sixth crew member joined the team.
0740: Monitoring crew checking ahead for nesting bird activity.
0835: Crew take break. Biologist continues monitoring birds in area.
0905: Crew resumes work.
1020: Alerted crew to basking rattlesnake ahead of where they were working, told to avoid.
1025: Crew member found Western fence lizard stuck in caging around installed plant. Biologist cut the lizard free.
1050: Crew found coastal whiptail stuck in caging around installed plant. Biologist and crew member worked together to free the lizard.
1055: Crew break for lunch.
1200: Crew resume work.
1210: Genaro left to pick some equipment up.
1250: Genaro returned and let me know that he was leaving for the day.
1320: Natures Image crew member let me know that the planted mulefat along the trail had been cut (she let me know it wasn't them) I took pictures and sent the information along to Carley.
1330: Crew takes break.
1400: Crew resume work.
1430: Crew collect removed vegetation for the day in bags and transport it back to the dump.
1445: End of monitoring.

Additional Comments

N/A

Signature

A handwritten signature in black ink, consisting of several overlapping loops and lines, positioned below the word "Signature".

Natures_Image_crew_pulling_mustard_DG-4A_facingEast_05012024.JPG
-118.1753138888889 34.1911722222222



Natures_Image_removing_nonnative_grasses_DG-4A_facingEast_05012024.JPG
-118.17525833333333 34.19096111111111



Rattle_snake_basking_in_restoration_area_05012024.JPG
-118.17491388888889 34.19087777777777



Western_fence_lizard_rescued_from_caging_05012024.JPG
-118.17513333333333 34.191022222222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	50 %
End of Day	15:00	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BEWR, HOFI, CALT, SPTO, CAQU, CEWA, ANHU, ACWO, MODO, BHGR, CASJ, LEGO, OATI, SOSP, YEWA, CAKI, BUSH, ECDO, NUWO, TUVU, WREN, NOMO, WETA, BGGN, MGWA, WAVI, COHA, LISP, CATH, WTSW, RSHA, CORA, MALL, AMRO, SWTH, HOWR, HOOR, CANG, WEFL, AMCO, CLSW, NRWS, GREG, SNEG, EUST, WEWP, ATFL

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Spoke and exchanged contact information with Genaro, foreman from Nature's Image, who will be working elsewhere throughout the west half of the site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit").

0900: Crew takes a break.

0915: Crew resumes work in mining pit work area.

1130: Crew discovers rattlesnake while weeding. Potential snake den marked in Field Maps and crew advised to avoid the area.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1400: Large truck arrives to dispose of weeds from the container bin by the Nature's Image staging area.

1500: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Work_near_California_towhee_nestbuffer_DG-4C_facingNortheast.jpg
-118.17423469444445 34.193812861111105



Bagged_weeds_DG-W-2_facingWest.jpg
-118.1739697138889 34.193744555555554



Rattlesnake_DG-W-2_facingNorth.JPG
-118.1739888888889 34.19393055555555



Weed_disposal_facingSouth.jpg
-118.17431741666667 34.19384501111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:27	53 °F	0-3 MPH	100 %
End of Day	14:30	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, ECDO, BEWR, CAQU, SOSP, CASJ, CEWA, SPTO, HOFI, BHGR, CAKI, NUWO, RBNU, RCPA, BGGN, ACWO, BUSH, CORA, KILL, CATH, ANHU, CANG, WEGU, BCHU, BLPH, LEGO, WTSW, ALHU, WETA, BHCO, RUDU, NRWS, CLSW, AMCO, WEFL, AMCR, LESA, SPSA, RTHA, EUST, WAVI, WEBL, ATFL, WCSP, HOOR

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Desert cottontail, Coyote, Deer mouse

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Arrive on site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit"). Focus in the morning is on the south-facing slope by the north perimeter of the work area.

0900: Crew takes a break.

0915: Crew resumes work in mining pit work area, especially hitting the south facing slopes.

1030: Confirmed Bewicks Wrens are nesting under the dumpster at the east side of the basin by Johnson Field. Communicated finding to Juan, ICF bio staff, and ECORP (Lauren Simpson). No offloading of material or removal of trash can occur at this dumpster until the nest has fledged. One bird was observed bringing food to the nest; since no begging chicks were heard, it's assumed a female is being fed by the male while she incubates eggs.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1430: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





DG-4_weed_removal_facingWest.jpg
-118.173518075 34.193883388888885



DG-4_post-weed_removal_facingWest.jpg
-118.17346898055555 34.19378013888888



DG-4_weed_removal_facingSouth.jpg
-118.1734767777778 34.19378974999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Taylor
Company: ECORP
Date of Log: May 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:30	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native vegetation removal (DG-4 and DG-4A)
2. Hand tools
3. Nature's Image (seven)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BGGN, ANHU, RCPA, CALT, MODO, CAKI, CAQU, NUWO, AMRO, NOMO, WETA, BARS, BHGR, BUSH, WREN, KILL, ACWO, MALL, CORA, SPTO, YEWA, CASJ, RTHA, LEGO, NRWS, CANG, BEWR, ALHU, AMCO, CATH, OATI, California ground squirrel, WTSW, Desert cottontail, HOFI, YRWA, COYE, RSHA, OCWA, Coastal whiptail, Western fence lizard, WEBL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site for pre-sweep.

0718: Heard yellow warbler (YEWA) singing. Likely more than one YEWA due to singing in many locations throughout day; however, I only observed one at a time.

0745: Located a blue-gray gnatcatcher (BGGN) nest (BGGN-02) adjacent to work area. Territorial pair defending nest from California scrub jay. Female observed frequenting nest with food while male defends nest. Put flagging around nest buffer and informed crew of its location.

0845-0915: Break.

1050-1130: Lunch.

1156: Observed coastal whiptail. Put a point on FieldMaps.

1200: Went to check on nest status for Bewick's wren nest (BEWR-03). Could not locate nest tree due to rapid plant growth. Heard Bewick's wren (BEWR) in general area but cannot be sure of nest status.

1320-1340: Break.

1346: Updated BEWR-04 nest. Observed adult feeding young (heard begging inside cavity)

1420: Wrapping up-cleaning up vegetation and tools.

Additional Comments

N/A

Signature





Restoration_area_vegetation_growth_facing_Southeast.jpg



Restoration_area_after_weeding_facing_Southeast.jpg



Restoration_area_before_weeding_facing_E.jpg



Restoration_area_after_weeding_facing_east.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	4-6 MPH	100 %
End of Day	13:54	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (seven), hoes (nine), rakes (two), three prong/hoe cultivator (two).
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, CASJ, CALT, RCPA, CAQU, ACWO, WREN, BEWR, SPTO, EUCD, BUSH, ANHU, BHGB, SOSP, AMRO, LEGO, HOFI, WTSW, ALHU, CORA, CATH, BGGN, WETA, CAKI, WEFL, RTHA

Mammals: California ground squirrel, desert rabbit

Reptiles: Western fence lizard, Alligator lizard

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at site.

0645: Crew heads to work in south end on DG-4 working their way north.

0800: Crew lead informs and shows biologist dead rabbit on site.

0830: Biologist monitors work area and future work area for any wildlife activity.

0900: Crew takes break.

0915: Crew returns to work.

0930: Biologist relocates two alligator lizards to nearby native vegetation that were heading into the removed vegetation.

1100: Biologist monitors site for potential work areas with easy access to road.

1200: Crew takes lunch.

1230: Crew returns to work area.

1245: Crew notifies biologist of bees coming from an area they are weeding. Biologist checks out area and determines there is a hive in the green irrigation box. Hazard marked on map and orange flagging tape on willow above irrigation box.

1340: Crew collecting last of removed vegetation to take to the dumpster.

Additional Comments

N/A

Signature





DG4C_dead_desert_rabbit.jpg
-118.17457408333334 34.193464166666665



DG4_pre_vegetation_removal_facingNorth.jpg
-118.17327826111112 34.19361747222222



DG4_vegetation_removed.jpg
-118.1732075555556 34.19389943055554



DG4_post_vegetation_removal_facingNorth.jpg
-118.17327569444446 34.1936300277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	52 °F	0-3 MPH	100 %
End of Day	14:45	68 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing non-native vegetation in the restoration area.
2. Hand tools (five hoes, two shovels, and a rake)
3. Genaro Vargas (Natures Image foreman) and five additional Natures Image workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BHGR, CAKI, BUSH, SPTO, RTHA, BEWR, WTSW, KILL, CASJ, MALL, RSHA, CALT, ANHU, AMCR, LEGO, HOFI, CAQU, MODO, ACWO, Western side-blotched lizard, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site. It is misting a little bit.

0630: Natures Image crew arrived on site. Talked with Natures Image foreman Genaro Vargas, he showed me the work location in DG-4A, approximately 400 feet south of the southeast corner of the Natures Image yard. Began sweep of work area.

0715: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work. Crew of five Natures Image workers beginning work.

0730: One additional Natures Image crew member showed up. Now there are a total of six Natures Image workers.

0840: Observed dead juvenile desert cottontail under California sagebush, with no obvious cause of death (34.1908233, -118.1750778). Notified ECORP Project managers Lauren Simpson and Carley Adams and sent an email with photos attached.

0845: Crew taking break.

0900: Crew resuming work.

0920: Observed one Natures Image worker working on irrigation box within bushtit (BUSH) nest, BUSH-16 buffer. Asked Genaro if she could move to a different irrigation box and not work in the buffer. Worker left buffer. BUSH-16 does not appear to have been disturbed.

1055: Crew heading back to staging area to take lunch. Genaro is leaving for the day.

1130: Miya from CDFW arrived on site to collect rabbit. I showed her the location of the dead rabbit and she collected it.

1200: Crew resuming work.

1205: Observed juvenile desert cottontail that is alive but looks very sick on path to work area. Notified ECORP Project manager Lauren Simpson. CDWF is going to come back and collect the rabbit.

1325: Crew taking break.

1350: Crew resuming work. The rabbit fell over and is no longer up right, appears like it may die soon.

1405: CDFW biologist Miya arrived on site. I filled her in on the status of the rabbit, heading back to where the crew is working.

1418: Rabbit died.

1430: Crew done working in the restoration area, hauling tarps out.

1445: Heading off site for the day.

Additional Comments

CDFW biologist picked up two dead desert cottontails from site today.

Signature

A handwritten signature in black ink, appearing to be 'A. Anderson', written in a cursive style.

05-03-2024_Natures_Image_Crew_removing_weeds.jpg

-118.17528608333333 34.19086105555555



05-03-2024_dead_desert_cottontail.jpg
-118.17503819444445 34.19080322222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:41	47 °F	0-3 MPH	0 %
End of Day	14:30	71 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation Clearing
2. Hand tools and manual pulling
3. Eduardo (acting foreman) Natures Image.

Did you observe any special-status species? Yes No

Least Bell's vireo (LBVI), Yellow warbler

Were any least Bell's Vireo detected? Yes No

One LBVI was heard singing in DG-4A in the eastern portion near a patch of mule fat. There was no visual observation but can be heard vocalizing. Took point in Fieldmaps and marked its theoretical territory.

List of species observed while monitoring:

Swallowtail Sp., Ladybird beetle, Cabbage white, Western honeybee, Red admiral, Fiery skipper, Vanessa sp., Carpenter bee, Red harvester ant, Flesh fly, Brown leather wing beetle, Painted lady Western toad (carcass). Western fence lizard, AMRO, SOSP, CALT, COYE, MODO, CAQU, BEWR, DEJU, Amazonia sp., RSHA, CEWA, SPTO, ACWO, NUWO, BUSH, LEGO, ANHU, MALL, CANG, KILL, NRWS, AMCR, YEWA, HOFI, CASJ, OATI, CATH, WTSW, BHGR, COHA, BARS, AMCO, ATFL, BGGN, CORA, CAKI, TUVU, EUST, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Arrived on site.

0700- Heard one adult LBVI singing within the planned work area (DG-4A southern portion). Planning to move the crew to work in different area. Also heard yellow warbler in the same area as well. Moving to DG-4A by the trail.

0754- Crew started work in DG-4A. They are removing Bromus, hemlock, wild radish and mustard.

0845- Crew stopped for a break.

0915- Crew resumed work in DG-4A after break.

1050- Crew stopped for lunch break.

1140- Crew resumed work in DG-4A after lunch.

1315- Crew stopped for a break.

1345- Crew returned from break and resumed work.

1430- Crew finished for the day.

Additional Comments

N/A

Signature

hwi



photo_1-20240506-135302.jpg



Restoration_area_before_weeding_facing_east.jpg



Natures_image_weeding_restoration_area_facing_east.jpg



Weeding_conducted_in_restoration_area.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	15 %
End of Day	14:22	68 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes (five), three prong/hoes cultivator (two), and hand pulling.
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, CAQU, SOSP, BHGB, CASJ, CALT, BEWR, CAKI, AMCR, BGGN, HOFI, BUSH, WREN, KILL, ALHU, WTSW, NRWS, ANHU, SPTO, NOMO, CORA, DEJU, LEGO, AMRO, PUF1, RTHA, EUST, CATH

Mammals: Desert rabbit, California ground squirrel, Pocket gopher

Reptiles: Western fence lizard

Amphibians: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site

0635: Crew gets ready for the day's work.

0650: Crew heads to northeast corner of DG-4 to pick up work where they left off on Friday working their way south-southwest.

0700: Crew lead and one crew member go to east side of site to work on the irrigation. Biologist monitors wildlife activity in work area.

0840: Crew takes load of removed vegetation to dumpster with truck.

0900: Crew takes break.

0915: Crew returns to work.

1000: Crew takes load of removed vegetation to dumpster with truck. Biologist monitors work area for wildlife activity and ensures that crew is within designated work area.

1100: Some tarps of removed vegetation loaded into truck. Biologist monitors future work area for any wildlife activity.

1135: More tarps being loaded into truck and taken to the dumpster.

1200: Crew takes lunch.

1230: Crew heads back into work area.

1254: Crew taking tarps of removed vegetation to truck to take to dumpster.

1320: Biologist adds additional flagging tape to nest buffer to help crew easily see no work area.

1345: Crew member informs biologist of rattlesnake they saw around the area on was previously seen.

1400: Crew lead informs biologist that on the other side of the site they connected the water meter to the main line and found six leaks.

1405: Crew wraps up work for the day. They load up the trucks and take the last load of removed vegetation to the dumpster.

Additional Comments

N/A

Signature

Amanda Martin



DG4_pre_vegetation_removal_facingSouthwest.jpg
-118.17344669444445 34.1935655277777



DG4_vegetation_removed01.jpg
-118.1731367222222 34.19389691666667



DG4_post_vegetation_removal_facingSouthwest.jpg
-118.17338805555556 34.19357772222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	51 °F	0-3 MPH	0 %
End of Day	14:28	74 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal
2. Hand tools, manual pulling
3. Eduardo (acting foreman) Nature's Image

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Western honeybee, Darkling beetle, Yellowjacket, Swallowtail sp., Ladybird beetle sp., Carpenter bee, Cabbage white, Fiery skipper Western fence lizard, Common side-blotch, Western toad BEWR, CALT, SPTO, CASJ, ACWO, MODO, CASJ, NUWO, BGGN, HOFI, AMCR, BHGR, CATH, SOSP, CAQU, YEWA, KILL, AMRO, CANG, BUSH, NOFL, LEGO, BARS, ECDO, WTSW, WETA, ALHU, RSHA, CORA, Amazonia sp., ATFL, RTHA, COHA, MALL Desert cottontail, California ground squirrel, Woodrat Sp.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0623- Arrived on site. Went to go check on the planned work area for the day (DG-4A) by the trail.
0652- Heard YEWA calling southeast of the planned work area.
0712- Crew started work in DG-4A by the trail. They are removing pepperweed, curlydock, mustard, and Bromus.
0848- Crew stopped for a break.
0915- Crew resumed work after break.
1048- Crew stopped for lunch.
1139- Crew resumed work.
1330- Crew stopped for a break.
1356- Crew resumed work.
1430- Crew finished work for the day.

Additional Comments

N/A

Signature





Restoration_area_before_weeding_facingEast.jpg



Restoration_area_during_weeding_facingEast.jpg



Natures_Image_weeding_facingNorth.jpg



Restoration_area_after_weeding_facingEast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	15:00	74 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within DG-4.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of 10 plus Juan.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California scrub jay, Bewick's Wren, Wrentit, Acorn Woodpecker, California Quail, Coopers Hawk, Common Raven, Black-headed Grosbeak, Bushtit, Yellow Warbler, Song Sparrow, California Towhee, Spotted Towhee, Red-crowned Parrot, Allen's Hummingbird, Red-tailed Hawk, Western Sandpiper, Spotted Sandpiper, Canada Goose, Killdeer, Northern Rough-winged Swallow, Black-throated Gray Warbler, Mallard, Nuttall's Woodpecker, Wilson's Warbler, Cassin's Kingbird, Mourning Dove, Anna's Hummingbird, Lesser Goldfinch, Northern Mockingbird, Blue-grey Gnatcatcher, Red-shouldered Hawk, House Wren, California Thrasher, White-throated Swift, Cliff Swallow, Rock Pigeon
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

1000: New disposal/vegetation bin was delivered.

1145: Crew broke for lunch All day - Biologist walked through DG-W-2 and DG-4 surveying for nests or other biological concerns.

Additional Comments

N/A

Signature





New_bin_being_delivered.jpg
-118.1752002222223 34.19270354444444



Freshly_weeded_area_east_DG-4.jpg
-118.17312494444445 34.19358525



Freshly_weeded_area_east_DG-4(2).jpg
-118.1733973527778 34.19356444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:38	50 °F	0-3 MPH	100 %
End of Day	14:37	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding
2. Hand tools and manual pulling
3. Eduardo (acting foreman) Natures Image, Chris (LACPW), Allen (LACPW), Mitzi (LACPW)

Did you observe any special-status species? Yes No

Yellow warbler (YEWA)

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Darkling beetle, Yellowjacket, Painted lady, Cabbage white, Swallowtail sp., Western honeybee, Red admiral, Fiery skipper, Harvester ant, Alligator lizard, Western toad, ECDO, OATI, NUWO, CALT, BEWR, CAQU, MODO, SOSP, CANG, CORA, OATI, AMRO, CATH, ACWO, CAKI, BUSH, CASJ, BGGN, BARS, WTSW, SPTO, RSHA, CEWA, AMCR, BUSH, COHA, BHGR, RCKI, LEGO, Amazonia sp., WIWA, YEWA, HOFI, WREN, ANHU, RTHA, KILL, OATI, HUVI, GBHE, Botta's pocket gopher (carcass), California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- Arrived on site. Went to go check the planned work area for today (DG-4A by the trail).

0700- Crew started working in DG-4A. They are removing hemlock, bromus, mustard, and pepperweed.

0707- Heard YEWA singing west of the working area.

0848- Crew stopped for a break.

0920- Crew resumed work after break.

1000- Went to meet with the sign removal crew (LACPW). Had the restoration crew work on a different task. Cleared planned work area as well.

1047- Restoration crew is taking their lunch.

1140- Crew resumed work after lunch.

1235- Crew stopped for a break.

1300- Crew resumed work after break.

1440- Crew finished for work for the day.

Additional Comments

N/A

Signature





DG-4A_prior_to_work_starting.jpg



Restoration_area.jpg



LACPW_starting_sign_removal.jpg



Restoration_area_after_weeding.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	10 %
End of Day	15:00	76 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within DG-4 and DG-W-2.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus Juan.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Black-headed Grosbeak, California Quail, Yellow Warbler, California Towhee, Mourning Dove, California Scrub Jay, Cassin's Kingbird, Acorn Woodpecker, Northern Mockingbird, Anna's Hummingbird, Bushtit, Nuttall's Woodpecker, Song Sparrow, Spotted Towhee, Bewick's Wren, Red-crowned Parrot, Blue-grey Gnatcatcher, Lesser Goldfinch, Wilson's Warbler, Warbling Vireo, Cooper's Hawk, Western Tanager, Common Raven, Northern Rough-winged Swallow, Black Phoebe, American Coot, Mallard, Canada Goose, House Finch, Spotted Sandpiper, Red-tailed Hawk, Western Bluebird, House Wren, White-throated Swift, Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Fox Squirrel, Herps: Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site

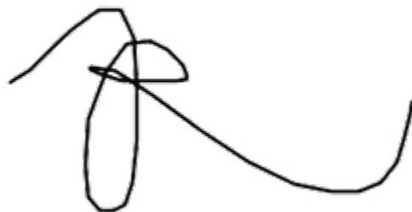
1000: Biologist walked over to east site to survey for any new nests or weed concerns.

1145: Crew broke for lunch,

Additional Comments

N/A

Signature





Crew_weeding_DG-W-2.jpg

-118.17397201111112 34.19354758333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	54 °F	0-3 MPH	100 %
End of Day	14:42	77 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing (HIRINC, MELIND, BROMAD, POLMON, LEPLAT, FOEVUL, LYSARV, PLAARE and nonnative grasses including bromus and avena).
2. Hand pulling and hand tools (hoe, spade, rake).
3. Ed Lalo (acting foreman) four crew members pulling weeds, two maintaining irrigation.

Did you observe any special-status species? Yes No

Least Bell's vireo, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA, CAQU, MODO, CALT, BHGR, CASJ, LEGO, ANHU, SPTO, BEWR, SOSP, HOFI, NOMO, ACWO, CAKI, AMRO, NUWO, AMCR, WCSP, RWBL, BUSH, KILL, HOSP, CANG, Side-blotched lizard, Western fence lizard, Western toad, Cottontail, California ground squirrel, Western honey bee, Western swallowtail, Painted lady butterfly, Coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site. Ed showed me the area that they will be working on today (DG-4A). Surveyed for nesting bird activity.

0730: Crew began pulling nonnative vegetation.

0800: Heard a yellow warbler singing, observed on cottonwood branch.

0840: Crew took break.

0920: Crew resumed.

1048: Crew break for lunch.

1140: Crew resumed.

1305: Crew took a break.

1420: Finished pulling weeds for the day, loading tarps and taking removed veg back to the dumpsters.

1440: End of monitoring.

Additional Comments

N/A

Signature





050924_crew_hand_pulling_nonnatives_facingNorth.JPG
-118.1752138888889 34.19064166666664



050924_crew_removing_nonnatives_DG-4A_facingNorth.JPG
-118.17515 34.1907138888889



050924_loading_vegetation_onto_tarp_facingWest.JPG
-118.1751472222222 34.19073333333333



050924_coastal_whiptail_basking_on_a_log.JPG
-118.17511666666667 34.19033611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	4-6 MPH	100 %
End of Day	14:35	72 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and irrigation maintenance.
2. Tarps (seven), hoes (five), cultivators (three), and hand pulling.
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, RTHA, CAQU, CALT, CASJ, BUSH, WCSP, BHGB, BEWR, EUST, LEGO, ANHU, HOFI, YEWA, ACWO, CEDW, SOSP, WREN, SPTO, COHA, RCPA, BGGN, OATI, ALHU, CATH, EUCD, HAFL, CAKI, NOHA, TOWA, MALL, AMCR, CORA

Mammals: California ground squirrel, Desert cottontail

Reptiles: Western fence lizard, Side-blotched lizard, Alligator lizard, Costal whiptail

Amphibians: Western toad

Invertebrates: Black-tailed bumblebee, Swallowtail, Ladybird beetle, Red admiral

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrives on site.

0640: Majority of crew heads to pick up work in DG-4. Two crew members went to work on the irrigation on the east side. The biologist monitors wildlife on the west side taking photos of the progress.

0900: Crew takes break.

0915: Crew returns to work.

1100: Biologist monitors immediate work area for wildlife activity. Noticed potential woodpecker nest, monitors to determine if active.

1200: Crew takes lunch.

1230: Crew returns to work. The water technician notifies biologist of dead rabbits on east side found yesterday, but now gone.

1320: Biologist observes carpenter bee going into nest.

1430: Crew throws away last tarps of removed vegetation for the day and cleans up for the day.

Additional Comments

N/A

Signature





DG4_vegetation_removed02.jpg
-118.17349113055556 34.193406111111111



DG4_pre_vegetation_removal_facingWest.jpg
-118.17367561944445 34.19317294444444



DG4_alligator_lizards_fighting.jpg
-118.17373047222223 34.19312296111111



DG4_post_vegetation_removal_facingWest.jpg
-118.17369386111112 34.19318428888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:39	55 °F	0-3 MPH	100 %
End of Day	14:25	77 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal
2. Weed wackers, hand tools, hand pulling
3. Eduardo (acting foreman) Nature's Image

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Yellowjacket, Carpenter bee, Western honeybee, Tarantula hawk, Swallowtail sp., Red admiral, Cabbage white, Painted lady, Dragonfly sp. Western toad (carcass), Common side-blotch, Western whiptail, Western fence lizard, ECDO, YEWA, SOSP, BEWR, CAQU, AMRO, WREN, SPTO, CAKI, NUWO, HOFI, LEGO, CANG, MALL, KILL, CATH, BHGR, CALT, BUSH, CASJ, MODO, ANHU, ACWO, AMCR, BARS, WTSW, RSHA, AMCO, Amazonia sp., CORA, ATFL, BRBL, OATI, RTHA, COHA Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- Arrived on site.
0630- Went to go check on DG-4A (planned work area).
0640- Heard YEWA singing near the planned work area.
0700- Crew started work. They are removing grass, bromus, hemlock, and mustard.
0834- Crew stopped for a break.
0900- Crew resumed work.
1048- Crew stopped for lunch.
1130- Crew resumed work after lunch.
1234- Crew stopped for break.
1300- Crew resumed work after break.
1430- Crew finished for the day.

Additional Comments

N/A

Signature





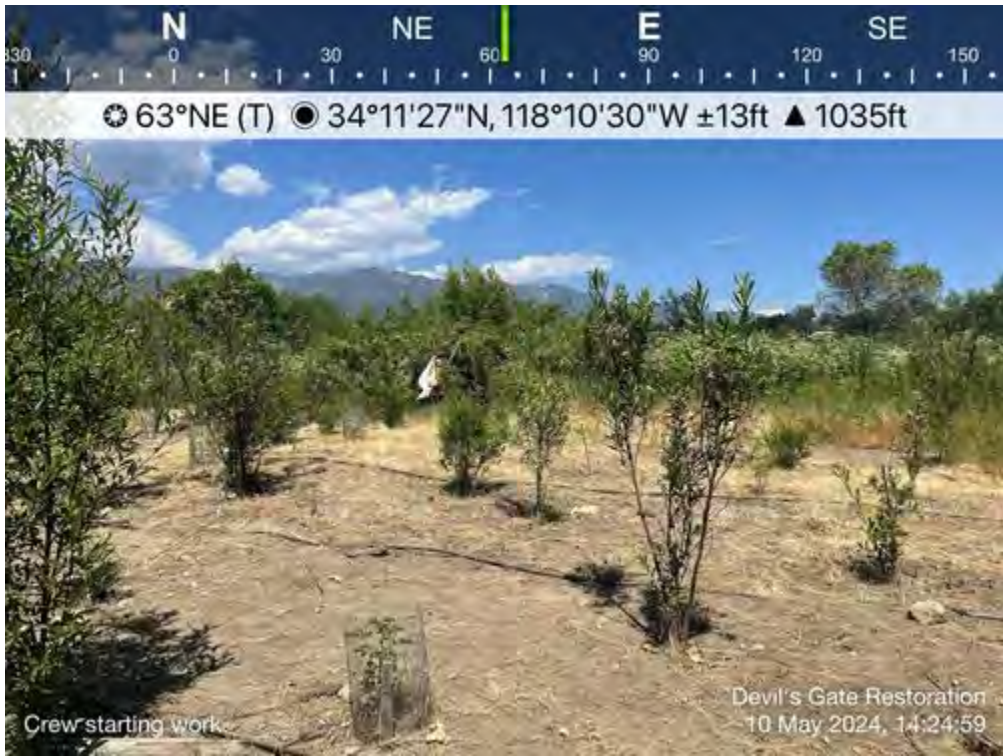
DG-4A_prior_to_work_facing_South.jpg



Crew_starting_work_facing_East.jpg



Crew_starting_work_facing_East.jpg



Crew_starting_work_facing_East.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	60 %
End of Day	14:00	78 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal within DG-4 and DG-W-2
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of ten plus Juan

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Black-headed grosbeak, California quail, California scrub jay, European starling, Song sparrow, Spotted towhee, Acorn woodpecker, Cassin's kingbird, California towhee, Blue-grey gnatcatcher, Bewick's wren, Nuttall's woodpecker, Northern mockingbird, Bushtit, Ash-throated flycatcher, Lesser goldfinch, Anna's hummingbird, Common raven, Killdeer, Northern rough-winged swallow, House wren, Yellow warbler, House finch, Bewick's wren, Red-tailed hawk, Orange-crowned warbler, Wrentit, Mourning dove, California thrasher, American crow, Cliff swallow, White-throated swift, American coot, Mallard, Black phoebe
Mammals: Audubon's cottontail, Beechey ground squirrel, Fox squirrel, Pocket gopher
Herps: Western fence lizard, Side-blotched lizard, Coastal whiptail, Western toad

Did You Observe any Non-Compliance Issues? Yes No

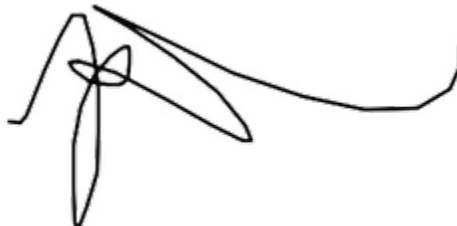
Log Entry

0630: ICF Biologist Cole Sutter arrived on site.
0800: Discovered a new California scrub-jay nest, CASJ-07. The nest is currently being built.
0830: Biologist walked over to east site to survey for any new nests or weed concerns.
1000: Returned to west side.
1145: Crew broke for lunch.
1230: Discovered irrigation leak and notified Natures Image.

Additional Comments

N/A

Signature





Weeded_vs_unweeded_area_DG-4.jpg
-118.17380752777778 34.19313636111111



Unweeded_area_DG-4.jpg
-118.17353243611112 34.19297886111111



Newly_weeded_area_DG-4.jpg
-118.1735281277779 34.19297336111111



Irrigation_leak_DG-W-2.jpg
-118.17462861111112 34.19238029444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:16	60 °F	0-3 MPH	100 %
End of Day	14:50	73 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: WEBL, EUST, ECDO, MODO, CAQU, NOMO, BEWR, RCPA, CEWA, SPTO, CASJ, NUWO, CATH, CALT, BHGR, ACWO, CAKI, WEWP, CORA, SOSP, BUSH, HOFI, LEGO, YEWA, ANHU, CLSW, BLPH, BGGN, COYE, WTSW, WEFL, OCWA, KILL, NRWS, MALL, DEJU, CANG, BARS, RSHA, HAFL, ALHU, COHA, WREN, HOWR, AMCR, WAVI, AMRO

Amphibians: NA

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrive on site. Work today will consist of non-native weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the project while the rest focus on the west work area by the Nature's Image staging area.

0900: Crew takes a break.

0915: Crew resumes work in mining pit work area.

1030: Bewick's wren activity at nest still being observed at east side dumpster. Informed Juan.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weed_removal_near_DG-4_facingWest.jpg
-118.17343561111112 34.19309413888889



Work_by_Acorn_woodpecker_nest_buffer_facingNorth.jpg
-118.17381484722223 34.193107194444444



COHA_incubation_facingEast.jpg
-118.17173968611111 34.189962341666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	08:25	54 °F	0-3 MPH	100 %
End of Day	15:00	75 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative vegetation in restoration area.
2. Hand tools (five hoes, three shovels, one rake) and two weed whackers.
3. Genaro Vargas (Nature's Image foreman) and five additional Natures Image workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQA, SPTO, CALT, LEGO, AMCR, BHGR, COYE, SOSPO, AMRO, BEWR, BUSH, CASJ, ANHU, MODO, CATH, KILL, HOFI, MALL, WTSW, RSHA, WEKI, NOMO, WREN, ACWO, CLSW, Western fence lizard, Western side-blotched lizard, Coastal whiptail (34.191237, -118.175403), Desert cottontail, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Arrived on site and talked with Nature's Image foreman, Genaro Vargas, about the plan for the day. Genaro showed me the work location in DG-4A, approximately 600 feet south of the southeast corner of the Nature's Image yard. Began sweep of work area.

0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work.

0655: Crew of six Nature's image workers beginning work. Pulling nonnative vegetation from DG-4A. Crew using hand tools including shovels, rakes, and hoes. The crew also using two weed whackers.

0837: Crew going on break.

0900: Crew resuming work in DG-4A removing non-native vegetation.

1052: Crew taking lunch.

1200: Crew resuming work in DG-4A removing non-native vegetation.

1340: Crew taking break.

1405: Crew resuming work in DG-4A, beginning to rake up areas of nonnative vegetation that were cut using the weed whacker.

1430: Crew beginning to haul out nonnative vegetation.

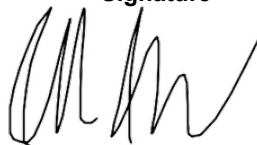
1455: Crew done working in the restoration area for the day.

1500: Leaving site.

Additional Comments

N/A

Signature





05-13-24_Nature's_Image_crew_removing_nonnatives.jpg
-118.17509026388889 34.19081135



05-14-24_Natures_Image_crew_removing_nonnative_vegetation.jpg
-118.17517306388889 34.190728



05-13-24_Natures_Image_crew_removing_nonnative_vegetation.jpg
-118.17503290833334 34.19063020555555



05-13-24_raking_up_weed_whacking_debris.jpg
-118.17515389722223 34.19063720833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	53 °F	0-3 MPH	100 %
End of Day	14:35	75 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal within the southeast corner of the 5.2-acre polygon located on the west side of the Arroyo Seco.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, SPTO, CAQU, CATH, BEWR, HOWR, ACWO, NUWO, CALT, BUSH, BHGR, CASJ, HOFI, ANHU, ALHU, RTHA, TUVU, NRWS

Reptiles: Western fence lizards, Gopher snake

Mammals: Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: tailgate and field prep.

0650: Crew removing weeds, mostly poison hemlock, from the southwest corner of the 5.2 acre polygon located on the west side of Arroyo Seco..

0900: Crew takes a break.

0915: Crew back to work removing invasive weeds at the same location.

1200: Crew breaks for lunch.

1230: Crew returns to work removing invasive vegetation at the same location.

1430: Crew stops work for the day.

Additional Comments

N/A

Signature





invasive_weed_removal_facingNortheast.jpg
-118.17397095277778 34.1924825



Conditions_at_start_of_day_facingSouthwest.jpg
-118.17392154722222 34.19252108333333



Invasive_vegetation_removal_facingSouthwest.jpg
-118.17356744444444 34.192378516666665



Invasive_vegetation_removal_facingNorth.jpg
-118.17379137777779 34.19239594444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: May 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	52 °F	0-3 MPH	100 %
End of Day	14:35	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative vegetation in restoration area.
2. Hand tools (five hoes, three shovels, three rakes) and two weed whackers.
3. Genaro Vargas (Nature's Image foreman) and eight additional Natures Image workers.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQA, SPTO, CALT, LEGO, AMCR, BHGR, COYE, SOSP, BEWR, BUSH, CASJ, ANHU, MODO, KILL, YEWA, HOFI, MALL, WTSW, WEKI, NOMO, ACWO, AMCO, CANG, CLSW, RTHA, BARS, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Alligator lizard, Gopher snake, Southern pacific rattlesnake, Western toad, Desert cottontail, Coyote, and California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Nature's Image arrived on site. Talked with foreman, Genaro Vargas, about the plan for the day, they will continue work in the same area as yesterday, near DG-4A, approximately 700 feet south of the southeast corner of the Nature's Image yard. Began sweep of work area.

0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work.

0705: Crew of nine Nature's Image workers beginning work. Pulling nonnative vegetation from DG-4A. Crew using hand tools including shovels, rakes, and hoes. Crew is also using two weed whackers. Genaro told me that two crew member will be working on irrigation throughout the day.

0835: Crew going on break. Heard and observed one yellow warbler in willow patch east of the restoration are on the western bank of the wash (34.190573, -118.174393).

0900: Crew resuming work in DG-4A removing non-native vegetation.

1000: Checked nest status for a blue-gray gnatcatcher(BGGN) nest, BGGN-02, nest appears to have fledged. No BGGN observed in area and no nest was observed at the previously documented location. Since the previous nest status was feeding chicks, it is likely the nest fledged.

1050: Crew taking lunch.

1205: Crew resuming work in DG-4A removing non-native vegetation.

1340: Crew taking break.

1400: Crew resuming work in DG-4A.

1430: Crew done working in the restoration area, beginning to haul out nonnative vegetation and equipment.

1435: Leaving site.

Additional Comments

N/A

Signature

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

05-14-24 Natures_Image_using_a_weed_whacker
-118.17490190833334 34.19089572222216



05-14-24_Natures_Image_crew_removing_nonnatives_by_hand.jpg
-118.17498098888889 34.19060124999999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	54 °F	0-3 MPH	100 %
End of Day	14:52	67 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LEGO, BHGR, BEWR, CASJ, CAKI, MODO, RCPA, SPTO, NUWO, CATH, SOSP, YEWA, CAQU, ANHU, WEBL, BUSH, MALL, CANG, WEF, ALHU, HOFI, WREN, ACWO, BGGN, NRWS, WTSW, CALT, TUVU, WAVI, WEWP, BLPH, COHA, CLSW, CORA, AMCR, RUDU, HUVI, KILL, ATFL, RTHA

Amphibians: NA

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of nonnative weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the Project while the rest focus on the west work area by the Nature's Image staging area. The two workers will shut off irrigation on the east side following lunch.

0900: Crew takes a break.

0915: Crew resumes work in mining pit work area and greater DG-4 area.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1300: Found three different nests today (towhee, bushtit, and Hutton's Vireo). Informed Juan of the new buffers and avoidance areas.

1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weed_removal_DG-4_facingNorth.jpg
-118.17373736111112 34.19251158333333



Hemlock_removal_DG-4_facingNorthwest.jpg
-118.17369220277779 34.19273068055555



Post-weed_removal_DG-4_facingSouth.jpg
-118.17372739722222 34.192943611111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:33	67 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools, weed whackers
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, CAQU, COYE, CALT, BHGR, LEGO, BEWR, BLPH, CASJ, KILL, ANHU, SOSPO, WREN, BUSH, CATH, CANG, YEWA, AMRO, HOFI, WTSW, RCPA, WCSP, California ground squirrel, Desert cottontail, MODO, BGGN, ACWO, AMCR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Checked in with Genaro. Started nesting bird survey in DG-4A (34.190620°N 118.174969°W).
0700: No nesting behavior observed in work area. Crew approved to start work. Monitored wildlife activity.
0725-0825: Observed bushtit (BUSH) nest, BUSH-16. No BUSH observed in the area. Updated nest point as inactive and removed flagging.
0855-0955 Observed California scrub-jay and California towhee nest, CASJ-6 and CALT-1. Both nests still active. Updated points in field map.
1045-1145: Crew's lunch break.
1145: Continued monitoring wildlife activity.
1320-1350: Crew's afternoon break.
1420: Crew finished pulling weeds. Started cleaning up for the day. Headed back to the car.
1435: Left site.

Additional Comments

N/A

Signature





20240515_work_area_before_facingSoutheast.jpg
-118.17505504166667 34.19066177777778



20240515_work_area_end_of_day_facingSoutheast.jpg
-118.17502780555556 34.190778861111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:38	55 °F	0-3 MPH	100 %
End of Day	14:45	71 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: HOFI, SPTO, CAKI, NUWO, BHGR, CAQU, MODO, SOSP, BUSH, BEWR, CALT, ACWO, CASJ, WEWP, BGGN, WEFL, RCPA, CORA, CANG, LEGO, ALHU, CLSW, BARS, NRWS, WEBL, WIWA, ATFL, CATH, ANHU, WETA, RSHA, MALL, BLPH, COYE, WTSW

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of nonnative weed removals within DG-4 and DG-W-2 ("mining pit"). Work is focused especially on the east perimeter of the work area near "DG-4 WOUS." Two workers manage the irrigation on the east side of the Project while the rest focus on the west work area by the Nature's Image staging area. The two workers will shut off irrigation on the east side following lunch.

0830: Inspected new dumpster that was staged near the south side of the east site by the LADPW dredge staging area. It was apparently brought yesterday afternoon. Gothic will start on the east side next week for weed removals and will use the new dumpster for trash disposal.

0900: Crew takes a break.

0915: Crew resumes work in mining pit work area and greater DG-4 area.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1245: Juan heads to the east side to plug holes in the new dumpster to prevent nesting from occurring.

1450: Gothic crew finishes work for the day and demobilizes. They will not be working tomorrow on Friday (5/17) due to a safety training they need to attend in Las Vegas.

Additional Comments

N/A

Signature





Hemlock_removal_DG-W-2_facingWest.jpg
-118.17375394444444 34.19293051388888



Weed_clearance_DG-W-2_facingWest.jpg
-118.17385848611111 34.19290411111105



New_dumpster_DG-2_facingSouth.jpg
-118.17271704722222 34.18825022222216



Weeding_progress_DG-W-2_facingWest.jpg
-118.17399301111112 34.19275425

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	54 °F	0-3 MPH	100 %
End of Day	14:35	73 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools, weed wackers
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, COYE, BEWR, SOSP, KILL, HOFI, YEWA, BHGR, AMRO, CALT, AMCR, SPTO, NOMO, ANHU, BUSH, CAQU, Desert cottontail, MODO, California ground squirrel, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Checked in with Genaro. Started nesting bird survey in DG-4A.

0700: No nesting behavior observed in the area. Cleared crew to start work. Monitored wildlife activity.

1045-1145: Crew's lunch break.

1145: Continued to monitor wildlife activity.

1420: Crew finished weeding for the day. Started cleaning up. Sent update to project manager and tomorrow's monitor.

1435: Left site.

Additional Comments

N/A

Signature





20240516_work_area_before_facingSoutheast.jpg
-118.17487207222223 34.19057876944444



20240516_work_area_end_of_day_facingNortheast.jpg
-118.17482734444445 34.190362824999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: May 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:29	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed removal.
2. Hand tools
3. Eight, Nature's Image ,Genero (foreman).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, BUSH, AMCR, CATH, CAKI, SOSP, HOFI, ACWO, BHGR, SPTO, Amazonia sp., NRWS, AMCO, KILL, MALL, CASJ, CAQU, WREN, WTSW, MODO, ANHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0629: Crew began arriving.
0645: Genero took me to the work area.
0715: Crew clear to start work.
0720: Crew continued weeding in two spots. Same area of DG-4A and DG-4 as yesterday.
0745: Crew member found dead rabbit and a point was taken.
0800: Tatiana started checking irrigation.
0848: Crew left for first break.
0917: Crew began returning from break and resuming weeding.
0950: Went with Tatiana to open valve near recently inactive bushtit nest.
1010: Some crew began taking full tarps to dumpster. While the rest continued to weed.
1045: Crew broke for lunch.
1100: Saw adult California kingbird with possibly three fledgling displaying feeding behavior to be fed by adult. Birds observed perched on power line by parking lot.
1140: Crew returned from lunch.
1150: Some crew continued to take full tarps to dumpster while the rest continued to weed.
1200: Crew finished both areas. Focusing on packing out removed weeds before moving to third area. Tatiana went to work on irrigation on the east side.
1215: Finished clearing third area for crew to start in.
1223: Linda went to clear path to third area.
1322: Crew broke for second break.
1350: Crew started returning from second break.
1355: Crew resumed taking full tarps to dumpster.
1415: Crew took the last tarp for the day and began bringing everything back to the shipping container.
1430: Crew leaving for the day.

Additional Comments

N/A

Signature

Daniel Jacques



area_1_before_facingEast.jpg
-118.17506 34.19084277777775



area_1_during_facingEast.jpg
-118.1750588888889 34.1909608333333



area_1_after_facingEast.jpg
-118.17515083333333 34.19084777777776



clearing_path_facingSouthwest.jpg
-118.17519 34.190638888888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:45	69 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Gothic crew removing invasive nonnative weeds along east side of Arroyo Seco. Located on southwest corner of restoration area along bank of the Arroyo Seco.
2. Crew using hand tools
3. Gothic crew comprised of ten guys plus foreman Juan.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CAQU, CALT, NOMO, CLSW, TUVU, CASJ, BUSH, WREN, CALT, SPTO, ANHU, BLPH, SAPH, CAKI, ACWO, NUWO, BEWR, NRSW, CANG, RSHA, MALL, BARS, WTSW, AMCO, BHGR, YEWA, CORA, KILL, OCWA

Mammals: Desert cottontail

Reptiles: California toad, Western fence lizard,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Biologist arrived.

0700- Gothic arrived.

0715- Gothic crew removing invasive weeds on east side of Arroyo Seco, southwest corner of restoration area.

0900- Crew on brief break.

0915- Crew returning to removal of invasive weeds at the same location.

1200- Crew on lunch break.

1230- Crew returning to removal of invasive weeds at the same location.

1430- Crew wrapping up field activities for the day.

1445- Biologist leaving site.

Additional Comments

N/A

Signature





Invasive_weed_removal_facingNorth.jpg
-118.17318966666667 34.18819391666666



Invasive_weed_removal_facingNortheast.jpg
-118.17343594444445 34.18836275833333



Progress_Invasive_weed_removal_facingNortheast.jpg
-118.17339155555555 34.18843506388889



Invasive_vegetation_removal_FacingSouthwest.jpg
-118.17262516666668 34.18957067777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: May 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:18	53 °F	0-3 MPH	100 %
End of Day	14:30	69 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing
2. Hoes, shovels
3. Natures Image (Genaro Vargas foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, SOSP, BUSH, SPTO, NUWO, CALT, BEWR, CAQU, MODO, CANG, RCPA, Cottontail, CORA, ALHU, MALL, BHGR, BGGN, California ground squirrel, BLPH, LEGO, BARS

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0618: Arrived onsite.

0630: Genaro Vargas (Natures Image foreman) shows me work area for the day. Crew is working in DG-4 approximately 34.190621°N 118.175212°W. Area marked as potential least Bell's vireo (LBVI) territory' on map.

0655: No LBVI heard singing or seen in area. I cleared the area for the crew.

0700: Crew starts working. Pulling mostly poison hemlock.

0749: Crew pauses for drizzle to stop.

0755: Genaro Vargas leaves site. Returns at

0812-0905: Drizzle stopped. Marine layer present with very slight mist. The crew still paused.

1026: Crew returns to work.

1047: Crew breaks for lunch.

1140: Crew returns from lunch.

1318: Crew goes to break.

1351: Crew returns from break.

1400: East side crew leaves for the day.

1414: Crew starts cleaning up for the day.

1430: Left site.

Additional Comments

East side crew assisting.

Signature





Work_area_facingSouthwest.jpg



During_facingSouthwest.jpg



During2_facingNortheast.jpg



End_of_day_facingSoutheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Verity Richardson
Company: ECORP
Date of Log: May 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	59 °F	0-3 MPH	100 %
End of Day	14:33	73 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Removing nonnative vegetation (HIRINC, poison hemlock, radish, Italian thistle, BROMAD, scarlet pimpernel) from DG-4A by hand and using hand tools. Genaro (Natures Image) with eight crew (two on irrigation), and Alberto (Perris) with three crew members (total 13 crew).

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, SPTO, WTSW, CAQU, SOSPO, COYE, NOMO, CASJ, AMRO, CANG, DEJU, HOFI, LEGO, AMCR, ACWO, BUSH, CATH, NUWO, BEWR, BGGN, WREN, BHGR, MODO, ANHU, CORA, KILL, YEWA, CORA, California ground squirrel, Coyote, Cottontail, Side-blotched lizard, Western fence lizard, Western toad, Mourning cloak butterfly, Cabbage white butterfly, Western swallowtail, Western honey bee, Lorquin's admiral

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met with Genaro - showed me area of site that the crew intends to work today.

0640: Conducted pre-works check for nesting bird activity in intended works area.

0710: Crew arrived on site.

0805: Observed new bushtit nest (BUSH_17) feeding young.

0830: Crew took a break.

0835: Heard and then observed yellow warbler perched on a willow branch.

0905: Crew resumed.

1045: Crew break for lunch.

1205: Crew returns from lunch.

1325: Crew break.

1350: Crew returns to work.

1415: Packing up site for the day - taking removed vegetation to the dumpsters. Biologist completed log.

1430: End of monitoring.

Additional Comments

N/A

Signature





052124_facingSouth_during_vegetation_removal.JPG
-118.1757472222223 34.1901777777778



052124_facingNorth_after_vegetatino_removal.JPG
-118.1757944444445 34.1900555555555



052124_after_vegetation_removal_facingSouth.JPG
-118.1757638888889 34.1901888888888



052124_crew_removing_nonnative_vegetation_facingEast.JPG
-118.1756222222223 34.1902999999999

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	90 %
End of Day	15:00	75 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) abd hand pulling
3. Gothic Landscape crew of ten plus crew lead Juan

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Mallard, Northern Rough-winged Swallow, Red-crowned Parrot, Yellow Warbler, Black-headed Grosbeak, Spotted Towhee, California Towhee, California Scrub Jay, Bewick's Wren, Song Sparrow, Anna's Hummingbird, Allen's Hummingbird, Wrenit, Lesser Goldfinch, Nuttall's Woodpecker, Bushtit, Northern Mockingbird, House Wren, Killdeer, Blue-gray Gnatcagcher, California Quail, Common Raven, Cooper's Hawk, Red-tailed Hawk, Orange-crowned Warbler, Oak Titmouse, California Thrasher, Ruddy Duck, American Coot, Cliff Swallow, Bufflehead, Turkey Vulture, Pacific-slope/Western Flycatcher, Red-shouldered Hawk
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Fence Lizard, Western Toad, Side-blotched Lizard,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0830: Crew moved from slopes to DG-3A.

0930: Walked DG-2 and Johnson Field to assess potential problem areas and search for new nests.

1030: Confirmed continued activity of Bewick's wren nest in bin.

1200: Crew broke for lunch.

1230: Crew moved to the south end of DG-2.

Additional Comments

Numerous toadlets/recent metamorphs of the Western toad were observed around DG-3A, tens of thousands of soon to be metamorphs are visible in the side drainage near DG-3A. A mass metamorph event is likely within the next 1-2 weeks.

Signature





Crew-weeding-slopes.jpg
-118.17285973611112 34.18936158333333



Crew-weeding-below-DG3A.jpg
-118.17359326388889 34.18577576111111



Male-Ruddy-Duck.JPG



Western-Toadlet.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	53 °F	0-3 MPH	100 %
End of Day	14:50	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: YEWA, SPTO, BEWR, CALT, MALL, AMCO, SOSP, AMCR, CASJ, KILL, WEFL, WTSW, NRWS, CLSW, WREN, BUSH, BHGR, LEGO, BGGN, ANHU, HOOR, CANG, ALHU, ECDO, HOFI, RUDU, BARS, TUVU, NUWO, WEWP, HUVI, OATI, RSHA, RTHA, BLPH, CAQU, COHA, HOWR, MODO, CAKI, AMRO, NOMO, CORA, ATFL, CATH

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of non-native weed removals within DG-2 and DG-2B on the east side of the basin. Targeted species mainly include poison hemlock, scarlet pimpernel, and mustard grasses.

0810: Observed a yellow warbler building nest on edge of willow thicket by western portion of basin adjacent to the sandy wash. Updated nest point in field maps.

0900: Crew takes a break.

0915: Crew resumes work along the east side gradually working northward and along the west-facing slopes.

1000: Located a yellow warbler nest on the west side of the basin in a willow thicket by the water's edge. Marked the map in Field Maps, informed ICF staff and Lauren Simpson of ECORP. Marked 100 ft avoidance buffer.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





DG-2_weed_removal_facingSouth.jpg
-118.17219110555556 34.189625730555555



Song_sparrow_nest_DG-2_facingSouth.jpg
-118.17201444444444 34.189977416666665



Incubating_Coopers_hawk_nest_facingEast.jpg
-118.17172642222222 34.18994262499999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:43	53 °F	0-3 MPH	100 %
End of Day	14:16	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration (Weeding).
2. Manual hand pulling, hand tools.
3. Genaro (Nature's Image foreman).

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Leaf hopper, Western honeybee, Carpenter bee, Cabbage white, Swallowtail sp., Vanessa sp. Western fence lizard, Common side-blotch, Coastal whiptail, BEWR, SOSP, AMRO, BHGR, AMCR, ECDO, SPTO, CALT, LEGO, BUSH, ACWO, HOFI, CASJ, CANG, MODO, CAQU, BARS, CORA, ANHU, CAKI, NUWO, RSHA, CAQU, KILL, Amazonia sp., WTSW, MALL, YEWA, NOFL, CATH, COHA, California ground squirrel, Peromyscus sp., Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0627- Arrived on site.

0630- Went to check planned work area (DG-4A near the trail.)

0705- Crew started work in DG-4A. They are removing mustard, hemlock, *Bromus* spp., Italian thistle, Erodium, and pepperweed.

0757- Heard a yellow warbler vocalizing south of the work area in DG-4A.

0837- Crew stopped for a break.

0905- Crew resumed work after break.

1045- Crew stopped for lunch.

1200- Crew resumed work after lunch.

1306- Observed a single Coastal whiptail in the work area.

1320- Crew stopped for a break.

1345- Crew resumed work after break.

1415- Crew is finished for the day.

Additional Comments

N/A

Signature





DG-4A_prior_to_work_starting_Southwest.jpg



Crew_starting_work_facing_NW.jpg



Crew_working_facing_South.jpg



Crew_finished_for_the_day_facing_Southwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:30	70 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removal of invasive weeds on east side Arroyo Seco. Located near the northwest corner of restoration site in DG-2.
2. Hand tools.
3. Contractor is Gothic, and today's crew includes ten men plus foreman Juan.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, YEWA, OCWA, SPTO, WREN, LEGO, NOMO, BLPH, CANG, CLSW, WTSW, SOSP, BGGN, CATH, OATI, ACWO, NUWO, KILL, MALL, TUVU, CORA, HOWR, BEWR, BNST, BARS, BHGR, CASJ, CAQU, BUSH
Mammals: Desert cottontail, California ground squirrel
Reptiles: California toad, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Gothic and biologist onsite.
0640- Crew initiating today's activities. Crew is working on east side of Arroyo Seco in DG-2 near the northwest corner of the restoration site. Crew is removing non-native, invasive weeds.
0900- Crew on break
0915- Crew returning to same area to remove invasive weeds.
1200- Crew on lunch break.
1230- Crew returning to the task of removing invasive weeds. Now working along northeast corner of the restoration area, adjacent to maintenance road/public trail.
1445- Crew done for the day and biologist leaving site.

Additional Comments

N/A

Signature





Removing_invasive_weeds_facingNorth.jpg
-118.17235172222223 34.19122347222222



Gothic_using_hand_tools.jpg
-118.17211660555556 34.19078105555554



Gothic_performing_nonnative_removal_with_hand_tools.jpg
-118.17245618888889 34.191211519444444



Crew_disposing_removed_weeds_facingSouthwest.jpg
-118.17252544444445 34.18814840555555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	52 °F	0-3 MPH	100 %
End of Day	14:25	70 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools, weed wackers
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BGGN, SOSF, BUSH, SPTO, BEWR, HOFI, CALT, BHGR, ANHU, AMRO, LEGO, CASJ, California ground squirrel, NUWO, Western fence lizard, BLPH, RSHA, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.190031°N 118.175795°W).

0700: No nesting behavior observed in the area. Cleared the crew to start work. Monitored wildlife activity.

1045-1200: Crew's lunch.

1200: Continued monitoring wildlife activity.

1415: Crew finished weeding, started cleanup. Walked back to the car. Updated the next day's monitor.

1425: Left site.

Additional Comments

N/A

Signature





20240523_work_area_before_facingWest.jpg
-118.17583616666667 34.19000366666666



20240523_work_area_end_of_day1_facingWest.jpg
-118.17587026111111 34.19002140555555



20240523_work_area_end_of_day2_facingSouth.jpg
-118.17575147222223 34.19016365277778



20240523_work_area_end_of_day_facingEast.jpg
-118.17579291666667 34.189982683333334

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:42	53 °F	0-3 MPH	100 %
End of Day	14:13	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation Removal/Weeding
2. Hand tools and hand pulling
3. Genaro (Nature's Image foreman)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Cabbage white, Common side-blotch, Southern alligator lizard, NUWO, MODO, BUSH, CALT, SOSP, BEWR, AMRO, KILL, HOFI, SPTO, ANHU, BHGR, PSFL, CAKI, BGGN, Amazonia sp., WREN, YEWA, LEGO, CASJ, WTSW, CAQU, ACWO, EUST, ECDO, RTHA, ATFL, AMCR, TRSW, CANG, CATH, TUVU, RSHA, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- Arrived on Site. Went to go clear planned work area (DG-4A). The crew is having a small meeting prior to work starting.

0718- The crew started work. They are removing pepperweed, wild radish, hemlock, curly dock, and mustard.

0727- Heard a yellow warbler vocalizing in the work area.

0747- The crew stopped for a little while due to poor weather conditions. Will start up again in a little bit.

1100- The crew stopped for lunch. They will resume work at 1130. The weather is starting to clear up.

1130- The crew restarted work after lunch. The weather seems to have cleared up for now.

1329- The crew stopped for a break.

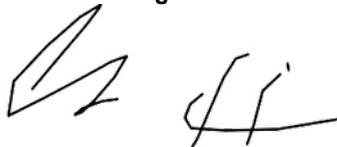
1350- The crew resumed work after the break.

1412- The crew finished for the day.

Additional Comments

N/A

Signature





DG-4A_prior_to_work_starting_facing_South.jpg



Crew_starting_work_facing_Southeast.jpg



Crew_working_facing_Southeast.jpg



Crew_finished_work_for_the_day_facing_Southeast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:04	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes and three prong cultivators.
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, BHGB, BUSH, BEWR, SOSP, DEJU, COHA, SPTO, YEWA, LEGO, HOFI, WEFL, WREN, ANHU, CAQU, CASJ, AMCR, AMCO, KILL, MALL, NRWS, WTSW, GWTE, CLSW, BARS, BNST, BLPH, BGGN, BUFF, CATH, RTHA, CAKI

Mammals: California ground squirrel, Desert rabbit

Amphibians: Western toad

Invertebrates: Asian lady beetle, Uroleucron (aphid)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew heads to where Johnson Field meets DG-2 along east trail working west along the edge. Then moving south into DG-2. The biologist monitors surrounding work area for any wildlife.

0815: Vegetation removed mainly consist of poison hemlock.

0825: Biologist observes bushtit going into nest.

0845: Biologist observes Cooper's hawk in its nest.

0900: Crew takes break.

0915: Crew heads to work in DG-1 working north to reduce how wet they were getting from the plants. There has been a steady sprinkle all day.

1200: Crew takes lunch.

1230: Crew returns to work in DG-1

1245: Biologist observes Bewick's wren bring food to its nest to feed chicks. No longer raining.

1339: Crew heads out for the day.

Additional Comments

N/A

Signature





DG_2_vegetation_removed.jpg
-118.17157536111111 34.1905079



Near_DG-3B_mallard_chicks&parents_at_waters_edge.jpg
-118.17352586944445 34.18779798055555



DG3A_planting_update.jpg
-118.17340880555557 34.18639663888889



DG3A_oak_planting_update.jpg
-118.17347523055557 34.18617585

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:32	54 °F	0-3 MPH	100 %
End of Day	14:45	76 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (nine people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, BEWR, BHGR, BEWR, SOSP, CASJ, ACWO, HOFI, SPTO, ANHU, ALHU, MODO, LEGO, HOWR, NUWO, BGGN, COHA, RCPA, BUSH, ATFL, WEFL, BARS, NRWS, CLSW, CORA, WAVI, DEJU, ECDO, CAQU, WTSW, SAPH, EUST, NOMO, RTHA, PHAI, YEWA, TUVU, WREN, CANG, AMCO, RUDU, WETA, WEBL, HOOR, CAKI, SBMU, KILL, AMCR, BLPH, PBGR

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrived on site. Work today will consist of nonnative weed removals within DG-1 on the east side of the basin following the main road heading north towards the project limits. Targeted species mainly include poison hemlock, nonnative grasses, and *Lepidium* sp.

0700: Monitored a Bewick's wren (BEWR) nest, BEWR_06. BEWR_06 at the old dumpster is still active. Adult seen bringing food into cavity to presumably feed chicks.

0900: Crew takes a break.

0915: Crew resumes work along the east side gradually moving north along DG-1.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area. Disposed of collected weeds in far south dumpster by DG-3.

1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





BEWR_nest_dumpster_JohnsonField_facingNortheast.jpg
-118.1716925277778 34.19220447222215



Removed_weeds_DG-1_facingSouth.jpg
-118.16968728611111 34.19505447222222



Weed_removal_DG-1_facingNorth.jpg
-118.16943079166667 34.19530747222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: May 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	57 °F	0-3 MPH	100 %
End of Day	14:30	76 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal
2. Shovels, hoes
3. Natures Image (Genaro Vargas - foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CASJ, CAQU, Cotton tail, SPTO, SOSP, HOFI, RCPA, WREN, BUSH, ALHU, BARS, BGGN, Western toad, CORA, BHGR, AMCR, MODO, BEWR, Western fence lizard, Western whiptail, AMKE, YBCH, ATFL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0610: Arrived onsite.

0630: G. Vargas shows me the work area for the day. The crew is working in mitigation area DG-4A, approximately 34.189860 N 118.175775 W 0649 I finished clearing area.

0702: The crew starts working, pulling mainly poison hemlock.

0847: The crew heads to break.

0916: The crew returns from break.

1007: The crew member finds rattlesnake, crew member started working away from area, hazard marked in Fieldmaps.

1046: The crew breaks for lunch

1136: The crew continues working.

1317: The crew breaks.

1347: The crew returns from break.

1418: The crew starts cleaning up for the day.

1430: The crew left site.

Additional Comments

N/A

Signature





WorkArea_after_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: May 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	14:19	72 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal
2. Hand tools, manual pulling
3. Genaro (Nature's Image foreman)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Earwig, Western honeybee, Swallowtail sp., Cabbage white, Mourning cloak, Vanessa sp., Carpenter bee Southern alligator lizard, Coastal whiptail, Common side-blotched, MODO, ECDO, YEWA, CAQU, AMRO, BEWR, SOSP, CALT, Amazonia sp., BHGR, BUSH, SPTO, NUWO, WTSW, BGGN, ANHU, COHA, LEGO, HOFI, RSHA, AMCR, CORA, KILL, MALL, BARS, TRSW, CAKI, CASJ, RTHA, ACWO, Desert cottontail, California ground squirrel, Rodentia sp. (carcass)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- Arrived on site. Went to go check on planned work area (DG-4A).

0645- Heard a yellow warbler vocalizing in DG-4A.

0707- Crew started work in DG-4A. They are removing mustard, pepperweed, hemlock, wild radish, nettle, and *Bromus* spp.

0846- Crew stopped for a break.

0915- Crew resumed work after break.

1047- Crew stopped for lunch.

1140- Crew resumed work after lunch.

1318- Crew stopped for a break.

1346- Crew resumed work after break.

1420- Crew finished for the day.

Additional Comments

N/A

Signature





Planned_work_area_prior_to_work_starting_facing_South.jpg



Crew_starting_work_facing_Southwest.jpg



Crew_working_facing_South.jpg



Crew_finishing_for_the_day_facing_South.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:54	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive plant removal and disposal.
2. Equipment includes hand tools such as hoe and shovel.
3. Restoration contractor today is called Gothic. Gothic crew consists of ten men plus the foreman, Juan.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: HOOR, WREN, NUWO, ACWO, SPTO, BUSH, YEWA, HOFI, CALT, LEGO, BHGR, BEWR, SOSP, HOWR, NRWS, CLSW, WTSW, ANHU, CASJ, BLPH, CAQU, BGGN, ALHU, RTHA, TUVU, AMCR, CORA, BARS, OCWA
Mammals: Desert cottontail, California ground squirrel
Reptiles: California toad, Great basin fence lizard, San Diegan tiger whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- Biologist arrived.
0630- Contractor, Gothic, arrived and conducted brief tailgate meeting while mobilizing for today's activities.
0645- Crew started removing nonnative invasive weeds along the north end of the restoration area DG-2, located on east side of Arroyo Seco.
0900- Crew on break.
0915- Crew back to work removing invasive weeds along the north end of restoration site.
1200- Crew on lunch break.
1230- Crew back to work removing invasive weeds along the north end of restoration site.
1445- Crew finished for the day.
1450- Biologist off site.

Additional Comments

N/A

Signature





Invasive_plant_removal_facingSouth.jpg
-118.17151401111111 34.19263511111111



Removal_of_nonnative_weeds_facingSoutheast.jpg
-118.17151104166668 34.19214156666666



Crew_transporting_weeds_for_disposal_facingWest.jpg
-118.17120024444445 34.19159804722222



Crew_removing_invasive_weeds_facingNorthwest.jpg
-118.17146522222222 34.19145809722222

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:43	59 °F	0-3 MPH	100 %
End of Day	14:17	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding/vegetation removal
2. Hand tools, manual pulling
3. Genaro (Nature's Image foreman)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Carpenter bee, Earwig, Darkling beetle, Western tiger swallowtail, Cabbage white, Western honeybee, Mourning cloak, Yellowjacket, Tarantula hawk, Western toad, Western fence lizard, Common side-blotched, YEWA, SOSP, HOFI, AMRO, AMCR, ACWO, SPTO, CALT, ECDO, MODO, WTSW, BEWR, BUSH, CASJ, KILL, LEGO, Amazonia sp., CAQU, WREN, NUWO, BHGR, ATFL, CAKI, MALL, ANHU, COHA, PSFL, CATH, RTHA, RSHA, Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- Arrived on site.

0645- Heard a yellow warbler vocalizing in the distance near planned work area (DG-4A).

0700- Crew started work in DG-4A. They are removing mustard, wild radish, hemlock, curly dock, and nonnative nettle.

0845- Crew stopped for a break.

0920- Crew resumed work after break.

1049- Crew stopped for lunch.

1140- Crew resumed work after lunch.

1318- Crew stopped for a break.

1349- Crew resumed work after break.

1416- Crew is finished for the day.

Additional Comments

N/A

Signature





DG-4A_prior_to_work_starting_facing_South.jpg



Crew_starting_work_facing_Southeast.jpg



Crew_working_facing_East.jpg



Crew_finished_for_the_day_facing_South.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	15:00	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of ten plus crew lead Juan

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California Towhee, California Scrub Jay, Spotted Towhee, Song Sparrow, Black-headed Grosbeak, Blue-grey Gnatcatcher, Lesser Goldfinch, Orange-crowned Warbler, Yellow Warbler, American Crow, Mallard, Canada Goose, Northern Rough-winged Swallow, Killdeer, Wrentit, Anna's Hummingbird, Pacific-slope/Western Flycatcher, Cooper's Hawk, Northern Mockingbird, Phainopepla, California Quail, House Finch, Mourning Dove, Bewick's Wren, Acorn Woodpecker, Black Phoebe, Bushtit, Red-crowned Parrot, California Thrasher, Nuttall's Woodpecker, Common Raven, Cassin's Kingbird,

Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote

Herps: Western Fence Lizard, Western Toad, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: ICF Biologist Cole Sutter arrived on site.

0830: Walked upstream to assess conditions and look for any sensitive species.

1145: Crew broke for lunch All day - Crew weeded within Johnson Field

Additional Comments

Crew anticipating shifting back over to the west side after Friday (5/31) Growth has been incredibly dense across Johnson Field and DG-2, trimming will need to happen at some point in order to maintain footpaths/ability to walk through the site

Signature





white_alder_sapling_growing_upstream.JPG
-118.1682305555557 34.19964722222222



Lichnanthe_scarab_found_in_DG-2.JPG
-118.1723888888889 34.19073611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: May 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	58 °F	0-3 MPH	100 %
End of Day	14:29	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, MODO, CASJ, SPTO, HOFI, BHGR, KILL, SOSPO, BEWR, CALT, LEGO, YEWA, BUSH, ACWO, CATH, NOMO, WREN, Desert cottontail, Western tiger swallowtail, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Genaro. Started nesting bird survey in DG-4A (34.189722°N 118.175817°W).

0700: No nesting behavior observed in the area. Cleared crew to start working. Monitored wildlife activity in the area.

1045-1145: Crew's lunch.

1145: Continued monitoring wildlife activity.

1415: Crew finished weeding for the day, started cleaning up. Walked back to vehicle. Updated monitor for the next day.

1430: Left site.

Additional Comments

N/A

Signature





20240531_work_area_before_facingSouth.jpg
-118.1758247777778 34.1897384722222



20240531_work_area_end_of_day_facingSouthwest.jpg
-118.17572925 34.1899163972222

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:00	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes, three prong/hoe cultivator.
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BEWR, BGGN, SPTO, KILL, AMCR, OCWR, LEGO, WTSW, NRWS, MALL, PBGR, BHGB, SOSP, AMCO, CATH, RUDU, CANG, MODO, ANHU, COHA, BUSH, WEFL, YEWA, HOFI, ACWO, BLPH, HOWR, OATI, ALHU, RCPA, NUWO, CAQU, CORA, CASJ, RSHA

Mammals: California ground squirrel

Reptiles: Western fence lizard, Western whiptail, Side-blotched lizard

Amphibians: Western toad

Invertebrates: Yellow jacket, Honeybee, Carpenter bee, Mourning cloak, Swallowtail, Dragonfly, Uroleucon (aphid), Spiders, Red ants

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0645: Crew begins work in DG-2, working their way south.

0700: American crows foraging near the water's edge.

0704: Nine mallard ducklings observed near the water.

0750: Biologist monitors Anna's hummingbird nest to determine activity.

0900: Cooper's hawk perched in a nearby willow keeping watch. Crew takes a break.

0915: Crew returns to work in DG-2.

0928: Western fence lizard eats spider.

0945: Parts of the walking paths are filling in.

1119: Crotch's bumblebee observed.

1128: Crotch's bumblebee observed.

1200: Crew takes lunch.

1230: Crew returns to work at the southern end of DG-2. Removed vegetation consists of nonnative grasses, black mustard, and poison hemlock.

1350: Crew begins to wrap up work for the day.

Additional Comments

N/A

Signature

Amanda Martin



DG2_vegetation_removed_facingNorth.jpg
-118.17195880555556 34.18978523888889



DG2WOUS_WesternFenceLizard_facingSouth.jpg
-118.1722417888889 34.18995218055555



DG2WOUS_walking_path_facingSouth.jpg
-118.17232236944444 34.19003380555555



DG2_2western_toads_facingEast.jpg
-118.17228691111112 34.1900431

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	63 °F	0-3 MPH	100 %
End of Day	14:39	79 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed removal, Irrigation maintenance.
2. Hand tools
3. Six Nature's Image workers, Genero.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, AMCR, MODO, LEGO, SPTO, BUSH, BEWR, Tree squirrel, MALL, Amazonia sp., SOSPO, YEWA (heard in area), CALT, BARS, HOFI, BEWR, BHGR, ALHU, CLSW, CAQU, NUWO, ANHU, California ground squirrel, KILL, ATFL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Nature's Image crew started arriving. Also, saw Gothic panel truck arrived at shipping container. Tatiana is mainly working on irrigation maintenance.

0635: Genero walked me over to check out work area, about where they left off in DG-4A South of the parking lot. Half of the crew had arrived.

0700: Work area cleared, and crew alerted.

0711: Crew began work. Hummingbird seen chasing away other larger bird.

0815: Crew started periodically taking full tarps from the work area.

0850: Crew left for first break.

0920: Crew returned from first break.

1045: Crew broke for lunch.

1145: Crew returned from lunch, including 20 minutes round trip walking to and from cars.

1200: Genero pointed out cup stick nest in Mulefat. Moved crew about 30 feet away to watch and assess nest for an hour. Some of the crew are actively removing full tarps. Genero and Linda moved to the area they worked in on Friday last week.

1305: I didn't see any birds going to or from the nest to scope it out. Nest is most likely inactive. The crew okayed to go back in the area.

1315: Crew is starting to actively fill tarps to clean up while still weeding.

1325: Crew left for final break.

1350: Crew returned from final break and resumed filling tarps.

1415: Crew wrapping up for the day. They are picking up gear and cleaning up the pulled weeds.

1435: Crew is beginning to leave site.

1440: I left site.

Additional Comments

N/A

Signature

Daniel Jacques



main_work_area_start_facingSouth.jpg
-118.17583888888889 34.18976388888888



main_work_area_during_facingSouth.jpg
-118.17585194444445 34.189791944444444



main_work_area_after_facingSouth.jpg
-118.1758488888889 34.189751944444444



second_area_after_facingNorth.jpg
-118.175875 34.18987083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:47	71 °F	4-6 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Tarps (seven) and hoes (nine).
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BHGB, SOSF, LEGO, MODO, WREN, ANHU, CASJ, SPTO, BEWR, NOMO, HOFI, CATH, ACWO, NRWS, CORA, DEJU, RCPA, CALT, BLPH, CAKI, CAQU, PHAI, AMCR, EUCD, CORA, BUSH

Mammals: Desert cotton tail, California ground squirrel

Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail

Invertebrates: Bumblebee, Honeybee, Aphids, Leafhopper, Red admiral, Cabbage white, Harvester ant, Western tiger swallowtail, Dragonfly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrives on site.

0640: Crew heads to south side of western section in the minning pit (DG-W-2). Two crew members head to the east side to turn on the irrigation for Johnson Field. In two hours, they will go back to check for leaks. At 1300 they will turn it off.

0845: Biologist informs crew lead of nonnative creeping yellowcress as well as native look alike curvepod yellowcress.

0850: Vegetation removed mainly consist of poison hemlock and black mustard.

0900: Crew takes break.

0915: Crew returns to work in DG-W-2. Biologist goes to check on nests to update activity and remove buffers if necessary.

1200: Crew takes lunch.

1230: Crew returns to work in DG-W-2.

1440: Crew wraps up work for the day. Taking last load of removed vegetation to the dumpster and putting away gear.

Additional Comments

N/A

Signature

Amanda Martin



DGW2_vegetation_removed_facingNorth.jpg
-118.1750807777778 34.19282791666666



DGW2_pre_vegetation_removal_facingNorthwest.jpg
-118.17431083333334 34.19270698888889



DGW2_post_vegetation_removal_Northwest.jpg
-118.17426238055556 34.19278047222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:51	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes (four)
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, WREN, CAQU, CASJ, BHGB, ALHU, RCPA, CALT, SOSP, SPTO, BEWR, NRWS, LEGO, HOFI, BLPH, OCWA, DEJU, BUSH, AMCR, BARS, MALL, CANG, AMCO, KILL, BGGN, YEWA, CLSW, HOWR, WTSW, AMRO, ACWO, EUST, CORA, HOSP, HOWR, NOMO, ANHU, CAKI, EUCD, NUWO, RTHA, RSHA, TUVU, HOOR,
Mammals: Desert rabbit, California ground squirrel
Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail
Invertebrates: Carpenter bee, Yellow-faced bumble bee, Aphids, Ladybird beetles, Harvester ants, Honey bee, Mayfly, Red admiral, Hover fly, Cabbage white, Dragon fly, Blow fly, Satyr comma, Western tiger swallowtail, Leaf hopper

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0640: Crew begins work on southwest side of DG-W-2 working along edge. Biologist monitors surrounding work area for wildlife activity.

0750: Biologist monitors nest in dumpster for any activity.

0900: Crew takes break.

0908: Biologist observes two obscure bumblebees and one carpenter bee.

0915: Crew returns to work.

0930: Crew is working their way north and then east in DG-W-2.

1200: Crew takes lunch.

1230: Crew returns to work. Biologist monitors work area for any wildlife activity.

1310: Removed vegetation mainly consists of ~8feet tall poison hemlock and black mustard.

1440: Crew heads out of work area taking last loads of removed vegetation to the dumpster.

Additional Comments

N/A

Signature

Amanda Martinez



DG2W_pre_vegetation_removal_facingNorth.jpg
-118.17473588055556 34.19282174999999



DG2W_post_vegetation_removal_facingNorth.jpg
-118.17461841666668 34.192841761111104



DGW2_vegetation_removed.jpg
-118.17429273055556 34.19282944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alden Lovaas
Company: ECORP
Date of Log: June 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	60 °F	0-3 MPH	100 %
End of Day	14:30	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative vegetation in restoration area.
2. Hand tools (hoes, shovels, rakes).
3. Genaro Vargas (Nature's Image foreman) and six additional Natures Image workers.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQA, SPTO, CALT, LEGO, RCPA, SOSP, BUSH, KILL, AMCR, BHGR, COYE, BEWR, CASJ, ANHU, MODO, YEWA, HOFI, MALL, NOMO, ACWO, CLSW, NUWO, NRWS, BEWR, CATH, Western fence lizard, Western side-blotched lizard, Coastal whiptail, Western toad, Desert cottontail, Coyote, and California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Arrived on site.

0630: Nature's Image arrived on site. Talked with foreman, Genaro Vargas, about the plan for the day, they will continue work in the same area as yesterday (6/3/24), in DG-4. Began sweep of work area.

0650: No new nesting birds observed near their work area. Told Genaro the area is clear and the crew can start work. Began looking for tree canker the monitor yesterday (Daniel Jaques) asked me to take a point for.

0700: Found the tree and one additional tree and took generic points for them. Sent photos to restoration project manager Carley Adams. Flagged both trees with the cankers.

0705: Crew of five Nature's image workers beginning work. Pulling non-native vegetation from DG-4. Crew using hand tools including shovels, rakes, and hoes. Genaro mentioned that two crew members will be working on irrigation throughout the day and one additional person might be late.

0740: Per instruction from Carley Adams, I notified the crew about the possible tree fungal canker. I showed the crew of five workers what the canker looks like, I asked them not to step near trees with these cankers, and ask them to report any cankers that look like this to the biologist.

0755: Heard and observed one yellow warbler south of where the restoration crew is working (34.189551, -118.175969).

0830: Crew moving to a new area just west of where they were working.

0838: Crew going on break.

0906: Crew resuming work in DG-4 removing non-native vegetation.

1020: Genaro notified me the crew will be moving to a new location after lunch. He showed me the new location in DG-4A.

1030: Beginning sweep of the area the crew plans to work after lunch. Genaro mentioned that one of the people doing irrigation went home.

1055: Crew taking lunch.

1202: Crew resuming work, crew is moving to a new area in DG-4A.

1250: Observed one coastal whiptail basking in the sun (34.190833, -118.176807)

1325: Crew taking break.

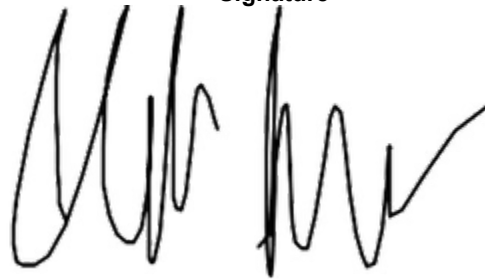
1344: Crew resuming work in DG-4A.

1412: Crew done removing non-native vegetation, beginning to clean up and haul out the removed non-native vegetation.
1430: Leaving site.

Additional Comments

N/A

Signature



Natures_Image_crew_removing_nonnatives_in_DG4.jpg



Canker_on_black_willow.jpg



Natures_Image_removing_nonnatives.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	61 °F	0-3 MPH	100 %
End of Day	14:57	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (ten people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, CASJ, AMCR, BHGR, RCPA, SOSP, BUSH, NUWO, BEWR, HOFI, SPTO, WTSW, LEGO, MODO, CLSW, CAQU, CATH, KILL, HUVI, CANG, MALL, AMCO, BLPH, NRWS, YRWA, RUDU, ALHU, BCHU, OATI, WEFL, BGGN, EUST, ATFL

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of non-native weed removals within the mining pit and DG-4 areas on the west side of the basin. Targeted species mainly include poison hemlock and mustard grasses.

0700: Monitored a Bewick's wren (BEWR) nest, BEWR_06 nest for activity at the old dumpster which is no longer active. Used endoscope camera to inspect cavity for nest activity. Dumpster cavity will be plugged with material to prevent future nesting, informed Juan.

0900: Crew takes a break.

0915: Crew resumes work along the west side concentrating in the mining pit area.

1015: New song sparrow nest located and flagged in the mining pit area within stinging nettle shrub.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1330: Two crew members plug the cavity under the east aide dumpster with plastic bags to prevent future nesting.

1450: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Pre_vegetation_clearing.jpg
-118.17428497222222 34.192897861111106



Vegetation_removed.jpg
-118.17380325833334 34.19310733333333



Fledged_BEWR_nest_cavity_exclusion_facingEast.jpg
-118.17154190833334 34.19221827777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: June 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	60 °F	0-3 MPH	100 %
End of Day	14:20	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, SPTO, CASJ, ANHU, SOSPO, RTHA, ACWO, BUSH, CAQU, MODO, CALT, LEGO, BEWR, YEWA, CATH, PSFL, ALHU, OATI, Western toad, Cottontail, California ground squirrel, Western fence lizard, Coastal whiptail, Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615- Inspect oak tree at southeast entrance for Carley.

0630- Genaro showed me the work area in DG-4A. Begin to survey ahead of crew.

0655- Work area clear of nesting activity, crew cleared to work. They will be removing hemlock and mustard. Two crew walking the irrigation lines checking for leaks.

0840- Crew breaks.

0900- Return to work.

0945- Almost finished working in first section of DG-4A. Genaro showed me the next work area, still in DG-4A. Begin to survey.

1000- New work area clear of nesting activity.

1045- Crew cleaning up before lunch. Add a new Allan's hummingbird (ALHU) nest, ALHU-1.

1200- Return from lunch.

1245- Deactivate NUWO-02 and BGGN-01. Nests last updated in March. No activity seen at nests.

1330- Crew break.

1345- Return to work.

1410- Crew begin cleaning up for end of day.

1420- Depart site.

Additional Comments

N/A

Signature





photo_1-DG4A_removing_mustard_facingEast.jpg



photo_2-dense_vegetation_in_work_area_facingNorth.jpg



photo_3-removed_non_native_vegetation_facingNortheast.jpg



photo_4-ALHU-1_location_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	80 %
End of Day	14:55	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (ten people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: AMRO, HOFI, RCPA, CASJ, MODO, BLPH, CALT, BEWR, ACWO, SPTO, WREN, ANHU, AMCR, OATI, CAQU, SOSP, NUWO, BUSH, CATH, LEGO, EUST, CORA, WTSW, NRWS, BHGR, HOOR, YEWA, BGGN, RSHA, KILL, WETA, MALL, AMCO, RUDU, CLSW, BARS, RTHA, CANG, NOMO, OCWA, ALHU, COHA, ATFL, HOWR, PBGR, ECDO

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of nonnative weed removals within the mining pit and along DG-4C/DG-4 working from the south to the north. This is the second pass through this area this week. Targeted species mainly include poison hemlock and mustard grasses.

0900: Crew takes a break.

0915: Crew resumes work along the west side concentrating in the mining pit area.

1010: Cooper's hawk (COHA) chicks are still at nest, at least two on the east side of the basin by DG-2 trail.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area, proceeding north away from the song sparrow nest and towards the south-facing slopes in DG-4.

1455: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weed_removal_DG-4C_facingNorth.jpg
-118.17511716666667 34.19287865



COHA_chicks_DG-2_facingSoutheast.jpg
-118.17170411111111 34.19002124166666



Weed_removal_DG-4_SOSP_nest_buffer_facingSoutheast.jpg
-118.1740130555556 34.19370288888886

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	14:15	82 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, SPTO, BLPH, CAKI, BGGN, YEWA, BEWR, KILL, ACWO, RSHA, CORA, NOMO, CATH, LEGO, ALHU, COYE, BUSH, MODO, NUWO, CALT, amazona spp., Western toad, Cottontail, California ground squirrel, Coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- On site. Crew plans to continue work in south section of DG-4A.
0645- Inform Genaro work area is clear of nesting activity.
0655- Crew begins removing vegetation. Pulling mostly Rumex spp. and some mustard and hemlock.
0840- Crew break.
0900- Return to work
1045- Crew cleaning up before lunch.
1200- Return from lunch. Continue to work in same area.
1330- Crew break.
1345- Return to work.
1410- Crew begin cleaning up for end of day.
1420- Depart site.

Additional Comments

N/A

Signature





photo_2-vegetation_removal_facingNortheast.jpg



photo_3-work_area_after_removal_facingNortheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	64 °F	0-3 MPH	100 %
End of Day	14:00	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: EUCD, MODO, CATH, SPTO, CALT, CASJ, BHGR, BEWR, BUSH, WTSW, SOSP, WREN, HOFI, AMCR, LEGO, KILL, ACWO, NUWO, EUST, Red-masked parakeet, NRWS, CAQU, ANHU, ALHU, HOWR, BLPH, TUVU, RTHA, CORA

Mammals: Desert cottontail, California ground squirrel

Herps: Great Basin fence lizard, San Diego tiger whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625-ICF biologist Phillip Richards arrived.

0630-Gothic crew arrived and mobilized for today's activities.

0640-Gothic crew removing invasive non-native weeds along west side of Arroyo Seco in the north end of 5.2-acre restoration site.

0900-Crew on break.

0915-Crew continuing to remove invasive weeds in same work area.

1200-Crew on lunch break.

1230-Crew continuing to remove invasive weeds in same work area.

1400-Crew done for the day and all personnel leaving the site for the day.

Additional Comments

N/A

Signature





Crew_removing_invasive_weeds_facingNortheast.jpg
-118.17361315833334 34.19346638888886



Crew_removing_invasive_weeds_facingSouthwest.jpg
-118.17342283333333 34.19358812222216



Crew_removing_invasive_weeds_FacingSoutheast.jpg
-118.17361775 34.19404369444444



Crew_removing_nonnatives.jpg
-118.1737648888889 34.19352755555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carter Warwick
Company: ECORP
Date of Log: June 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	02:20	86 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration, nonnative vegetation removal
2. Hand tools
3. Nature's Image

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, MODO, CAQU, SOSP, SPTO, ALHU, KILL, YEWA, BUSH, CASJ, NUWO, CATH, DEJU, LEGO, BEWR, WREN, SPTO, CAKI, BHGB, MALL, AMCO, Western toad, Cottontail, California ground squirrel, Western fence lizard, Coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630- On site. Crew plans to continue work in south section of DG-4A. Genaro not on site today.

0645- Inform Eduardo work area is clear of nesting activity.

0655- Crew begins removing vegetation. Pulling mostly *Rumex* spp. and some mustard and hemlock. Two crew walking throughout site checking on irrigation.

0840- Crew break.

0900- Return to work,

1045- Crew cleaning up before lunch.

1200- Return from lunch. Continue work in same area. Moving along irrigation pipe to the south.

1330- Crew break.

1345- Return to work.

1410- Crew begin cleaning up for end of day.

1420- Depart site.

Additional Comments

N/A

Signature





photo_1-vegetation_removal_facingEast.jpg



photo_2-vegetation_removal_along_pipe_facingSouth.jpg



photo_3-pipe_after_removal_facingSouth.jpg



photo_4-work_area_after_removal_facingEast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	60 °F	0-3 MPH	100 %
End of Day	14:35	81 °F	0-3 MPH	1 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding restoration areas.
2. Hand tools, six.
3. Six, Nature's Image, Genero.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, CASJ, CALT, SPTO, SOSPO, AMCR, YEWA, Amazonia sp., CLSW, BEWR, LEGO, BUSH, GBHE, NRWS, Tree squirrel, Western diamondback rattlesnake, ANHU, BHGR, MALL, and RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0625: Crew started arriving.
0635: Genero took me to the area in DG-4A where they left off from Friday. Continued to pull primarily curly dock and Socrates hemlock.
0640: I began clearing the area.
0655: Heard a yellow warbler calling in area.
0659: I let Genero know the area was clear.
0705: Crew began arriving at the work area and started work.
0720: Briefly saw what looked like a yellow warbler.
0728: Briefly saw yellow warbler from below. It was high in the willow above me.
0850: Crew broke for first break.
0920: Crew returned from first break. (includes drive time)
0923: Crew began periodically taking full tarps to the dumpster throughout the day.
1050: Crew broke for lunch. About 5 min of travel to dumpster.
1140: Crew returned from lunch (about 5 min back to site) and continued to work.
1145: Genero took some full tarps to the dumpster. I checked on the baby rattlesnake, and it is still in the same general place as before. I watched the nest area for an additional 15 minutes.
1300: Ed went to finish his area from this morning.
1320: Crew broke for last break.
1330: A pair of Red-tailed hawks attempted to hunt in weeding area and then perched in snag momentarily.
1350: Crew returned from last break.
1415: Crew is filling the last remaining tarps and wrapping up for the day. The baby rattlesnake hasn't moved from its location.
1435: Crew finished unloading tarps and is leaving for the day.

Additional Comments

N/A

Signature

Daniel Ingus



weeding_area_start_facingEast.jpg
-118.17666083333334 34.189499999999995



weeding_area_during_facingEast.jpg
-118.17664888888889 34.18957277777778



weeding_area_end_facingEast.jpg
-118.17668777777779 34.189543888888885



weeding_area_other_view_facingNorthwest.jpg
-118.17627694444445 34.18931388888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:48	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes (nine), hoe/two prong cultivator.
3. Gothic landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CASJ, MODO, CALT, NUWO, HOFI, BHGB, SOSP, ACWO, BEWR, RCPA, NOMO, YEWA, WEWP, SPTO, AMCR, LEGO, BLPH, CORA, BUSH, CAQU, CATH, CAKI, ANHU, RTHA, NRWS, OATI, TUVU

Mammals: California ground squirrel, Desert cottontail

Reptiles: Alligator lizard, Western fence lizard, Western whiptail, Side-blotched lizard, California kingsnake

Invertebrates: Aphid, Taylorilygus, Wolf spider, Lynx spider, Mordella, Mite, Pyramid ant, Blow fly, Harvester ants, Ladybird beetle larvae, Fruit fly, Honeybee, Cabbage white, Hover fly, Katydid, Yellow-faced bumblebee, Black-tailed bumblebee, Yellow jacket, Western tiger swallowtail, Red admiral

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrives on site.

0640: Crew heads to northern end of DG-W-2 to begin non-native vegetation removal. Biologist monitors work area for any wildlife activity.

0815: Biologist observes a wolf spider with an egg sack.

0900: Crew takes break.

0907: Biologist observes California thrasher taking food item into restoration area.

0915: Crew returns to work.

0920: Biologist monitors surrounding work area for any wildlife activity.

1200: Crew takes lunch.

1230: Crew returns to work in DG-W-2. Biologist monitors work area for wildlife activity.

1435: Crew takes last loads of removed vegetation to the dumpster.

Additional Comments

N/A

Signature





DGW2_vegetation_removed_facingNorth.jpg
-118.17426397222222 34.19304853888889



DGW2_vegetation_removed_facingNorth.jpg
-118.17429411944445 34.19268323888888



DGW2_vegetation_removed_facingNorth.jpg
-118.1750194305557 34.192856738888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:20	62 °F	0-3 MPH	100 %
End of Day	14:48	82 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weed removal.
2. Hand tools, seven.
3. Seven, Nature's Image, Genero.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CALT, AMCR, MODO, SPTO, BUSH, BLPH, SOS, RTHA, YELLOW WARBLER, HOFI, Desert cottontail, ANHU, California ground squirrel, BEWR, NRWS, BHGR, Western diamondback rattlesnake, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620: Genero and crew started arriving. There is some fog and 100% cloud cover.
0635: Genero took me to where they left off yesterday in DG-4A to clear the area. Baby rattlesnake hasn't moved since yesterday. They are primarily pulling wild radish and curly dock.
0645: I started clearing the area.
0706: I finished clearing the area and told the crew.
0708: I heard a yellow warbler calling in the area, no visual observation.
0715: Crew started arriving.
0720: Genero showed me the second area they wanted to work.
0730: Area too close to active yellow warbler nest.
0735: Genero took me to next area in DG-4A along the road to clear for them. The area is just outside a yellow warbler nest buffer.
0755: I finished clearing the area and told the crew. There was a date mixup and the fungus removal is scheduled for tomorrow. Genero left to buy supplies for fungus treatment tomorrow.
0836: I updated a bushtit nest (BUSH-12) as inactive.
0855: I updated a bushtit nest (BUSH-05) as inactive.
0855: Crew broke for first break.
0904: Upon checking the first area, it appears the crew is almost done.
0920: Crew returned from first break. Ed went to meet Raul.
1020: Genero took Raul to go see trees with canker fungus.
1030: Crew is almost done removing tarps from first area and is preparing to go to the next area.
1050: Crew broke for lunch. Baby rattlesnake is still in same location.
1055: I found out from Raul the infected trees have some sort of larvae instead of a fungus.
1115: Genero told me Ed is also on irrigation today.
1135: Crew finished lunch and unloaded full tarps from the truck before heading to the second area to start weeding.
1200: I arrived at the second area and Genero told me Ed is finishing up cleaning up the first area by the end of the day. They are now primarily pulling wild radish, rose evening primrose, curly dock, and perennial pepperweed.
1210: Heard yellow warbler calling off in the distance. No visual observation.
1225: Several yellow warblers heard calling to each other in the general area. No visual observations.

1235: I briefly checked on area one before heading back to area two, and the baby rattlesnake appears to have left where it was.

1240: I'm back at the second area and continuing to hear several yellow warblers calling in the area up high in the willows. No visual observations, but they don't appear affected by the weeding.

1320: Crew broke for last break.

1350: Crew returned from final break (travel 10 minutes roundtrip).

1355: Genero went with tarps to help Ed with finishing cleaning up area one.

1406: Genero returned to area two. Ed said he will take care of area one.

1420: Crew is wrapping up for the day and bringing all full tarps and tools to the dumpster area.

1437: Crew has finished unloading tarps into the dumpster and are beginning to leave.

1448: All crew have left for the day.

Additional Comments

N/A

Signature

Daniel Longes



first_area_after_weeding_facingSouthwest.jpg
-118.17633694444444 34.18925694444444



Second_area_start_facingNortheast.jpg
-118.1774227777778 34.1888647222222



second_area_during_facingNortheast.jpg
-118.17745083333334 34.18886083333333



second_area_after_facingNortheast.jpg
-118.17740472222222 34.18881972222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	15:00	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California Quail, Acorn Woodpecker, California Towhee, Black-headed Grosbeak, American Crow, House Finch, Cassin's Kingbird, California Scrub Jay, Nuttall's Woodpecker, Mourning Dove, Red-crowned Parrot, Song Sparrow, Common Raven, Anna's Hummingbird, Blue-gray Gnatcatcher, Bewick's Wren, Lesser Goldfinch, Bushtit, Yellow Warbler, Spotted Towhee, Cooper's Hawk, Northern Rough-winged Swallow, Allen's Hummingbird, Black Phoebe, Killdeer, Mallard, Cliff Swallow, Barn Swallow, American Coot, Red-tailed Hawk, Red-shouldered Hawk, Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0900: Biologist walked the basin searching for waterbird/killdeer nests.

1100" Biologist walked to the east side to survey for any new nests/areas of weed concern.

All day - Crew worked on the west side in DG-4 and DG-W-2 with crews of two manning irrigation.

Additional Comments

Used fireworks and evidence of motorized bike and excessive foot disturbance was observed while walking along the basin near the access road on the east side of the site. The used fireworks and trash were disposed of. A significant portion of the *Conium maculatum* on the west side is going to/has already gone to seed. Further pulling efforts for mature specimens may be futile, effort should be refocused on plants that have not yet gone to seed (*Hirshfeldia*, *Lepidium*, etc)

Signature





Recently_weeded_plot_DG-W-2.jpg
-118.17459321111112 34.19274302777777



Crew_weeding_DGW2.jpg
-118.17422780555556 34.193056694444444



Fireworks_found_in_basin.jpg
-118.17392886111112 34.187920825

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:50	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and irrigation maintenance.
2. Tarps (seven), hoes (four), hula hoes (three), rake, buckets (four).
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MODO, HOFI, CAKI, EUCD, EUST, ACWO, CALT, RCPA, BHGB, CAQU, CASJ, WREN, ANHU, NUWO, CATH, NOMO, SPTO, LEGO, AMRO, SOSP, OATI, BLPH, AMCR, WTSW, CORA, KILL, MALL, BEWR, WEGU, BUSH, BGGN, OCWA, BUSH, COHA, YEWA, ALHU, PHAI, RTHA, WETA

Mammals: Desert cottontail, California ground squirrel

Reptiles: Western fence lizard, Western whiptail, Side-blotched lizard, Rattlesnake

Amphibians: Western toad

Invertebrates: Hover fly, Aphids, Lady bird beetle, Yellow-faced bumblebee, Blow fly, Mayfly, Carpet beetle, Fiery skipper, Sunflower bee, Carpenter bee, Satyr comma, Western tiger swallowtail, Cabbage white, Mourning cloak, Pallid-winged grasshopper, Red admiral, Harvester ant, Mite,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrives on site.

0640: Seven crew members head to northeast corner of DG-4 working their way south. Three crew members head to the east side of the site to work on the irrigation. Biologist monitors site for any wildlife activity.

0740: California towhee observed with nesting material.

0800: Melampsora rust starting to come back on some black willows.

0847: Crew members on east side in DG-3A doing irrigation maintenance and watering additional plantings with buckets.

0900: Crew members on east side heading back to the west side.

1000: Trails on east side are filling in.

1020: Biologist monitors activity at song sparrow nest.

1105: Biologist monitors activity at bushtit nest.

1150: Cooper's hawk chick observed making its way to the edge of the nest and being fed.

1200: Crew takes lunch.

1230: Crew returns to work.

1400: Crew working in DG-W-2.

1435: Crew begins to head out of restoration area to throw out last load of removed vegetation.

Additional Comments

N/A

Signature

Amanda Mathis



DGW2_Western_fence_lizard_facingSouth.jpg
-118.17400563055556 34.1933090277777



DGW2_melampsora_rust_facingSouth.jpg
-118.17409676944445 34.193134611111105



DG3A_western_toad_facingNorthwest.jpg
-118.17334202777778 34.18681858333333



Coopers_hawk_chick_facingEast.jpg
-118.1717161500001 34.190041961111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:15	59 °F	0-3 MPH	100 %
End of Day	14:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive vegetation removal.
2. Shovels, hoes, hand removal.
3. Natures Image, 12 man crew (Genaro Vargas foreman)

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, SPTO, RCPA, Western toad, NUWO, CALT, AMCR, SOSP, AMRO, YEWA, HOFI, CAQU, BEWK, LEGO, ATFL, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived onsite.

0620: Meet up with Justin (ECORP).

0630: Genaro Vargas shows me work area to clear. Work area is in DG-4A approximately 34.188916 N 118.177394 W.

0704: Crew of 12 starts working, primarily taking out *Raphanus sativus*.

0708: Genaro Vargas takes me to site of infected willows to start removing fungus from floor.

0721: Two-man crew finishes removing fungus from floor below infected trees.

0815: Relocated several western roads.

0847: Crew breaks.

0919: Crew returns from break.

0935: Crew comes across nest with fledglings while clearing vegetation. Set up 60 ft buffer. Marked in field maps as SOSP_12.

1015: Genaro Vargas takes me to second work area of the day to clear. Area is in DG-4 approximately 34.186813 N 118.177054 W.

1029: Observed rattlesnake in second work area. Marked as hazard in field maps. Flagged general area.

1100: Crew breaks for lunch.

1103: Collected larvae samples off of infected willows.

1155: Crew starts working in second work area.

1321: Crew breaks.

1344: Crew back from break.

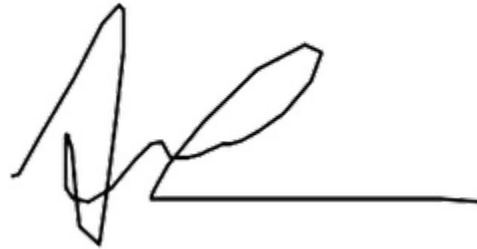
1415: Crew starts cleaning up for the day.

1430: Left site.

Additional Comments

N/A

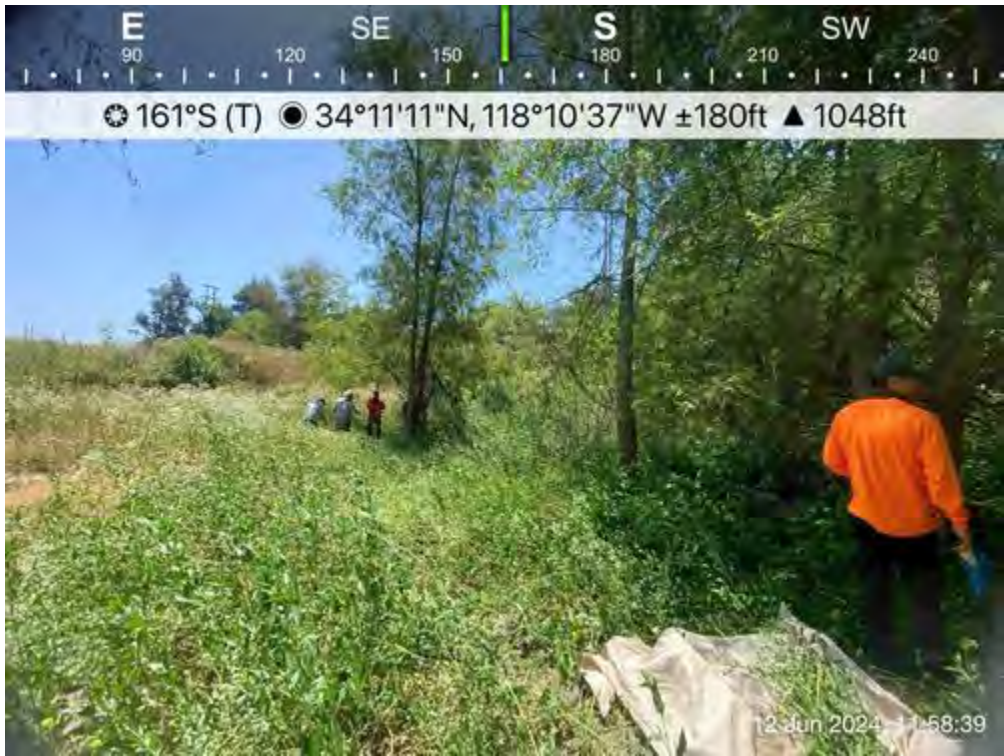
Signature

A handwritten signature in black ink, consisting of a stylized, cursive letter 'A' followed by a horizontal line extending to the right.

WorkArea_Before_facingSouth.jpg



Fungal_removal_facingSoutheast.jpg



Second_WorkArea_Before_facingSoutheast.jpg



Second_WorkArea_after_facingSoutheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	4-6 MPH	100 %
End of Day	14:45	79 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (7), hoes (4), hula hoes (2).
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: HOFI, BEWR, ACWO, NUWO, AMCR, CALT, SPTO, MODO, EUCD, BHGB, AMCR, CAQU, RTHA, EUST, CASJ, RCPA, CORA, LEGO, NRWS, BEWR, BUSH, ALHU, ANHU, WTSW, HOWR, BLPH, KILL, SOSPO, NOMO, CAKI, BARS, OATI, ATFL, HOOR, TUVU, WREN, YEWA, BGGN

Mammals: California ground squirrel, Desert rabbit, Coyote

Reptiles: Western fence lizard, Western whiptail

Amphibians: Western toad

Invertebrates: Pyamid ant, Yellow-faced bumblebee, American lady, Asian lady beetle, Honeybee, Jumping spider, Variegated meadowhawk, Aphid, Argentine ant, Harvester ant, Pallid-winged grasshopper, Red admiral, Tripartite sweat bee, Western tiger swallowtail, Blow fly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrives on site.

0640: Crew begins work in southwest corner of DG-4. Surrounding work area monitored for any wildlife activity.

0745: Red-tailed hawk perched and calling in DG-4.

0900: Crew takes break.

0915: Crew returns to work.

0930: Coyote observed in DG-1. House wren observe bringing nesting material to nest.

1030: Wrenit singing loudly near known nest.

1200: Crew takes lunch.

1220: Bushtits observed feeding fledglings near known nest.

1230: Crew returns to work.

1420: Removed vegetation mainly consists of poison hemlock and mustard.

1435: Crew begins to wrap up work taking last load of removed vegetation to the dumpster.

Additional Comments

N/A

Signature

Amanda Martin



DG4_DG4C_post_vegetation_removal_facingNorth.jpg
-118.17457644444445 34.19323536111111



DG4_vegetation_removed_facingSouth.jpg
-118.17458430555556 34.19322002777778



RTHA_DG4_facingNortheast.jpg
-118.1725461 34.19474244444444



Johnsonfield_trail_facingEast.jpg
-118.17163995 34.19201451111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	57 °F	0-3 MPH	100 %
End of Day	14:30	79 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal
2. Shovels, hoes
3. Natures Image six man crew (Genaro Vargas foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BEWR, Western toad, BUSH, RCPA, MALL, NRWS, California ground squirrel, CORA, AMCR, BGGN, CAQU, BHGR, SPTO, CALT

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived onsite.
0630: Cleared work area. Crew working in DG-4 approximately 34.186744 N 118.17710.
0704: Crew starts working.
0852: Crew breaks.
0859: I take department of agriculture to infected willows for them to sample.
1015: Department of agriculture finishes sampling.
1045: Crew breaks for lunch.
1135: Crew returns from lunch.
1400: Crew starts cleaning up for the day.
1430: Leave site.

Additional Comments

N/A

Signature





Samples_facingEast.jpg



During_facingSouth.jpg



After_facingSouth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Corrina Tapia
Company: ECORP
Date of Log: June 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	66 °F	0-3 MPH	100 %
End of Day	14:35	86 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nonnative vegetation removal in portions of DG-4, 4A, and 7. Hand tools Genaro and crew of six from Nature's Image

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

EUCD, BLPH, MODO, SPTO, SOSP, BUSH, ALHU, CALT, CASJ, HOFI, LEGO, RCPA, CORA, CAQU, CLSW, RTHA, TUVU, NUWO, YEWA, NOMO, HOFI, Cabbage white, Swallowtail, Red admiral, Western honey bee ,Carpenter bee ,Yellow-faced bumble bee ,California ground squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site and waited for crew and Genaro Vargas, foreman, to arrive.

0630: Met Genaro and he drove me to the site they plan to work on.

0646: Crew working near BUSH-4. The nest is falling apart and deemed inactive.

0710: Crew arrived at site after I gave clearance. No new nests observed but high activity and dense vegetation. 7-person crew.

0721: Crew pulling poison hemlock, Maltese star thistle, and mustard primarily. Work area near 34.193570, -118.172551.

0915: Crew finished break and some people split off to work on irrigation. Five person crew still working in area.

1100-1200: Crew took lunch.

1210: Bird egg found on the ground near the access trail. No visible nest but could be ground nester. No bird had flushed when initially found and no bird returned after 10+ minute observation period. Marked in FieldMaps but did not set up a buffer.

1245: Work occurring in DG-4, 4A, and 7.

1420: Crew began cleaning up.

1430: Crew began emptying vegetation into dumpster then left site. Done with the day.

Additional Comments

N/A

Signature





Pulled-nonnatives-06142024.jpg



Cleared-area-D4A-06142024.jpg



Cleared-area-D4-06142024.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:08	82 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and irrigation maintenance
2. Tarps (7), hula hoes (2), hoes (2), and 2/3 prong cultivators.
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, SPTO, WREN, MODO, EUCD, NUWO, BHGB, NRWS, DEJU, CAQU, AMRO, EUST, ACWO, CASJ, BEWR, AMCR, BUSH, CANG, BLPH, RCPA, COHA, CAKI, CORA, NOMO, BGGN, YEWA, MALL, KILL, CLSW, ANHU, LEGO, WTSW, WEWP, ALHU, RTHA

Mammals: California ground squirrel, Desert cottontail

Amphibians: Western toad

Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail

Invertebrates: Yellow-faced bumblebee, Asian lady beetle, Tumbling flower beetle, Aphids, Poison hemlock moth, Cabbage white, Harvester ant, Orb weaver, Gray buckeye, Red admiral, Honeybee, Mourning cloak, Carpenter bee, Western tiger swallowtail, Lorquin's admiral, Blow fly, Typical blues, Skipper, Yellow jacket

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Majority of crew heads into restoration to begin vegetation removal in southern portion of DG-W-2. Three crew members go to the east side to check on irrigation.

0730: Acorn woodpecker observed poking head out of nest cavity. Additional flagging tape added to better denote buffer. Crew informed of nest buffer and to avoid work in that area.

0805: Melampsora rust observed on willow.

0900: Crew takes break.

0915: Crew returns to work.

1123: Northern mockingbird observed carrying food into oak tree.

1204: Bluegray gnatcatcher fledglings being fed in Johnson Field.

1230: Crew returns to work after lunch.

1330: California towhee observed incubating three eggs.

1340: Crew throws out last load of removed vegetation.

Additional Comments

N/A

Signature

Amanda Hartman



DGW2_melampsora_rust_facingSouth.jpg
-118.1740777500001 34.19320066666666



DGW2_vegetation_removed_facingNorth.jpg
-118.1750996388889 34.1927279166666



Coopers_hawk_chick_preening_facingSouth.jpg
-118.17170683333333 34.19004348888888



Blue-gray_gnatcatcher_fledglings_Johnsonfield_facingSouth.jpg
-118.17123596111112 34.192039261111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: June 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:24	57 °F	0-3 MPH	100 %
End of Day	14:21	75 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, CAQU, SPTO, RCPA, NRWS, SOSP, CALT, BHGR, CORA, NOMO, WREN, LEGO, AMRO, ANHU, BUSH, CASJ, Desert cottontail, MODO, BEWR, Western fence lizard, Side-blotched lizard, RSHA, California ground squirrel, Western tiger swallowtail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.193229°N 118.172573°W).

0700: No nesting activity observed in work area, cleared crew to start. Continued monitoring wildlife activity.

0750: Went to area of California scrub-jay nest (CASJ-7) to update.

0850: Observed CASJ bring food to nest location. Nest likely in nestling phase. Updated point in field map.

0920-1020: Watched a bushtit nest (BUSH-13). Updated nest as inactive due to nest being in disrepair and lack of BUSH activity. Removed flagging.

1100-1130: Lunch.

1130: Continued monitoring wildlife activity in the work area.

1405: Crew finished weeding for the day. Headed back to the car.

1420: Left site.

Additional Comments

N/A

Signature





20240617_workareabefore_facingSoutheast.jpg
-118.17259805555555 34.19324426388886



20240617_work_area_end_of_day1_facingSoutheast.jpg
-118.17258758333334 34.193268761111106



20240617_workareaEOD2_facingE.jpg
-118.17237398888889 34.19322527777778



20240617_workareaEOD3_facingS.jpg
-118.17265036111111 34.19336831944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	4-6 MPH	100 %
End of Day	14:45	75 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (7), two prong cultivator (2), hoe (6)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SPTO, WREN, RCPA, MALL, SOSPO, KILL, NRWS, YEWA, AMCR, CALT, WTSW, RSHA, CAQU, BEWR, BUSH, BLPH, LEGO, ACWO, HOFI, BARS, CLSW, CORA, DEJU, CASJ, BGGN, ANHU, BHGB, MODO, RTHA, TUVU, NOMO, ATFL, NUWO, ALHU, DCCO

Mammals: Desert cottontail, California ground squirrel

Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail

Amphibians: Western toad

Invertebrates: Orb weaver, Darkling beetle, Honeybee, Yellow-faced bumblebee, Dragonfly, Cabage white, Hover fly, Harvester ant, Blow fly, Black tailed bumblebee, Gray buckeye, Tumbling flower beetle, Western tiger swallowtail, Mayfly, Sunflower bee, Red admiral, Convergent lady beetle, Pallid winged grasshopper, Mourning cloak

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0645: Crew starting in DG-3A south of parked cars. Irrigation is turned on. Biologist monitors surrounding work area for any wildlife activity.

0655: Deceased American crow west of DG-3A on west facing slope.

0725: Observed two adult Canada geese with five goslings foraging near waters edge.

0850: Observed bushtit carrying nesting material into oak tree.

0940: Observed coyote walking into excavated retaining pond and then laydown.

1030: Crew moves to west side of DG-3 to steer clear of utility workers work.

1050: Observed orange moss on knot of willow tree.

1058: Observed Melampsora rust around branches of a mulfat shrub that is adjacent to a different mulefat with the rust visible on its leaves.

1120: Monitored wren tit nest to update activity.

1200: Crew takes lunch.

1230: Crew returns to work.

1425: Irrigation is turned off.

1440: Crew begins to wrap up work gather the rest of the removed vegetation for the day.

Additional Comments

N/A

Signature

Amanda MacLean



American_crow_deceased_near_DG3A_facingWest.jpg
-118.17358686944445 34.18779133888886



DG3B_vegetation_removed_facingWest.jpg
-118.17276061111112 34.18767348055555



Coyote_in_retaining_pond_facingEast.jpg
-118.17047556111112 34.19395531944444



DG2_cottonwoods_yellowing_facingNorth.jpg
-118.17228566111112 34.1914410277778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: June 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:13	59 °F	0-3 MPH	100 %
End of Day	14:14	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removing nonnative plants
2. Hand tools
3. Nature's Image crew

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, ANHU, NRWS, CASJ, SPTO, SOSP, Western toad, CALT, HOFI, LEGO, NOMO, BHGR, ACWO, NUWO, AMCR, RCPA, WREN, BEWR, AMRO, Desert cottontail, California ground squirrel, BUSH, CAQU, Western fence lizard, Side-blotched lizard, MALL, KILL, COYE

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Checked in with Genaro. Started nesting bird survey in DG-4A (34.193218°N 118.172551°W).

0700: No nesting activity observed in work area, cleared crew to start. Continued monitoring wildlife activity in the area.

0730-0830: Watched bushtit nest (BUSH-14) to update.

0830: Updated BUSH-14 as inactive due to lack of BUSH activity at nest location. Removed flagging.

0840-1040: Watched spotted towhee (SPTO-3) and song sparrow (SOSP-7) nests to update.

1040: No SPTO or SOSP activity observed at nest locations. Will check back after lunch.

1100-1130: Lunch.

1130: Continued monitoring wildlife activity.

1215: Removed flagging from SPTO-3 and SOSP-7. Updated nest points. Went back to crew work area.

1400: Crew finished weeding for the day, started cleaning up. Took end of day photos, sent update to tomorrow's monitor, headed back to vehicle.

1415: Left site.

Additional Comments

N/A

Signature





20240618_workarebefore_facingSouthwest.jpg
-118.17261297222223 34.19317205555555



20240618_workarebefore2_facingWest.jpg
-118.17259192777779 34.19319311111111



20240618_workareaendofday1_facingSouth.jpg
-118.17261809444445 34.19335983333333



20240618_workareaendofday2_facingSouthwest.jpg
-118.17254828611111 34.193234222222216

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:44	77 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (7), hoes (4), 2 prong cultivator (6)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, CANG, BEWR, BEWR, YEWA, NRWS, BHGB, BGGN, CALT, CASJ, HOFI, DCCO, CLSW, MALL, AMCR, CORA, SOSP, COYE, BUSH, BLPH, KILL, GBHE, RUDU, BLPH, CLSW, LEGO, MODO, DEJU, TUVU, OATI, ACWO, NUWO, COHA

Mammals: California ground squirrel

Reptiles: Western fence lizard, Side-blotched lizard

Amphibians: Western toad

Invertebrates: Scentless plant bug, Aphid, Leaf hopper, Blow fly, Orb weaver, Cabbage white, Dragonfly, Gray buckeye, Pallid-winged grasshopper, Honeybee, Yellow-faced bumblebee, Harvester ant, Yellow jacket, Variegated meadowhawk, Carpenter bee, Hover fly

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0640: Crew begins work in DG-3B. Two crew members turning on the irrigation. Biologist informs crew lead about the potential fungus found on the other side of the site and the precautions to take if it is seen on this side. Monitored surrounding work area for any wildlife activity.

0725: Biologist informs crew lead that one of the plants in question is native and to leave that one.

0825: Observed two groups of goslings. The younger downy group seen yesterday had five and the older group had six.

0900: Crew takes break.

0915: Crew returns to work.

0930: Biologist informs crew lead of two non-native plants in next work area that they can remove.

1050: Observed American coot nest to update activity.

1129: Observed house finch fledgling perched on utility wire being fed.

1134: Observed cliff swallow going to and from entrance of active nest.

1200: Crew takes lunch.

1219: Swallow fledgling perched on utility wire.

1230: Crew returns to work on west facing slope of DG-2.

1435: Crew begins to wrap up work and head out of the restoration area.

Additional Comments

N/A

Signature

Amanda Martins



DG3A_pre_vegetation_removal_facingNorth.jpg
-118.173677 34.185933569444444



DG3A_post_vegetation_removal_facingNorth.jpg
-118.17368052777778 34.18588577777778



DG3A_vegetation_removed_facingWest.jpg
-118.17367161111112 34.18602238055555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	61 °F	0-3 MPH	100 %
End of Day	14:30	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement.
2. Hand tools (hoes, shovels), weed whacker.
3. Nature's Image, crew lead Genaro.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, BUSH, MODO, LEGO, CASJ, HOFI, WTSW, RTHA, CALT, ACWO, BARS, TUVU, WEKI, BGGN, ANHU
Western fence lizard, Coastal whiptail, Western side-blotched Lizard, Western toad, Desert cottontail, California ground squirrel, Wood rat

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0640: Began sweep of work area (northern portion of DG-4) prior to work commencing.

0655: Work area cleared for work.

0700: Nature's Image crew begin weed abatement activities. -The crew removes non-native weed species such as shortpod mustard (*Hirschfeldia incana*) and Maltese star-thistle (*Centaurea melitensis*) and carries them off the site in tarps while leaving native species intact. Genaro operates the weed whacker while the rest of crew uses hand tools.

1400: No nesting bird activity was observed today.

1415: Crew picks up last few tarps full of weeds and takes them to the truck.

1430: Crew finishes cleaning up and I depart site.

Additional Comments

N/A

Signature





DG-4_before_facingSouth.jpg
-118.17219200833334 34.19479283333333



WeedWacking_thistle_facingWest.jpg
-118.17232248333333 34.19481419444444



DG-4_During_facingSouth.jpg
-118.172195 34.19480186111111



DG-4_After_facingSouth.jpg
-118.17218191666667 34.19478838888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:45	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and watering additional plantings
2. Tarps (7), 2/3 prong cultivator (10)
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SPTO, RCPA, CAQU, BHGB, SOSP, BUSH, KILL, LEGO, AMCR, BGGN, HOFI, WTSW, NRWS, YEWA, COYE, CALT, BLPH, CASJ, NUWO, DCCO, RUDU, CANG, CLSW, DEJU, ALHU, ANHU, COHA, CORA, ACWO,

Mammals: California ground squirrel, Coyote

Reptiles: Western fence lizard, Side-blotched lizard, Western whiptail

Amphibians: Western toad, Pacific tree frog

Invertebrates: Nomophila, Wolf spider, Honeybee, Aphids, Hover fly, Blow fly, Yellow-faced bumblebee, Carpenter bee, Tumbling flower beetle, Leaf hopper, California bordered plant bug, Sunflower bee, Pallid winged grasshopper, Cabbage white, Dragonfly, Gray buckeye, Skipper, Harvester ant, Yellow jacket, Seven-spotted lady beetle, Asian lady beetle, Katydid, Orb weaver, Jumping spider, Red admiral, Western tiger swallowtail, Mourning cloak

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0640: Crew begins work in DG-3B. Two crew members turning on the irrigation. Biologist informs crew lead about the potential fungus found on the other side of the site and the precautions to take if it is seen on this side. Monitored surrounding work area for any wildlife activity.

0725: Biologist informs crew lead that one of the plants in question is native and to leave that one.

0825: Observed two groups of goslings. The younger downy group seen yesterday had five and the older group had six.

0900: Crew takes break.

0915: Crew returns to work.

0930: Biologist informs crew lead of two non-native plants in next work area that they can remove.

1050: Observed American coot nest to update activity.

1129: Observed house finch fledgling perched on utility wire being fed.

1134: Observed cliff swallow going to and from entrance of active nest.

1200: Crew takes lunch.

1219: Swallow fledgling perched on utility wire.

1230: Crew returns to work on west facing slope of DG-2.

1435: Crew begins to wrap up work and head out of the restoration area.

Additional Comments

N/A

Signature

Amanda Martin



Pacific_tree_frog_west_of_DG2_facingEast.jpg
-118.17294730555557 34.18891202777775



DG2_pre_vegetation_removal_facingNortheast.jpg
-118.1730879 34.1888101666666



DG2_post_vegetation_removal_facingNortheast.jpg



DG2_new_channels_facingSouth.jpg
-118.17212576111112 34.19049765

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Justin stuart, Carly Tailor
Company: ECORP
Date of Log: June 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	58 °F	0-3 MPH	0 %
End of Day	14:30	81 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative plant removal at DG-4
2. Hand tools and weedwacker
3. Natures Image - five

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, AMRO, SOSP, CAKI, ACWO, NUWO, OATI, SPTO, Parrot spp, YEWA, CAQU, BEWR, BUSH, BLPH, RSHA, BGGN, ALHU, LEGO, HOFI, NOMO, CASJ, MODO, Desert cottontail, NRWS, KILL, RTHA, Western fence lizard, BARS, California ground squirrel, WTSW, CLSW, Coastal whiptail, BHGR, Wood rat, RUDU, DCCO, COYE, CANG, MALL, AMCR, WREN, CORA, COHA, ANHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site and started pre sweep.

0720: Crew began work. California scrub-jay (CASJ) parents from nest CASJ-7 observed feeding fledgling.

0847: Crew took first break. Observed blue-gray gnatcatcher pair with fledgling from nest (BGGN-3).

0920: Crew returned from break. Genaro started using weed wacker along road in restoration area.

1048-1140: Crew had lunch break.

1321: Crew had second break.

1406: City of Pasadena and bulldozer working on east side at Johnson Field.

1415: Genaro and crew started cleaning up for end of day.

1430: End of day.

Additional Comments

N/A

Signature

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



Pre_Vegetation_Removal.jpg



Post_Vegetation_Removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	85 %
End of Day	15:00	82 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus crew lead Juan

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Common Yellowthroat, Spotted Towhee, California Towhee, Blue-grey Gnatcatcher, Mallard, Hooded Oriole, Yellow Warbler, Bushtit, Western/Pacific-slope Flycatcher, Cooper's Hawk, Anna's Hummingbird, California Quail, Lesser Goldfinch, Bewick's Wren, Black-headed Grosbeak, Oak Titmouse, Nuttall's Woodpecker, Mourning Dove, Common Raven, Red-crowned Parrot, Northern Mockingbird, Acorn Woodpecker, Black Phoebe, Double-crested Cormorant, Barn Swallow, Cliff Swallow, Northern Rough-winged Swallow, Canada Goose, Ruddy Duck, Killdeer, California Scrub Jay, Red-shouldered Hawk, House Finch, California Thrasher
Mammals: Audubon's Cottontail, Beechey Ground Squirrel,
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail, Southern Pacific Rattlesnake

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Walked up trail to Johnson Field and back down to search for any new nests.

0730: A fallen (presumed) LEGO nestling was observed loudly begging in the mustard thicket below an oak adjacent to the trail. Bird appears too young to be away from the nest, and parents were not observed, but it appear uninjured and may still be getting fed by parents. Was marked on Field Maps as FallenNestling_01

0830: Discovered Canada goose (CANG_01) nest.

0930: Crew broke for break.

1145: Crew broke for lunch.

All day - Crew worked from the lower end of DG-2 up to just below Johnson Field

Additional Comments

Parents observed feeding recently fledged young: Blue-grey Gnatcatcher, Hooded Oriole, Lesser Goldfinch, Common Raven

Signature





Fallen_lesser_goldfinch_nestling.JPG



Coopers_hawk_1_Chicks_learning_to_fly.JPG



Southern_pacific_rattlesnake_DG2.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Corrina Tapia
Company: ECORP
Date of Log: June 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	15:00	88 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Vegetation clearing of nonnatives in DG-4 and DG-7. Six person crew total from Nature's Image. Hand tools used.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BUSH, NUWO, HOFI, LEGO, CAQU, CASJ, CALT, SPTO, MODO, RCPA, ACWO, BGGN, BLPH, BEWR, NRWS, RTHA, ECDO, SOSP, CAKI, ALHU, Swallowtail, Cabbage white, Western honeybee, California ground squirrel, Desert cottontail, Western fence lizard, California whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at meeting location to meet crew.

0645: Began clearance sweep.

0700: Notified Gerano they were okay to start; no new nests found, or nesting behavior observed.

0710: Crew began work in DG-4 and DG-7, near a fledged California scrub-jay nest (CASJ-7). North end and working south. Crew of six total. Primarily pulling poison hemlock and mustard.

1100-1200: Crew took lunch. Went to pick up bat detectors on east side.

1255: Fungal growth observed on a black willow. Marked with a generic point in field maps. An old bushtit (BUSH) nest was also observed in the adjacent willow, BUSH-20, that is inactive. Bottom is falling apart and no activity at the nest. Marked in field maps.

1415: Crew finished vegetation removal activities and hauled all pulled material to the dumpster. Left to pick up remaining bat detectors on the west side.

1500: Left site.

Additional Comments

N/A

Signature





Prior-to-clearing-06212024.jpg



Clearing-in-progress-06212024.jpg



Post-clearing-06212024.jpg



During_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	09:30	72 °F	0-3 MPH	0 %
End of Day	13:55	83 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and irrigation maintenance.
2. Tarps (7), 2/3 prong cultivators (4), hoes (6)
3. Gothoc Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: WTSW, CASJ, CALT, WREN, SOSP, CAQU, HOFI, LEGO, BLPH, RTHA, PHAI, MODO, BHGB, BUSH, ACWO, ANHU, AMCR, CORA, BEWR, NUWO, SPTO, NRWS, HOSP, HOOR, BGGN, RCPA, WBNU, TUVU, BASW, ALHU

Mammals: California ground squirrel, Desert cottontail

Reptiles: Side-blotched lizard, Western whiptail, Western fence lizard

Amphibians: Western toad

Invertebrates: Western tiger swallowtail, Mourning cloak, Cabbage white, Yellow jacket, Pallid wing grasshopper, American dotted blue, Gray buckeye, Blow fly, Honeybee, Red admiral, Tumbling flower beetle, Harvester ant, Satyr comma, Carpenter bee, Aphid, Asian lady beetle

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0930: Arrived on site.

1000: Crew arrives on site. Irrigation is turned on.

1010: Crew begins to work in southern end of DG-8 working south towards DG-2.

1015: Two crew members go to check on irrigation.

1030: Observed three female hummingbirds foraging in Eucalyptus.

1033: Observed red-tailed hawk perch on sycamore next to retaining pond. Some feathers astray.

1105: Observed additional red-tailed hawk perch on adjacent eucalyptus and is begging for food. Both red-tailed hawks appear to be juveniles.

1210: Crew takes lunch.

1240: Crew returns to work. Majority of crew in Johnson Field. Two crew members go turn off the irrigation.

1340: Crew begins to wrap up work. Taking last removed vegetation to the dumpster.

Additional Comments

N/A

Signature

Amanda Martin



DG2_DG8_vegetation_removed_facingWest.jpg
-118.17149341111111 34.19224297222222



Red-tailed_hawk_perched_in_eucalyptus_facingNorth.jpg
-118.17116308888889 34.19270988888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:28	68 °F	0-3 MPH	0 %
End of Day	14:49	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Habitat restoration activities limited to removing invasive weeds along the east side of the Arroyo Seco in the north end of the restoration site
- 2). Equipment limited to hand tools.
- 3). Contractor is Gothic and includes 10 men plus the foreman Juan.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CAQU, CALT, RTHA, AMCR, BHGR, RWBL, CASJ, NUWO, CATH, SOSP, LEGO, HOFI, OATI, BUSH, ACWO, ANHU, SPTO, BGGN, WTSW, BEWR, Red-masked Parakeet, YEWA, OCWA

Herps: California toad, Great basin fence lizard

Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0620- ICF biologist arrived at today's work area in Johnson Field.

0630- Gothic arrived and mobilized.

0640- Crew at work removing invasive plant species from north end of restoration site.

0900- Crew on AM break.

0915- Crew returned to same location to continue with removing invasive plant species.

1200- Crew on lunch break.

1230- Crew back to work removing non-native invasive plant species in the same general location along the north end of the restoration site.

1445- Crew completed today's work and all personnel have departed from the site.

Additional Comments

N/A

Signature





Gothic_crew_mobilizing_Johnson_Field_FacingSoutheast.jpg
-118.17146385555556 34.19231108333333



Crew_removing_invasive_weeds_facingSouthwest.jpg
-118.17184955555555 34.191969388888886



Crew_removing_invasive_weeds_FacingSouth.jpg
-118.17072698888889 34.1917985

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	69 °F	0-3 MPH	5 %
End of Day	14:29	94 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed abatement
2. Hand tools (hoes, shovels), weed whacker
3. Nature's Image, crew lead Genaro

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, CAQU, BUSH, MODO, LEGO, CASJ, SOSP, HOFI, BGGN, RTHA, CALT, ACWO, AMCR, SPTO, WEKI, BEWR, ANHU, NRWS, EUCD, NUWO Western fence lizard, Western side-blotched lizard, Coastal whiptail, Desert cottontail, Coyote, Wood rat, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site

0642: Began sweep of work area (northern portion of DG-4) prior to work commencing.

0654: Work area cleared for work.

0700: Nature's Image crew begin weed abatement activities. -The crew removes non-native weed species, mainly poison hemlock (*Conium maculatum*), as well as some shortpod mustard (*Hirschfeldia incana*) and perennial pepperweed (*Lepidium latifolium*). The crew carries them off the site in tarps while leaving native species intact.

0925: Crew member begins weed abatement in DG-7 near eastern slope of reservoir, removing mustard.

1220: The crew continues in DG-4 except farther west to be under the shade of some large willow trees. The target weed species are the same as stated above.

1400: No nesting bird activity was observed today.

1415: Crew picks up last few tarps full of weeds and takes them to the kubota.

1430: Crew finishes cleaning up and I depart site.

Additional Comments

N/A

Signature





DG4_before_facingSouthwest.jpg
-118.17193609444445 34.19414069444444



DG4_during_facingSouthwest.jpg
-118.17197934166667 34.19411027777774



DG7_during_facingSouth.jpg
-118.17178418611111 34.19412702777775



DG4_after_facingSouthwest.jpg
-118.17199230555556 34.19415502777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	68 °F	0-3 MPH	0 %
End of Day	15:00	90 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Non-native plant and weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. One crew (10 people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SPTO, RCPA, BEWR, SOSF, OATI, HOFI, YEWA, LEGO, BHGR, ANHU, NUWO, CALT, BGGN, NOMO, MODO, CAKI, NRWS, GREG, CLSW, BARS, MALL, AMCO, KILL, RUDU, CATH, AMCR, BUSH, ALHU, CORA, COHA, OCWA, WTSW, WEFL, CASJ, CAQU, ACWO, TUVU

Amphibians: Western toad

Reptiles: Western fence lizard, Western whiptail

Mammals: California ground squirrel, Fox squirrel, Audubon's cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Arrive on site. Work today will consist of non-native weed removals within Johnson Field on the east portion of the site.

0800: Spoke with ECORP biologists (Carly, Josh, Justin) who are conducting plant transect surveys in Johnson Field.

0835: Flagged a new song sparrow nest By DG-2/3 slope failure at far south end of site.

0900: Crew takes a break.

0915: Crew resumes work in Johnson Field and works westward.

0930: No activity at Coopers hawk nest; presumably chicks have fledged and likely aren't utilizing nest at this time.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal in same work area.

1455: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Work_area_Johnson_Field_facingNortheast.jpg
-118.17162304722223 34.19136505555555



SOSP_nest_DG-2_facingNorthwest.JPG
-118.17290555555556 34.18832777777777



Coopers_hawk_nest_fledged_DG-2_facingSouth.jpg
-118.17170704722223 34.19003740277776



Weed_removal_JohnsonField_facingWest.jpg
-118.17132459444444 34.19158613888889

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	66 °F	0-3 MPH	5 %
End of Day	14:22	86 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Nonnative vegetation removal
2. Hand tools
3. Nature's Image (crew of six)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, SPTO, BGGN, CORA, SOSPO, parrot sp., BHGR, MODO, CAQU, CASJ, OATI, ALHU, CALT, BEWR, LEGO, NOMO, ANHU, Western toad, NUWO, BUSH, CLSW, Western fence lizard, RTHA, HOFI, ACWO, Coastal whiptail, BLPH, WREN, NRWS, CAKI, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Began pre-sweep of work area (DG-4).

0705: Relocated western toad. Crew began removing non-natives (primarily fireweed, mustard, and poison hemlock).

0725: Inactive ground nest found in mustard patch. Left nest undisturbed.

0829: California scrub-jay (CASJ-7) fledgling still being fed by parents. Fledgling moving around work area (mobile and able to fly) and is not affected by work activities.

0848-0920: Break.

1050-1140: Lunch.

1140: Due to hot temps, moved to more shaded areas. Work is still occurring in DG-4.

1215: Heard and observed lesser goldfinch fledgling begging in patch of thistle and mustard. No nest observed. Crew not working near fledgling.

1330-1345: Break.

1409: Clean up.

1422: End of day.

Additional Comments

N/A

Signature





Before_weeding_occured.jpg



Post_vegetation_removal.jpg



Pre-vegetation_removal.jpg



Post_vegetation_removal.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: June 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:23	66 °F	0-3 MPH	0 %
End of Day	14:41	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal monitoring.
2. Hand tools, eight.
3. Eight, Nature's Image, Genero and Raul.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, BHGR, Amazonia sp., BEWR, LEGO, BGGN, BUSH, NRWS, SPTO, MODO, RTHA, MALL, CAQU, NUWO, CAKI, AMCR, and ALHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Crew began arriving.
0630: Spoke to Genero about game plan for weeding in DG-4 by transects 2-4.
0640: We arrived at the weeding area and discussed the game plan.
0655: We finished discussing the plan and I began clearing the area.
0715: Crew began weeding near the start of transect 3 in DG-4.
0745: Lesser goldfinch (LEGO) fledgling observed begging for food from adults flying between shrubs low to the ground and far from the crew. No nest observed. Took generic point roughly North of LEGO_3 point and in line with blue California scrub-jay point.
0800: Genero informed me Ed is working on irrigation work right now and will be joining the weeding crew later in the day.
0850: Crew broke for first break.
0920: Crew returned from first break (including 10 min travel time round trip). Ed has finished irrigation and joined the weeding crew.
1020: Crew starting to periodically bring full tarps to dumpster.
1050: Crew broke for lunch.
1145: Crew returned from lunch (including 10-minute round trip travel time).
1200: Raul joined the crew to help.
1250: Raul left for the day.
1255: The crew has mainly been working in the dense mulefat to the west along transect line three.
1320: Crew broke for second break.
1345: Crew returned from second break (including 10 minute round trip travel time).
1420: Crew began cleaning up for the day.
1440: Crew finished putting everything away and is leaving site.

Additional Comments

N/A

Signature

Daniel Jensen



area_1_start_facingSouth.jpg
-118.17216583333334 34.19416694444444



area_1_after_facingSouth.jpg
-118.17219694444445 34.19419499999999



area_3_during_facingEast.jpg
-118.17244277777779 34.19375694444444



area_4_done_facingNortheast.jpg
-118.1724397222222 34.19386777777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	0 %
End of Day	15:00	86 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus crew lead Juan.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Bird: California Towhee, Red-crowned Parrot, Oak Titmouse, Red-tailed Hawk, Lesser Goldfinch, Cliff Swallow, Bushtit, Nuttall's Woodpecker, Bewick's Wren, Northern Mockingbird, Acorn Woodpecker, Black-headed Grosbeak, Phainopepla, Yellow Warbler, California Scrub Jay, Red-shouldered Hawk, Common Raven, House Wren, Cassin's Kingbird, California Thrasher, Canada Goose

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard, Coastal Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Inspected weeded veg piles to ensure all removals were of non-native and invasive species.

0845: Crew broke for break.

0900: Received a message from Josh Harris (ECORP) stating that during quantitative monitoring team heard a Yellow-breasted Chat (YBCH) in DG-2. Josh was informed that YBCH had been infrequently spotted in the area over the past few months and to be careful when traipsing through dense vegetation in the unlikely event a nest was present and not already known about.

1145: Crew broke for lunch.

All day - Crew worked on the upper slopes above Johnson Field pulling primarily mustard and non-native grasses (Festuca myuros, Bromus sp., etc)

Additional Comments

Signature





Crew_weeding_upper_slopes.jpg
-118.17145298055556 34.192791361111105



Slopes_post_invasive_grass_removal.jpg
-118.17147711111112 34.19281033333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:12	67 °F	0-3 MPH	0 %
End of Day	14:42	85 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Restoration activities today are limited to the removal of invasive non-native plant species.
- 2) Equipment used today is limited to hand tools such as hoe and shovel.
- 3) Crew from Gothic includes ten men plus one foreman, Juan.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CASJ, ACWO, CALT, SPTO, TUVU, CORA, ANHU, SOSPO, HOWR, BEWR, Red-masked parakeet, MODO, MALL, NOMO, PHAI, NRWS, WREN, HOFI, ALHU, BLPH, RTHA, LEGO, HOOR, CAQU, WEKI, BARS, WTSW, SAPH

Herps: Great basin fence lizard, California toad

Mammals: Desert cottontail, Coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615- ICF biologist arrived at Johnson Field staging area.

0630- Gothic crew arrived at Johnson Field staging area and mobilized for today's activities.

0645- Crew at work weeding within the southern half of DG-1.

0900- Crew on AM break.

0915- Crew back to work in DG-1 weeding invasive weeds.

1200- Crew on lunch break.

1230- Crew back to work in DG-1 weeding invasive weeds.

1430- Crew done weeding. Crew emptying pulled weed material into trash container and demobilizing for the day.

1442- Biologist leaving site

Additional Comments

N/A

Signature





Crew_removing_invasive_weeds_DG-1_FacingSouthwest.jpg
-118.16931894166667 34.19523475



Crew_removing_invasive_weeds_DG-1_facingNorthwest.jpg
-118.16912922222222 34.1952209027778



Crew_Removing_weeds_DG-1_facingNorthwest.jpg
-118.16870992777778 34.19555765277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	62 °F	0-3 MPH	0 %
End of Day	14:30	84 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed maintenance
2. Shovels, hoes
3. Natures Image (Genaro Vargas : foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, CALT, BHGR, ANHU, AMRO, BGGN, NUWO, BEWR, RCPA, NOMO, WREN, Western fence lizard, SPTO, CAQU, EUDO, CASJ, CATH, RTHA, NRWS, Rattlesnake sp., LEGO, Western toad, Side blotched lizard, Coastal whiptail, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived onsite.

0635: Genaro Vargas shows me both work areas for the day. Crew is working to clear transect lines #3 & 4. Their work areas are approximately 34.194255 N, 118.172270 W.

0830: Find tarp with plant material and trash left behind from another day. Alerted Genaro Vargas for removal.

0851: Crew breaks.

0914: Observed rattlesnake in work area along transect #4 under bushes while crew is on break. Marked as a hazard point on FieldMaps.

0917: Crew returns from break, moved crew to clear just area around transect #3 due to snake in area.

1034: Crew finds egg on floor, outside of nest. No nest observed in the immediate surrounding area.

1046: Crew breaks for lunch.

1138: Crew returns from lunch.

1318: Crew breaks.

1410: Crew starts cleaning up.

1430: Left site.

Additional Comments

N/A

Signature





WorkArea_transect4_facingNorthwest.jpg



WorkArea_transect3_facingNortheast.jpg



Found_egg_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	60 °F	4-6 MPH	0 %
End of Day	13:32	81 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (seven), hoes (eight).
3. Gothic Landscape crew of ten plus Juan as crew lead.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CALT, BLPH, NOMO, RCPA, SPTO, HOFI, WREN, BEWR, BHGB, CASJ, OATI, AMRO, MODO, ANHU, RTHA, NUWO, MALL, CAKI, PHAI, AMCR, CORA, TUVU, WEBU, HOWR, NRWS, CLSW, BGGN, DEJU, ALHU, YEWA, BARS, HOOR, BUSH, CAQU, COHA

Mammals: Coyote, Desert rabbit, California ground squirrel

Reptiles: Side-blotched lizard, Western fence lizard, Western whiptail

Amphibians: Western toad

Invertebrates: Dragonfly, Hairy tufted jumping spider, Honey bee, Cabage white, Harvester ant, Carpenter bee, Cochineal, Tumbling flowering beetles, American dotted blues, Gray buckeye, Western tiger swallowtail, Mourning cloak, Red admiral, California sister, Lady bug

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrived on site. The crew prepares for the day.

0645: Crew removes non-native vegetation from area where the trucks park. To prevent spreading seeds. Two crew members go to turn on irrigation and check lines for leaks.

0700: Crew heads to work area in DG-1, working their way north. Biologist monitors for any wildlife activity in DG-1 and surrounding work area.

0815: Observed western bluebird fledglings in sycamore.

0840: Observed house wren leave and return to nest cavity.

0900: Crew takes break.

0915: Crew returns to work.

0940: Observed barn swallow feeding another barn swallow perched next too retainment ponds.

0955: American robin gathering nesting material from algal mat in retainment pond. Western toads also hopping around on top of algal mats.

1015: Observed California scrub-jay fledgling fly to elderberry tree and begin begging for food. The fledgling then foraged some elderberries and a caterpillar then ceased begging.

1145: Observed the four Cooper's hawk fledglings hop around oak tree. One was eating something. Two were seen flying off towards adjacent oak trees.

1200: Crew takes lunch.

1230: Crew returns to work.

1320: Two juvenile red-tailed hawks in DG-1.

1330: Crew heads back towards dumpster to throw out last of removed vegetation for the day and turn off the irrigation.

Additional Comments
N/A

Signature

Amanda Amelio



Parking_area_vegetation_removed_facingWest.jpg
-118.17133348055556 34.192256961111106



DG1_pre_vegetation_removal_facingNorth.jpg
-118.16799991944445 34.198133111111105



DG1_post_vegetation_removal_facingNorth.jpg
-118.16799578055556 34.19803086111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: June 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	61 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed maintenance
2. Shovels, hoes
3. Natures Image (Genaro Vargas : foreman)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, NOMO, MODO, LEGO, BUSH, BEWR, SPTO, HOFI, CASJ, Western fence lizard, RCPA, CAQU, BGGN, AMCR, BHGR, Alligator lizard, Coastal whiptail, NUWO, Cottontail, CALT, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived onsite.

0630: Genaro Vargas (foreman) shows me work area. Crew working near transect #4 in DG-4. Approximately 34.194139 N, 118.172326 W.

0704: Crew starts working, mostly pulling poison hemlock.

0848: Crew breaks.

0923: Crew returns.

1044: Crew member finds active beehive in area locating under pile of sticks. Moved crew, marked as a hazard point on Fieldmaps.

1048: Crew breaks for lunch.

1136: Crew returns from lunch

1215: Notice male Nuttall's woodpecker (NUWO) behavior. Observe him e entering nest cavity in tree. Not observed after work was conducted near area. Nest status unknown, no fledglings geared from tree. Set up 25ft buffer, NUWO seems fine with crew presence, will change if needed. Marked as NUWO-04 in Fieldmaps.

1317: Crew breaks.

1350: Crew returns to area.

1408: Crew starts cleaning up for the day.

1430: Left site.

Additional Comments

N/A

Signature





Morning_Area_facingNortheast.jpg



NUWO_nest_facingNorthwest.jpg



Afternoon_area_facingSoutheast.jpg