

**First Quarter Compliance Report for Activities
Occurring
Between January 2024 and March 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 first quarter of 2024 (January through March). 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 22nd report (Quarterly Compliance Report Number 22) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between January 1 and March 31, 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 first quarter of 2024. As such, weekly breeding season focused least Bell's vireo surveys (per ITP Condition 7.3.4) were conducted beginning the first week of March 2024. A total of five focused breeding season least Bell's vireo surveys were conducted between March 1 and March 31, 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.

Date	Designated Biologist
03/01/24	Shelby Dunn
03/07/24	Taylor Dee
03/11/24	Shelby Dunn
03/20/24	Carla Marriner
03/28/24	Shelby Dunn

No least Bell’s vireos were observed or detected during the focused breeding season surveys during the first quarter of 2024. The least Bell’s vireo breeding season survey report for March 2024 is 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. Nesting bird season began towards the end of this reporting quarter and Designated Biologists began identifying active bird nests on the Project site and implementing appropriate no-work buffers around said nests. Table 2 shows Project working dates and the biological monitors that were present on each date.

Date	Restoration Monitors
01/01/24	No Work – New Year’s Day
01/02/24	Dawn Garcia, Amanda Martinez
01/03/24	Maddy Uetrecht, Kristen Klinefelter
01/04/24	David Torfeh, Kristen Klinefelter
01/05/24	Michael Walsh, Vincent Baker
01/08/24	Jessica Medrano, Kristen Klinefelter
01/09/24	Dawn Garcia, Kristin Klinefelter
01/10/24	Maddy Uetrecht, Cole Sutter
01/11/24	Maddy Uetrecht, Amanda Martinez
01/12/24	Michael Walsh, Vincent Baker
01/15/24	Jessica Medrano, Kristen Klinefelter
01/16/24	David Torfeh, Amanda Martinez
01/17/24	Maddy Uetrecht, Kristen Klinefelter
01/18/24	David Torfeh, Vincent Baker
01/19/24	Michael Walsh, Nicole Argueta

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01/22/24	No Work – Stillwater, Cole Sutter
01/23/24	David Torfeh, Kristen Klinefelter
01/24/24	Maddy Uetrecht, Kristen Klinefelter
01/25/24	David Torfeh, Nicole Argueta
01/26/24	Michael Walsh, Amanda Martinez
01/29/24	David Torfeh, Vincent Baker
01/30/24	Dawn Garcia, Kristen Klinefelter
01/31/24	Maddy Uetrecht, Amanda Martinez
02/01/24	No Work Due to Rain
02/02/24	Michael Walsh, Nicole Argueta
02/05/24	No Work Due to Rain
02/06/24	No Work Due to Rain
02/07/24	Maddy Uetrecht, ICF: No Work Due to Rain
02/08/24	David Torfeh, ICF: No Work Due to Rain
02/09/24	Michael Walsh, ICF: No Work Due to Rain
02/12/24	Jessica Medrano, Cole Sutter
02/13/24	Dawn Garcia, Kristen Klinefelter
02/14/24	David Torfeh, Kristen Klinefelter
02/15/24	Maddy Uetrecht, Amanda Martinez
02/16/24	Michael Walsh, Amanda Martinez
02/19/24	No Work – President’s Day
02/20/24	No Work Due to Rain
02/21/24	Michael Walsh, Cole Sutter
02/22/24	David Torfeh, Kristen Klinefelter
02/23/24	Maddy Uetrecht, Cole Sutter
02/26/24	Jessica Medrano, ICF: on hold
02/27/24	David Torfeh, ICF: on hold
02/28/24	David Torfeh, ICF: on hold
02/29/24	Maddy Uetrecht, ICF: on hold
03/01/24	Michael Walsh, ICF: on hold
03/04/24	Jessica Medrano, ICF: on hold
03/05/24	Dawn Garcia, ICF: on hold
03/06/24	Maddy Uetrecht, ICF: on hold
03/07/24	David Torfeh, ICF: on hold
03/08/24	Michael Walsh, ICF: on hold
03/11/24	Jessica Medrano, ICF: on hold
03/12/24	Dawn Garcia, ICF: on hold
03/13/24	Maddy Uetrecht, ICF: on hold
03/14/24	David Torfeh, ICF: on hold
03/15/24	Michael Walsh, ICF: on hold
03/18/24	Daniel Jaques, ICF: on hold
03/19/24	Madison Panzino, ICF: on hold
03/20/24	Sam Harrison, ICF: on hold
03/21/24	Eliza McLean, ICF: on hold
03/22/24	Amber Francis, ICF: on hold
03/25/24	Carly Tailor, Cole Sutter
03/26/24	Madison Panzino, Kristen Klinefelter
03/27/24	Carly Tailor, Kristen Klinefelter
03/28/24	Madison Panzino, Cole Sutter
03/29/24	Eliza McLean, Vincent Baker
No construction monitoring occurred because no construction activities occurred during the first 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 first 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 January 2, 2024 through March 31, 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*), castor bean (*Ricinus communis*), tree of heaven (*Ailanthus altissima*), tree tobacco (*Nicotiana glauca*), hairy bittercress (*Cardamine hirsute*), ripgut brome (*Bromus diandrus*), cheatgrass (*Bromus tectorum*), red stemmed filaree (*Erodium cicutarium*), and thistle (*Carduus pycnocephalus*), and native plants that were choking out container plants primarily nightshade (*Solanum douglasii*) and dodder (*Cuscuta* sp.) were removed from DG-1, DG-2, DG-2B, DG-2 WOUS, DG-2 new channels, DG-W-2 Mining Pit, DG-2 sheetflow, DG-3A, DG-3B, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 WOUS islands, DG-4 drainage, DG-4 sheetflow, 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.
- Nursery plants including elderberry (*Sambucus nigra* ssp. *caerulea*), Pacific blackberry (*Rubus ursinus*), California rose (*Rosa californica*), coyote brush (*Baccharis pilularis*), California mugwort (*Artemisia douglasiana*) and cottonwood (*Populus fremontii*) were planted and caged in DG-W-2 Mining Pit, DG-4A.
- Existing irrigation systems were maintained, and irrigation systems were installed in DG-4A.

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 April 1, 2024 to June 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 occurred during the 2024 first quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2024 first 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 first 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	No construction ground-disturbing activities occurred during the first quarter of 2024. As such, no preconstruction surveys for sensitive wildlife species took place during the first quarter of 2024. Breeding season surveys for least Bell's vireo were initiated during the first week of March 2024. Least Bell's vireo were not documented during the first quarter 2024

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					Initial	Date	Remarks
							reporting period. The implementation of this measure will be completed during the second quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 2 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	Preconstruction nesting bird surveys will begin in June prior to Annual Sediment Removal Project activities scheduled to begin in 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 first quarter 2024 reporting period. The implementation of this measure will be completed during the second quarter 2024 reporting period and will be discussed in the subsequent quarterly report (Quarter 2 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</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

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					Initial	Date	Remarks
<p>shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> 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>							<p>this measure were required during the 2024 first quarter reporting period.</p>
<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 	<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 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2024 first quarter reporting period.</p>

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>species richness (number of different plant species).</p> <ul style="list-style-type: none"> • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant (if applicable) and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. • 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"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ 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. 							

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

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					Initial	Date	Remarks
<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-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> • 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 	<p>Pre-Sediment Removal; Sediment Removal; 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		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2024 first 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 	<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 first quarter reporting period.

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use.</p> <ul style="list-style-type: none"> • Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> ○ Site-specific container plant and seed palettes, ○ Irrigation plan, ○ Nonnative and invasive plant species removal, ○ Maintenance and monitoring schedule, ○ Qualitative and quantitative monitoring methodologies, ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. • 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"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ 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. 							

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

*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 Report March 2024

Appendix B – Habitat Restoration Monitoring Logs

Least Bell's Vireo Breeding Season Survey Report March 2024

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: March 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 March 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 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 March 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
3/1/24	SD	0625	1035	51	61	85	100	0-1	1-3
3/7/24	TD	0730	1100	51	61	5	15	0-2	0-2
3/11/24	SD	0720	1100	46	55	20	45	0-1	0-1
3/20/24	CM	0645	1110	53	64	20	40	1-3	0-2
3/28/24	SD	0650	1100	48	66	0	10	0-1	0-1

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

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

DISCUSSION

Five focused breeding season surveys for least Bell’s vireo conducted in March 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 5, 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: Shelby Dunn
Submitted Time: 03/01/2024 11:49 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:25	51°F	0-1 MPH	85 %
End of Day	10:35	61 °F	1-3 MPH	100 %

Date Observed

March 1, 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

Observed an active CASJ nest and COHA nest marked in field maps

Incidental Species Observed

LEGO SPTO NUWO MODO CAKI CALT PUF1 AMCR ACWO EUCD NOFL ANHU BEWR SOSP CAQU RCPA
WREN AMRO YRWA CASJ COHA RTHA RCKI GREG HOFI HOWR WTSW AMCO MALL AMWI CITE NRWS
CATH BLPH BUSH California ground squirrel Coyote

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor Dee
Submitted Time: 03/07/2024 12:03 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	51°F	0-2 MPH	5 %
End of Day	11:00	61 °F	0-2 MPH	15 %

Date Observed

March 7, 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

Reservoir is very full with water flooding many of the restoration areas along the reservoir. Most willows lack foliage; however some are starting to bud.

Incidental Species Observed

ECDO, CALT, CASJ, SOSP, WREN, BUSH, HOWR, CAQU, BEWR, ACWO, ANHU, AMCR, NUWO, NOFL, RCKI, BGGN, YRWA, SPTO, desert cottontail, LEGO, HOFI, BLPH, CORA, NRWS, AMGO, KILL, COHA, ALHU, WTSW, EUST, CAKI, WEBL, California ground squirrel, MODO, NOMO, WCSP, western fence lizard, MALL, OATI, RSHA, DEJU, AMWI, HUVI, coyote, VGSW, MUDU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 03/11/2024 11:49 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:20	46°F	0-1 MPH	20 %
End of Day	11:00	55 °F	0-1 MPH	45 %

Date Observed
March 11, 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

AMRO MODO SPTO NUWO EUCD RCPA CAKI ACWO CALT SOSP CASJ AMCR WREN ANHU NOFL NOMO
CAQU YRWA BEWR BUSH KILL WCSP BGGN CANG AGOL HOFI AMCO GREG RCKI MALL RNDU CITE DEJU
RTHA WTSW HOWR OATI CATH NRWS BLPH OCWA TOWA WIWA DOWO cotton tail Side blotched lizard Mole
California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Carla Marriner
Submitted Time: 03/20/2024 11:53 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	53°F	1-3 MPH	20 %
End of Day	11:10	64 °F	0-2 MPH	40 %

Date Observed

March 20, 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

BEWR NOMO MODO HOFI CATH AMCR SPTO SOSP CALT CASJ ACWO CAQU NOFL BGGG OCWA
ANHU OATI BHGR RTHA CORA Western toad Western fenced lizard Side blotched lizard

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Shelby Dunn
Submitted Time: 03/28/2024 11:15 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	48°F	0-1 MPH	0 %
End of Day	11:00	66 °F	0-1 MPH	10 %

Date Observed
March 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
0

Locations
N/A

Additional Notes

Incidental Species Observed
ACWO ANHU CASJ CAKI HOFI SPTO NUWO NOFL RNDU GBHE SOSM MODO WCSP CAQU BUSH AMCR
CALT KILL RUDU BEWR RCPA CANG LEGO AMRO YRWA BGGN COHA MALL NRWS NOMO HOWR ALHU
OCWA RCKI WTSW BLPH RSHA DOWO OATI COYE BUFF WREN CATH western toad Western fenced lizard Side
blotched lizard Cotton tail California ground squirrel

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	14:00	63 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image two crews, Genero and Augustine plus eight crew. Removing invasive solanum and hemlock with hand tools. Two more on irrigation check.

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, OCWA, RCKI, AMCR, RCPA, HUVI, NUWO, BEWR, BLPH, CALT, COHA, NOFL, OATI, CSJA, BUSH, ORJU, YRWA, BTGW, GREG, LEGO, ANHU, ALHU, OCWA, ACWO, CAQU, DOWO, TOWA, MODO, CAKI .
In Reservoir: CANG, MALL, LESC, RNDU, RUDD, BUFF, PBGR, AMCO, AMWI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Go to site southernmost clearing where the crew will remove solanum from most of the area. The site was recently replanted with small shrubs due to high mortality here. Some of the stakes have survived, and new plantings are small but alive. The crew finishes up in this area by the end of the day.

1200: Moves to the very south end of the restoration site DG-4 and weeds around older mulefat and rose plantings. Finishes up with hand tools by 1330.

Additional Comments

I saw two of the continuing bird rarities chestnut-sided warbler (an eastern warbler) and Cassin's vireo (neotropical migrant that we see during migration not wintering). Many birders are documenting daily from the pathway along the restoration. Being respectful of not trespassing on what I see.

Signature





Southernmost_clearing_DG4A_Solanum_removal_looking-North.jpg
-118.17741195555556 34.18889229166666



Example_of_thick_patch_solanum_growth.jpg
-118.17746995833333 34.18899958333333



Area_cleared_of_solanun_looking_north.jpg
-118.1773728888889 34.1888056666666



Weed_removal_south_end_planted_area.jpg
-118.17714030555555 34.1868425

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	10 %
End of Day	14:45	62 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Tarps (2), hula hoes (5), hoes (3), rake (1), and snips.
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: AMCR, CORA, CALT, RCPA, ACWO, LEGO, NOFL, CAKI, MODO, BEWR, YRWA, CANG, SOSF, DOWO, BLPH, HOFI, KILL, WCSP, MALL, BUFF, ANHU, WREN, RTHA, CASJ, NOMO, WEME, MAKE
Mammals: Coyote, Pocket gopher, California ground squirrel
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.
0645: Crew begins work in DG-2 working their way North into DG-8.
0730: Biologist monitors surrounding work area for any wildlife.
0900: Crew takes break.
0915: Crew heads back to work in DG-1.
1150: Crew heads over to rest area for lunch.
1130: Crew heads back to work in DG-1.
1435: Crew heads back to rest area to put away tools and tarps.

Additional Comments

N/A

Signature





DG2&8_vegetation_removed_facingSoutheast.jpg
-118.1713190888889 34.1929879166667



DG8_pre_vegetation_removal_facingNorth.jpg
-118.17097631944445 34.19336693055555



DG8_post_vegetation_removal_facingNorth.jpg
-118.1710672388889 34.1934160277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	100 %
End of Day	14:30	58 °F	7-9 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 10 weeding in DG-4 CSS.

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, AMCR, ACWO, CASJ, ANHU, CALT, RCKI, YRWA, HOFI, WCSP, WREN, CAQU, BGGN, SOSP, CATH, BEWR, desert cottontail, SPTO, NOMO, CAKI, LEGO, BLPH, NOFL, EUST, ALHU, OATI, RTHA, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew, wait for the rain to stop.

0750: Pre-construction bird survey.

0820: Monitor weeding crew.

1415: Crew finished weeding.

1430: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20240103-DG-4_before_weeding_facingEast.jpg
-118.1729104638889 34.19532065555555



photo_2-20240103-DG-4_before_weeding_facingNorth.jpg
-118.17286308333334 34.195341694444444



photo_3-20240103-DG-4_after_weeding_facingEast.jpg
-118.17290353888889 34.19530030555556



photo_4-20240103-DG-4_after_weeding_facingNorth.jpg
-118.17285890833334 34.195335111111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 3, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:55	64 °F	0-3 MPH	40 %

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, CEDW, WEME, RWBL, SPTO, NOFL, AMRO, AMKE, KILL

Reptiles: NA

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. Biologist gave new worker Aldo the environmental training.

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 and DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG1_facingNorth.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	20 %
End of Day	14:55	62 °F	0-3 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 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, AMKE, KILL.

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-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 and DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1300: Crew finishes work in DG-1 and starts weeding in DG-2 near Johnson Field

1450: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG1_facingN

Signature





invasive_removal_DG1_facingNorth.jpg



Invasive_removal_DG2_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	36 °F	0-3 MPH	5 %
End of Day	14:15	63 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of plants (mostly nightshade, pepperweed, and some curly dock) inhibiting growth of desired native plants. Crew of ten Nature's Image workers, four supervised by Augustine and six by Genaro Gomez. Raul present. Only 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:

SPTO, BEWR, AMCR, RCPA, YRWA, NUWO, CAKI, HOFI, CANG, OCWA, RCKI, CALT, LEGO, CASJ, MODO, DOWO, big-eared woodrat nest, HUVI, MALL, ANHU, EUST, SOSP, BUSH, BTYW, GCSP singing, ACWO, WCSP, OATI, Eastern fox squirrel, California ground squirrel, COYE, WIWA, CORA, CATH, NOFL, DEJU, frog species vocalizing, TOWA, BUFF, LESC, RUDU, AMWI, DUFL, CAVI singing, RSHA, RTHA, Red Admiral, Gulf fritillary, ALHU, CSWA (immature female) seen calling, PUF1.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: Preparation.

0700-0720: Checked DG-4A southern Primrose (low area) for nests and special status species; none found.

0723-1415: Weeding proceeds.

1415: Log done.

Additional Comments

Rained a few days ago; muddy in places.

Signature





photo_1-20240104-DG-4A_Primrose_south-lookingEast-before.jpg
-118.176955 34.18965166666666



photo_2-20240104-DG-4A_Primrose_south-lookingEast-after.jpg
-118.17691500000001 34.18967166666666



photo_3-20240104-DG-4A-Primrose_south-lookingSoutheast-before.jpg
-118.176955 34.18965166666666



photo_4-20240104-DG-4A-Primrose_south-lookingSoutheast-after.jpg
-118.17693333333334 34.18969

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48 °F	0-3 MPH	50 %
End of Day	12:25	59 °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

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: COHA, CORA, BEWR, YRWA, CASJ, CALT, ALHU, WCSP, RCKI, LEGO, NOFL, NUWO, ACWO, SPTO, AMCR, CEWA, BUSH, SOSP, CATH, CANG, ANHU, RNDU, MALL, RCPA, BGGN, OATI, RUDU, BLPH, AMWI, RTHA, WODU, AMCO, TOWA, OCWA, CAVI, LISP, BTYW, DEJU, HUVI, ECDO, MODO, SAPH, CAKI, TUVU, WEBL, TEWA, HETH, RSHA, COYE, WREN, NAWA

Reptiles: N/A

Mammals: California ground squirrel, Desert cottontail, Fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrive on site at same time as one of the Gothic trucks. Remaining Gothic crew arrives on site. Crew begins weeding along the hydroseeded western slopes of DG-2 and works southward through DG-2 towards DG-3.

0900: Crew takes break and resumes work after.

0945: Crew continues eastward through the restoration site targeting *Conium maculatum* and non-native grasses.

1200: Gothic crew finishes work and leaves for Las Vegas.

Additional Comments

N/A

Signature





Gothic_removing_nonnatives.jpg
-118.17229919444445 34.19072869444444



Collected_weeds_DG-2_facingNorthwest.jpg
-118.172448825 34.19004943333333



Work_DG-2_WestSlopes_facingNorth.jpg
-118.17266784722223 34.189175569444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	95 %
End of Day	14:30	62 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five weeding in DG-4A/DG-4

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, SOSA, WCSP, BUSH, BEWR, CANG, LEGO, YRWA, SPTO, WREN, NUWO, DEJU, NOFL, ANHU, RNDU, AMWI, BUFF, AMCO, AMCR, RCPA, RUDU, MALL, LESC, OATI, CAVI, RCKI, BTYW, ACWO, CAQU, BTPI, MODD, CASJ, BGGN, California ground squirrel, Western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, surveyed work area while crew set up.

0645: Cleared crew to work in DG-4A. The specific work area was the "center primrose" field, the last of the large openings as you head south. Primary target was a native, *Solanum douglasii*, that is choking out container plants. It is mixed in with poison hemlock and *Rumex crispus*.

0945: Observed an ANHU with nesting materials (cotton from a willow pappus). Took multiple trips into oak woodland, was unable to locate a nest to confirm; it only took 2 trips. Added point in fieldmaps.

1300: Crew moves into nearby section of DG-4.

1420: Crew starts wrapping up for the day.

Additional Comments

N/A

Signature





photo_1-20240105-pre_weeding_facingEast.jpg
-118.1766296388889 34.189531099999996



photo_2-20240105-postweeding_facingEast.jpg
-118.1766132222223 34.189510694444444



photo_3-20240105-pre_weeding_facingNorth.jpg
-118.176499 34.189667611111105



photo_4-20240105-post_weeding_facingNorth.jpg
-118.1765135 34.189647063888884

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	30 %
End of Day	14:45	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

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

Reptiles: Western fence lizard

Mammals: California ground squirrel, Desert cottontail, Coyote

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

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

0900: Crew takes a break.

0915: Crew continues invasive species removal in the Side Slopes.

1200: Crew breaks for lunch.

1230: Crew begins work in DG-3B.

1435: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_side_slopes_facingS

Signature





Invasive_removal_side_slopes_facingSouth.jpg



Invasive_removal_DG-3B_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: January 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	4-6 MPH	80 %
End of Day	14:00	58 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation Clearing
2. Hula how's, tarps, hang gloves
3. Five Natures image staff including the 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:

BEWR, YRWA, CANG, CALT, HOFI, CASJ, ANHU, AMCR, SPTO, WCSP, LEGO, BUSH, BLPH, MALL, MODO, RTHA, RCPA, DEJU, DOWO, RCKI, CAQU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Go over areas team will be working in, survey.

0720: Area cleared, crew begins working in area clearing weeds.

0930: One field crew member breaks off to finish weeding an area about six feet West from the rest of the crew.

Survey area for clearance.

1000: Crew continues to weed.

1230: Tree trimmers begin to work near by, no major disturbance to birds in area seen.

0200: Crew begins to remove tarps from the area and wrap up for the day. Fill out survey data, after photos.

Additional Comments

Only 5 person crew today therefore they were unable to start second area pictured as photo 3 above. Crew overall made good progress and asks good questions about birds when curious or hearing calls. One crew member worked backwards (back of the area pictured making his way to the front) but I did not anticipate that therefore no before photo was taken.

Signature





photo_1-20240108-before-facingNorth-DG4A.jpg
-118.17643086111111 34.18928197222222



photo_2-20240108-after-facingNorth-DG4A.jpg
-118.17644994444444 34.18956487222222



photo_3-20240108-before-facingEast-DG4A.jpg
-118.1765075555556 34.1894711277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	36 °F	0-3 MPH	0 %
End of Day	13:45	60 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Genero and Tatiana will go pick up plants this morning. I will inspect on arrival. Charlie removing tall cages under mature forest from years ago. Crew of five weeding in planting area. All plant, inser drip lines for new plantings.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, SPTO, BEWR, CAKI, SOSP, COHA adult, AMCR, WCSP, CSJA, NOFL, WBNU, CANG (over 100 in the morning, coyote protection?) WREN, BGGN, MODO, ECDO, OATI, LEGO, PUF1, BUSH, RCKI, WREN, NUWO, LEGO, CAQU, CATH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Genero takes me to weeding/planting area, southeast mining pit. Lots of poison hemlock to remove before plants arrive for the day.

0700: Crew starts weeding, I pull some cages off large plantings. These can be used in new planting area. Plants come mid-morning. I count, all are here and in good health.

1200: All plantings, irrigating the cleared area. 48 plantings of the eight riparian spp. Charlie cut the cages off of at least 20 older plantings entrapped in the mature forest DG4A.

Additional Comments

Ground hard and vegetation frosty at start up.

Signature





Pre-weed_prep_for_planting_facing_North.jpg
-118.1741042888889 34.192645



Planting_irrigation_efforts_looking_West_DGW2.jpg
-118.17407872222223 34.19265630555555



All_549_plants_look_healthy.jpg
-118.1752635 34.19237279444444



New_plantings_installes_irrigated_protected.jpg
-118.1740855138889 34.192599861111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	0-3 MPH	25 %
End of Day	14:55	64 °F	0-3 MPH	15 %

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: LISP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO
BLPH WREN MODO ALHU RTHA BUSH NOMO CAKI SAPH LEGO HUVI CAQU RCKI RSHA OCWA AGOL RNDU
EGGO BARS CLSW NAWA CATH WIWA MIPA BGGN BUOR EUCD LASP NUWO BTPI LEGO DEJU CAQU
NOMO TUVU BEWR COYE CEWA WEME RCKI RWBL SPTO LEGO NOFL AMRO RSHA KILL Reptiles: NA
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 begins work in DG-2. 1445: Crew stops work for the day.

Additional Comments

Crews have started scarifying unvegetated paths throughout the site to promote growth and narrow the paths (since these areas will eventually need to be vegetated after project completion).

Signature





Invasive_removal_DG-2_facingN

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 10, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	4-6 MPH	0 %
End of Day	13:30	59 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of seven weeding, installing irrigation, and digging holes in DG-W-2 mining pit to prep for planting this area tomorrow.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, WREN, BUSH, RCKI, WCSP, CALT, CAQU, ACWO, CAKI, coyote, BEWR, AMCR, NOFL, NUWO, CASJ, ANHU, CORA, RCPA, CANG, EUCD, WEBL, LEGO, CATH, SOSP, RTHA, YRWA, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Preparing with the crew.

0640: Pre-construction bird survey.

0710: Monitor crew.

1330: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240110-mining_pit_before_weeding_facingWest.jpg
-118.17407479444445 34.19255280555555



photo_2-20240110-mining_pit_before_weeding_facingEast.jpg
-118.17406029722223 34.19255230555555



photo_3-20240110-mining_pit_after_weeding_facingWest.jpg
-118.17409333333333 34.19256319444444



photo_4-20240110-mining_pit_after_weeding_facingEast.jpg
-118.17407413888889 34.19257302777776

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	34 °F	4-6 MPH	0 %
End of Day	14:45	55 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Trail maintenance and scarification, weed removal.
2. Hand tools (hoes, rakes, shovels) and hand pulling.
3. Gothic crew of 10 plus 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: California towhee, Acorn woodpecker, Ruby-crowned kinglet, Bewick's wren, Yellow-rumped warbler, White-crowned sparrow, Wrentit, California thrasher, Great egret, Mallard, Ruddy duck, Red-crowned parrot, American crow, Ring-billed duck, American coot, Red-tailed hawk, Red-shouldered hawk, Mourning dove, Common raven, Spotted towhee, Anna's hummingbird, California scrub jay, Nuttall's woodpecker, Northern flicker, Western meadowlark, Western bluebird, Mountain quail
Mammals: Audubon's cottontail, Fox squirrel
Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0700: Biologist walked the areas in which the crew were working up towards to ensure there was nothing that needed to be avoided.

0900: Crew broke for break.

1030: Biologist walked the extent of the East side, searching for any early invasive plant growth.

1145: Crew broke for lunch.

1445: Crew wrapped up work and departed site. All day - Crew scarified/tilled soil along and adjacent to the paths in Johnson Field.

Additional Comments

N/A

Signature





Recently_scarified_soil.jpg
-118.17172856111111 34.19127972222222



Crew_scarifying_trail.jpg
-118.17172454166668 34.191282611111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	13-15 MPH	0 %
End of Day	13:00	59 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight weeding in DG-4A dirt pile.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, LEGO, BGGN, desert cottontail, CAKI, BEWR, CALT, AMCR, WCSP, EUCD, RTHA, CASJ, NOFL, WREN, TUVU, COHA, YRWA, HOFI, CAQU, California ground squirrel, CATH, ANHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Preparing with crew.

0700: Pre-construction bird survey.

0720: We decided not to work in this area due to the risk of tree branches falling in the wind (gusts up to 40mph today).

0730: Pre-construction bird survey in DG-4A dirt pile.

0740: Monitor weeding crew.

1300: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240111-DG-4A_before_weeding_facingEast.jpg
-118.17239084444445 34.19360038888889



photo_2-20240111-DG-4A_before_weeding_facingSouth.jpg
-118.17241083888889 34.193583999999994



photo_3-20240111-DG-4A_after_weeding_facingEast.jpg
-118.17239449444445 34.19362238888888



photo_4-20240111-204531DG-4A_after_weeding_facingSouth.jpg
-118.17241301111112 34.19358980555554

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	13-15 MPH	5 %
End of Day	14:53	60 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Scarifying paths within restoration area.
2. Hoes (nine) and rakes (three).
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: CORA, YRWA, RCPA, AMCR, RCKI, CALT, WCSP, SPTO, BEWR, CANG, AMCO, MALL, RSHA, BUFF, LESC, KILL, NOFL, ANHU, CAKI, WETA, HOFI, ACWO, WEME, BTPI, WTSW, RTHA, BGGN, WREN, SOSP, LEGO, BLPH

Mammals: California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.
0645: Crew heads to Johnson Field to scarify the paths within the restoration area.
0700: Biologist monitors restoration area for any wildlife.
0900: Crew takes break.
0915: Crew returns to work area in Johnson Field.
1200: Crew takes lunch.
1230: Crew returns to work in DG-2 working south.
1435: Crew begins to head out of restoration area.
1443: Crew puts away tools.

Additional Comments

N/A

Signature





JohnsonField_pre_scarifying_facingNorthwest.jpg
-118.17117156944445 34.19180239999999



JohnsonField_post_scarifying_facingNortheast.jpg
-118.1711877888889 34.19179708333333



DG2_pre_scarifying_facingSouth.jpg
-118.1724306 34.190699027777775



DG2_post_scarifying_facingSouth.jpg
-118.17243943055556 34.19069230555555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:28	42 °F	0-3 MPH	0 %
End of Day	12:23	57 °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

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: ACWO, CATH, YRWA, HOFI, WCSP, BEWR, RCKI, AMCR, CEDW, CANG, WREN, RNDU, CALT, MALL, AMCO, LEGO, SOSP, RCPA, CAKI, KILL, SAPH, MODO, RUDU, RTHA, BLPH, SPTO, BUSH, ANHU, OCWA, WIWA, NOFL, DEJU, TOWA, BAWW, BTYW, CAVI, OATI, HUVI, COYE, CASJ, BGGN, CAQU, CORA, NAWA

Reptiles: N/A

Mammals: California ground squirrel, desert cottontail, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of tilling soil along the hinge of the eastern slope along DG-2 and will be finishing this remaining section today. Work continuing from previous in the week.

0900: Crew takes break and resumes work after.

0930: Crew continues tilling the trails running through the interior of DG-2.

1200: Gothic crew finishes work and leaves for Las Vegas.

Additional Comments

N/A

Signature





Tilling_DG-2_facingNorth.jpg
-118.17315262777778 34.18823194444444



Post-tilling_DG-2_facingSouth.jpg
-118.1728015 34.18889188888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	15:00	59 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight weeding and planting in DG-W-2 mining pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BUSH, WCSP, CATH, BEWR, CALT, CANG, YRWA, BGGN, MODO, ACWO, LEGO, CAKI, CASJ, AMCR, NUWO, RCPA, PUFI, ANHU, WREN, BTPI, ECDO, CEDW, WBNU, EUST, DEJU, NOFL, HOFI, OATI, RCKI, OCWA, RNDU, MALL, BUFF, SPTO, BLPH, RSHA, DOWO, CAQU, Baja California chorus frog, San Diego alligator lizard, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew, surveyed work area while they set up.

0650: Monitored weeding and installation of plants (48, 8 of each) in the eastern half of the mining pit. Very cold- frost on ground. Weeding targets included poison hemlock and mustard in areas to be planted.

1230: Surveyed DG-4A for planting locations.

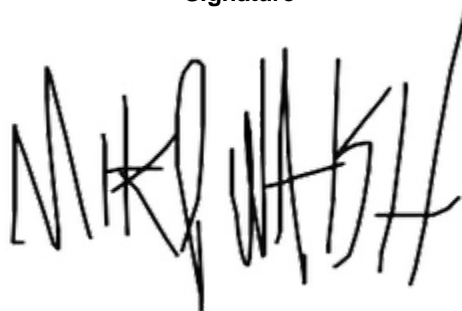
1300: Resumed monitoring.

1445: Crew starts wrapping up, inspected site and left.

Additional Comments

N/A

Signature





photo_1-20240112-pre_weeding&planting_facingNorth.jpg
-118.17386558333334 34.19253951944444



photo_2-20240112-post_weeding&planting_facingNorth.jpg
-118.17386733333333 34.19253652777776



photo_3-20240112-new_plant_installs_facingNorthwest.jpg
-118.1740175638889 34.192655261111106



photo_4-20240112-closeup_container_plant_facingEast.jpg
-118.1741706666667 34.19252409722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	60 %
End of Day	14:57	66 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

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

Reptiles: NA

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. Crews also began scarifying unvegetated, compacted paths within the restoration area to promote growth and narrow the paths (with the long-term goal of these areas being vegetated after project completion).

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

1230: Crew begins work in DG-2.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: January 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	90 %
End of Day	14:30	64 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Planting in DG-4A.
2. Shovels, cages for plants, stakes, gloves.
3. Six Natures Image staff including field 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:

MODO, ANHU, HOFI, YRWA, LEGO, BLPH, BEWR, BUSH, NUWO, RCKI, RCPA, CASJ, DEJU, CORA, CALT, AMCR, OATI, WCSP, SOSP, Cottontail, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site, lead goes over today's plan.

0645: Sunrise, begin surveying.

0730: Area cleared, crew begins to do minimal weeding, sets up plants, dig holes.

0930: Planting begins, while some of the crew continues to dig holes and protective cages are secured.

1200: Planting and cage install continues.

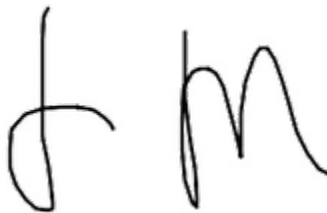
1230: Microline and irrigation installation/fixes.

1300: Water all plants.

1430: Crew completed planting for the day, wraps up. Take after photos, fill out log. 96 plants planted in total. Plants from today: 16 Elderberry, 16 Blackberries, 16 California rose, 16 Coyote bush, 16 Mugwort, 16 Cotton wood, Total 96.

Additional Comments

Signature





photo_1-20240115-Before-DG4A-FacingWest.jpg
-118.17692305555556 34.18961233333333



photo_2-20240115--After-DG4A-FacingWest.jpg
-118.17693955555556 34.18962713333333



photo_3-20240115--Before-DG4A-FacingEast.jpg
-118.17694583333333 34.18961658333333



photo_4-20240115-After-DG4A-FacingEast.jpg
-118.17695258333333 34.18966727777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	40 °F	0-3 MPH	5 %
End of Day	13:15	77 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration planting activities using hand tools and plant cages. Crew of seven Nature's Image workers supervised by Genaro Gomez. As usual, two of the workers were assigned to irrigation.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, ECDO, CEDW, BEWR, WCSP, OCWA, numerous AMCR, CASJ, BUSH, HUVI, MODO, NUWO, SOSP, LEGO, CAKI, RCKI, RCPA, WEBL, OATI, YRWA, RTHA with nesting material next to main parking lot (see RTHA_X in Field Maps), CALT, HOFI, ANHU, big-eared woodrat nest, CATH, AMCO, desert cottontail, HOWR, Mourning cloak, Eastern fox squirrel, NOFL, BLPH, TOWA, California ground squirrel, COHA, Cloudless Sulphur, CORA, RSHA, ALHU, Gulf fritillary, Western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0710: Preparation. Edison trucks blocking storage container area access until 0700.

0715-0736: Checked southern Primrose (low area) where planting will take place for nests and special status species. None found. Roughly 160 American crows gathered in trees squawking as if mobbing raptor, but no raptor found.

0738-1300: Planting and cage installation proceed. Edison working with trucks and lifts on public trail.

1315: Log done.

Additional Comments

At start of day, ground was wet.

Signature





photo_1-20240116-DG-4A_south_Primrose-lookingSouth-at_25_minutes.jpg
-118.17643166666667 34.189589999999995



photo_2-20240116-DG-4A-south_Primrose-lookingSoutheast_closer_up-after.jpg
-118.17647000000001 34.189539999999994



photo_3-20240116-DG-4A-south_Primrose-lookingWest-at_25_minutes.jpg
-118.17649 34.189595



photo_4-20240116-DG-4A-south_Primrose-lookingWest-after.jpg
-118.17644333333334 34.18960333333333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	5 °F	0-3 MPH	0 %
End of Day	14:50	70 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal and soil scarification.
2. Tarps (5), hoes (4), hula hoes (6), 5-gallon buckets (3).
3. Gothic Landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CORA, WREN, HOFI, DEJU, HOFI, CATH, SPTO, BUSH, YRWA, ROPI, AMCR, NOFL, ANHU, RCPA, WCSP, RTHA, RSHA, MALL, AMCO, KILL, CASJ, SOSP, RCKI, HOWR, BTPI, WEBL, BLPH, ACWO, CAKI, CAQU, LEGO, CALT, NOMO

Mammals: Fox squirrel, California ground squirrel

Reptiles: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew heads to start work in DG-2 working south towards DG-3B. Biologist monitors surrounding work area for any wildlife.

0750: Crew works on slope below DG-3B working north.

0800: Tarps consist of non-natives (mainly poison hemlock and mustard) and trash.

0900: Crew takes break.

0915: Crew gets ready to head back to work at south end of site in DG-2. Three crew members go to water the most recent plantings.

1145: Crew heads back to rest area. Two red-shouldered hawks mobbing a red-tailed hawk perched on spit along trail in DG-2B.

1230: Three crew members go to work on irrigation. The rest of the crew head back to work in DG-2.

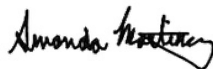
1430: Crew begins heading back to rest area.

1440: Crew puts away tools for the day.

Additional Comments

N/A

Signature





DG3A_vegetation_removed_facingEast1.jpg
-118.17301583888889 34.18791466111111



DG2_vegetation_removed_facingSoutheast.jpg
-118.17289568055556 34.18852345



DG2_vegetation_removed_facingWest1.jpg
-118.17253485 34.18886511944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 17, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	13:30	59 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight weeding and planting in DG-4A primrose drainage.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CAQU, RCPA, SPTO, BEWR, CATH, SOSP, ANHU, Desert cottontail, AMCR, LEGO, OATI, CALT, CASJ, BLPH, MODO, EUCD, BUSH, YRWA, GREG, WREN, COHA, KILL, RSHA, CAKI, DEJU, NUWO, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0645: Pre-construction bird survey.

0710: Found a dead rat on the ground. Called Mike to coordinate. Marked location on field maps, flagged rat, and flagged five nearby middens. It doesn't look like the crew is responsible, it might have been dead for some time already.

0730: Monitor crew.

1200: Retrain crew on how to avoid disturbing woodrat middens.

1210: Monitor crew.

1330: Crew finished weeding and planting, completed daily log 42 plants planted today (11 coyote brush, eight rose, 11 blackberry, six cottonwood, four elderberry).

Additional Comments

N/A

Signature





photo_1-20240117-DG-4A_before_planting_facingWest.jpg
-118.1764230277779 34.1893573333333



photo_2-20240117-DG-4A_before_planting_facingSouth.jpg
-118.1764127500001 34.1892593333333



photo_3-20240117-DG-4A_after_planting_facingWest.jpg
-118.1764063055556 34.18938261111111



photo_4-20240117-DG-4A_after_planting_facingSouth.jpg
-118.17640933333334 34.18926945277777

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	100 %
End of Day	14:55	64 °F	0-3 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

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

Reptiles: NA

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-East Trails 1, 2, 3, and 4 with hand tools. Main target species include erodium, non-native grasses, mustard, castor bean, and poison hemlock.

0900: Crew takes a break.

0915: Crew continues invasive species removal.

1200: Crew breaks for lunch.

1230: Crew continues invasive species removal.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-East_Trail_1_facingSouth.jpg



Invasive_removal_DG-East_Trail_3_facingSoutheast.jpg



Invasive_removal_DG-East_Trail_4_facingNortheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:33	47 °F	0-3 MPH	25 %
End of Day	14:50	67 °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

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: BEWR, LEGO, BUSH, YRWA, ACWO, WCSP, NUWO, RCKI, CALT, COHA, RTHA, AMKE, WEBL, SPTO, HOFI, NOFL, CATH, BLPH, SOSP, AMCR, CORA, CASJ, ANHU, MALL, MODO, RCPA, WODU, ALHU, DEJU, OCWA, RSHA, TOWA, LISP, OATI, CAKI, AGOL, NAWA, BGGN, COYE

Reptiles: N/A

Mammals: California ground squirrel, Desert cottontail, Fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of weed removals just outside of the project boundary along the east perimeter trail, by the north side of the project site. This is to prevent seeds from nonnative plants growing along the adjacent slopes by DG-2 from getting into the mitigation site.

0850: Crew takes break and resumes work after.

0930: Crew continues weed removal along east perimeter trail, moving westward into DG-2 mitigation area.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal work throughout DG-2.

1400: Biologist flags limits of herbicide use areas based on maps provided by ECORP/Juan.

1445: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





Weeding_east_trail_facingNortheast.jpg
-118.1699872388889 34.1927522777777



DG-2_weeding_facingNortheast.jpg
-118.1720600833333 34.1899387722222



Herbicide_limit_flagging_facingNorth.jpg
-118.17159398333334 34.1925831

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	70 %
End of Day	13:30	75 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration planting of natives using hand tools. Crew of eight Nature's Image workers supervised by Genaro Gomez.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, ACWO, WEBL, RCPA, AMCR, BEWR, LEGO, YRWA, WCSP, ANHU, RCKI, CASJ, CATH, SOSP, WREN, CORA, NOFL, BLPH, TOWA, COHA (juvenile), ECDO, NUWO, WBNU, HOFI, BUSH, EUST, BTPI, CALT, RTHA, BGGN, RSHA, California ground squirrel, CAKI, Red Admiral, OATI, Eastern fox squirrel, Western fence lizard, DEJU, Frog vocalizing, Big-eared woodrat nest.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0704: Preparation.

0705-0722: Checked DG-4A (low area) southwest of Boulders for nests and special status species; none found.

0734-1330: Planting and cage installation proceed. Plants planted per Genaro: 24 Pacific blackberry, 13 mugwort, 15 California rose, 18 coyote brush, 18 cottonwood.

1330: Log done.

Additional Comments

Edison working on public trail.

Signature





photo_1-20240118-DG-4A_Southwest_of_Boulders-lookingWest-before.jpg
-118.17586166666668 34.18993833333333



photo_2-20240118-DG-4A_Southwest_of_Boulders-lookingNorth_fromSouth_end-after.jpg
-118.17586666666668 34.18960499999999



photo_3-20240118-DG-4A_Southwest_of_Boulders-lookingWest_furtherEast-before.jpg
-118.17569 34.189874999999994



photo_4-20240118-DG-4A_Southwest_of_Boulders-lookingWest-from_furtherEast-after.jpg
-118.17564833333334 34.18992166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: January 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:45	64 °F	0-3 MPH	100 %

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 11 plus Manuel 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: LCSP, SOSP, WCSP, BEWR, CALT, CATH, YRWA, CASJ, HOFI, AMCR, CORA, MALL, ANHU, OATI, ACWO, AMCO, BLPH, WREN, MODO, ALHU, RTHA, BUTI, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, NOFL, CAQU, AMKE, NOMO, TUVU, BEWR, COYE, CEWA, WEME, RCKI, RWBL, SPTO, LEGO, CANG, KILL

Mammals: California ground squirrel, Desert cottontail, Woodrat mitten

Amphibians: NA

Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Checked in with crew lead.

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

0900: Crew takes a break.

0915: Crew returns to work in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in the Johnson Field.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_species_removal_facingWest.JPG
-118.17109722222223 34.19127222222222



Invasive_species_removal_facing_Southwest.JPG
-118.1702638888889 34.19274444444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	60 %
End of Day	15:00	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight weeding and planting in DG-4A in the field south of Boulder area.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, BUSH, LEGO, CALT, SOSP, ACWO, MODO, YRWA, AMCR, CATH, RCPA, Baja California chorus frog, NUWO, NOFL, ANHU, CASJ, NOMO, ALHU, ECDO, EUST, MALL, WREN, BTPI, OATI, WEBL, PUFU, BLPH, Desert cottontail, CAQU, BGGN, COHA, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Surveyed work area.

0645: Cleared crew to work. Monitored weeding and installation of replacement plants in DG-4A, near the lower center field that flooded in 2023.

1200: Crew switches to working slightly north in "center upper" area. All but eight California sage scrub plants installed by end of day.

1445: Crew wraps up for the day, take photos and leave.

Additional Comments

N/A

Signature





photo_1-20240119-pre_planting_facingSoutheast.jpg
-118.17577891666667 34.18967067777778



photo_2-20240119-post_planting_facingSoutheast.jpg
-118.17576410277778 34.18967716666666



photo_3-20240119-pre_weeding_facingNorthwest.jpg
-118.17591866666667 34.18969691666666



photo_4-20240119-post_weeding_facingNorthwest.jpg
-118.17589613888889 34.18966080555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: January 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	7-9 MPH	100 %
End of Day	14:30	56 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal along the DG-8 & DG-1 slopes
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic Landscape crew of 10 plus Juan (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: Bewick's wren, California towhee, White-crowned sparrow, Lesser goldfinch, Common raven, Red-crowned parrot, Northern flicker, Nuttall's woodpecker, California thrasher, Acorn woodpecker, Bushtit, Anna's hummingbird, Wrentit, Yellow-rumped warbler, Ruby-crowned kinglet, Spotted towhee, Mourning dove, American crow, Cedar waxwing, European starling, California scrub jay, Blue-gray gnatcatcher
Mammals: N/A
Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew started arriving and the rain started easing up.
0730: Rain started picking back up, continued into a light drizzle throughout the day.
0900: Crew broke for break.
1200: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_weeding_DG-8.jpg
-118.17147208333334 34.19271018055555



Flow_along_streambed.jpg
-118.17134977222223 34.19307491666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	20 %
End of Day	14:55	65 °F	0-3 MPH	40 %

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

Reptiles: NA

Mammals: California ground squirrel, Desert cottontail, Pocket gopher

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.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	15 %
End of Day	14:15	70 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants such as poison hemlock, summer mustard, tree-of-heaven, and tree tobacco. Five areas to be weeded today. Multiple Nature's Image crews working at Devil's Gate, 20 crew members, seven trucks. Genaro, Eduardo, Luis [Lalo], Augustine, and Alberto supervising. Raoul present.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, AMCR, ACWO, CAKI, MODO, YRWA, WCSP, HOFI, RCPA, BEWR, NOFL, LEGO, CEWA?, AMRO, WREN, BGGN, CATH, CASJ, ANHU, SOSP, COHA, ECDO, CALT, SPTO, BLPH, CANG, LESC, MALL, RCKI, TOWA, WEBL, CORA, big-eared woodrat nests, DEJU, California ground squirrel, COYE, Red Admiral, BUSH, WBNU, OATI, HUVI, NUWO, western fence lizard, CAQU, SAPH, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: Preparation.

0701-0730: Checked DG-4A areas above north end of Mining Pit near cable fence, and south end of Dirt pile. No nests or special status species found.

0733-1415: Weeding proceeds. All of the very large areas cleared could not be shown in the photos.

0820-0835: Checked tree-of-heaven stand southwest of Boulders. No nests or special status species found.

0905-1415: Removal proceeds.

0910-0935: Checked western Mining Pit for nests and special status species; none found. Weeding work did not get to here.

1415: Log done.

Additional Comments

Rained the day before.

Signature





photo_1-20240123-DG-4A_North_of_Mining_Pit-lookingSouth_at_3_hours.jpg
-118.17309 34.193819999999995



photo_2-20240123-DG-4A_South_end_Dirtpile-lookingWest-at_3_hours.jpg
-118.17227000000001 34.193191666666664



photo_3-20240123-DG-4A_North_of_Mining_Pit-lookingSouth_from40feetSouth_of_photo1-after.jpg
-118.1731666666667 34.193695



photo_4-20240123-DG-4A_South_end_Dirtpile-lookingWest-after.jpg
-118.1722866666666 34.1932383333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 24, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	80 %
End of Day	14:30	59 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 17 weeding in DG-4 near dirt pile.

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, BEWR, BUSH, LEGO, ACWO, BGGN, SPTO, SOSP, RCPA, AMCR, CAQU, ANHU, CATH, CALT, BLPH, CASJ, RTHA, MODO, HOFI, CAKI, DEJU, CANG, NOFL, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0650: Pre-construction bird survey.

0720: Monitor weeding crew.

0750: Discovered and mapped RTHA_01 nest.

1430: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240124-DG-4_before_weeding_facingSouth.jpg
-118.17340986111111 34.19360058333333



photo_2-20240124-DG-4_before_weeding_facingWest.jpg
-118.17344808333334 34.19374597222222



photo_3-20240124-DG-4_after_weeding_facingSouth.jpg
-118.17340208333334 34.193589611111111



photo_4-20240124-DG-4_after_weeding_facingWest.jpg
-118.17343257222223 34.19376518055555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	14:55	61 °F	0-3 MPH	100 %

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

Reptiles: NA

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.

1445: Crew stops work for the day.

Additional Comments

Could not rename photo 1: Invasive_removal_DG-1_facingN

Signature





Invasive_removal_DG-1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: January 25, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:45	61 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCSP, 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, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, NOFL, AMKE, TUVU, COYE, CEWA, WEME, RWBL, SPTO, CANG

Mammals: California ground squirrel, Desert cottontail, Woodrat mitten

Amphibians: NA

Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Checked in with crew lead.

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

0900: Crew takes a break.

0915: Crew returns to work in DG-1.

1000: Crew then moves to weed in DG-3A.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-3A.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_weed_removal_DG3A_facingNorthwest.JPG
-118.17368888888889 34.18545833333333



Invasive_species_removal_DG1_facingSouthwest.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 25, 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	72 °F	0-3 MPH	65 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants by 19 Nature's Image crew members using hand tools, supervised by Genaro, Eduardo, Luis [Lalo], Augustine, and Alberto. Raoul present. Two workers doing irrigation and three workers removing tree tobacco from Arroyo Seco's western embankment on a ATV.

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, OATI, BEWR, CAKI, YRWA, SPTO, WEBL, CASJ, BLPH, LEGO, CATH, NOFL, COHA (juvenile), ANHU, RCPA, ACWO, NOMO, SOSPO, CALT, two desert woodrat nests(?) on cobble-sized rocks at southwest edge of Dirtpile (see "Other Species" record in Field Maps), CAQU, MODO, BGGN, WREN, HOFI, BUSH, WCSP, NUWO, CEWA, RCKI, OCWA(?), ECDO, CANG, California ground squirrel, three small western toads in cobbles next to southerly [possible] desert woodrat nest, RSHA, CORA, RTHA circling, Western fence lizard, Side-blotched lizard, Ladybug species, Botta's pocket gopher, Desert cottontail, WTSW, LESC, MALL, RUDU, BUFF, TUVU, EUST.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0803: Crews waiting in main parking lot for light rain/drizzle to cease. Ground and vegetation very wet from early a.m. rain.

0704-0719: Checked DG4A Dirtpile (south end) for nests and special status species; none found. Notified Genaro Gomez.

0805-1415: Weeding proceeds.

0958: Advised workers not to trample possible desert woodrat nests (they weren't).

1255: RTHA carrying nesting material flew west over Dirtpile toward north end of Hahamongna Watershed Park.

1430: Log done.

Additional Comments

Intermittent light rain and drizzle before 0800. Ground and vegetation very wet. An additional 700 square feet to the east (not shown in Photo 4) was weeded.

Signature





photo_1-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingWest-at_start.jpg
-118.172455 34.193225



photo_2-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingWest-after.jpg
-118.172475 34.193241666666665



photo_3-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingSouth-at_start.jpg
-118.17252166666667 34.193225



photo_4-20240125-DG-4A_Southwest_end_of_Dirtpile-lookingSouth-after.jpg
-118.17251666666667 34.19324333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: January 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	4 %
End of Day	15:00	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of 16 weeding in DG-4, DG-4A, and DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, BUSH, RSHA, SOSP, WCSP, WREN, DEJU, CALT, CANG, LEGO, SPTO, ACWO, NUWO, CATH, AMCR, YRWA, MODO, ANHU, BGGN, WEBL, ALHU, CORA, NOFL, PHAI, BTPI, BLPH, WBNU, HOFI, WIWA, CAKI, BEWR, RTHA, CAQU, NOMO, COHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Surveyed work area.

0640: Cleared crew to work. WEEP trained four new NI employees at site.

0700: Monitored weeding of DG-4, DG-4A, and DG-4 WOUS. Specific area was just south of the dirt pile, targets were mustard and poison hemlock with scattered *Marrubium vulgare* growing between young container plants and stakes.

1200: Crew showed me a two-foot-wide hole in the middle of a DG-4A restoration area, it had a trash bag and a red bowl in it, not placed there by a crew member. Disposed of it and filled the hole.

1445: Crew wrapping up, largely finished the dirt pile.

Additional Comments

N/A

Signature





photo_1-20240126-pre_weeding_facingSouth.jpg
-118.1727907222223 34.19312075



photo_2-20240126-post_weeding_facingSouth.jpg
-118.17276167222222 34.19313899999995

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	20 %
End of Day	14:50	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Trash bag (1), hula hoes (5), hoes (5), and a dual headed weeding tool (1).
3. Gothic Landscape crew of 10 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: AMCR, WREN, BUSH, YRWA, BEWR, BLPH, RCPA, CANG, MALL, SONG, ANHU, CATH, HUVI, RCKI, ACWO, NOFL, CALT, LEGO, CAQU, ALHU, RSHA, NOMO, WCSP, WEBL, CORA, HOFI, RTHA, AGOL, DEJU, CASJ, TUVU, CAKI, AMKE

Mammals: desert cottontail, pocket gopher, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site

0645: Crew heads over to southern end of DG-2.

0720: Biologist monitors surrounding area for any wildlife activity.

0900: Crew takes break.

0915: Crew begins to head back to south end of site in DG-2.

1045: Trash bags consist of non-native vegetation mostly poison hemlock and trash.

1200: Majority of crew leaves for the day. The remaining crew takes lunch.

1230: Crew returns from lunch and heads back to work area in DG-2.

1440: Crew heads out of restoration area and puts away tools.

Additional Comments

N/A

Signature





DG2_vegetation_removed_facingNorth.jpg
-118.17267475 34.18866897222222



DG2_vegetation_removed_facingSouth.jpg
-118.17292005555556 34.18842073055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: January 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	54 °F	0-3 MPH	0 %
End of Day	14:30	78 °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 (seven people total) plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: RCPA, AMCR, WREN, BEWR, COYE, SOSP, CALT, RCKI, SPTO, CATH, ALHU, NUWO, WCSP, ANHU, ACWO, CASJ, BLPH, BUSH, LEGO, YRWA, NOFL, CORA, KILL, BGGN, MALL, HOFI, WTSW, MODO, DEJU, TOWA, OCWA, BTYW, HUVI, CAKI, LISP, RTHA, CAQU, OATI, NOMO, WEBL, PUF1

Reptiles: N/A

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

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of weed removals along the east perimeter trail and along side slopes of Johnson Field, working from the south and moving northward.

0850: Crew takes break and resumes work after.

0930: Crew continues weed removal along east perimeter trail, moving westward into DG-2 mitigation area.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal work throughout DG-2.

1445: Gothic crew finishes work for the day and demobilizes.

Additional Comments

N/A

Signature





DG-2_post-weeding_facingNorth.jpg
-118.17157525 34.19046071111111



Restoration_area.jpg
-118.17234949444445 34.19039163055555



DG-2_weeding_facingWest.jpg
-118.1720995555556 34.189223999999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: January 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	42 °F	0-3 MPH	5 %
End of Day	14:35	82 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants by 19 Nature's Image workers using hand tools supervised by Genaro, Lalo, Alberto, Augustine, and Rosario.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, AMCR, CATH, YRWA, NOFL, WCSP, SOSP, RCKI, LEGO, CALT, CASJ, COHA, RCPA, ANHU, BLPH, BEWR, BUSH, SPTO, California ground squirrel, ACWO, ECDO, WEBL, HOFI (yellow male), Botta's pocket gopher, Western fence lizard, Woodrat nests, CAQU, Red Admiral, Ladybug species, BGGN, Western toad (small), RTHA, Mourning cloak, Cabbage white, CAKI, CORA, NUWO, RSHA, WREN, SAPH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0704: Preparation.

0704-0725: Checked DG-4A, DG-4 WOUS, and DG-4 south and southwest of Dirtpile for nests and special status species. None found. A lot of moisture on the ground and on vegetation from morning dew.

0736-1415: Weeding proceeds in this area. Mostly poison hemlock and mustard being removed. At least 2000 square feet of clearing today was not able to be shown in photos.

1435: Log done.

Additional Comments

N/A

Signature





photo_1-20240129-South_of_Dirtpile-lookingEast_at_start.jpg
-118.1727783333334 34.19309999999994



photo_2-20240129-South_of_Dirtpile-lookingEast-after.jpg
-118.172745 34.19307833333333



photo_3-20240129-Southwest_of_Dirtpile-lookingNorthnorthwest-at_start.jpg
-118.172915 34.19309



photo_4-20240129-Southwest_of_Dirtpile-lookingWestNorhtwest-after.jpg
-118.17292333333334 34.19305333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	15:00	67 °F	0-3 MPH	40 %

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, BUTI, NOMO, CAKI, SAPH, LEGO, HUVI, CAQU, RCKI, RSHA, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, CATH, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, LEGO, DEJU, OCWA, CAQU, NOMO, TUVU, BEWR, COYE, CEWA, WEME, RCKI, RWBL, SPTO, LEGO, NOFL, AMRO, RSHA, WEBL, KILL, SNEG, AMKE, CANG

Reptiles: NA

Mammals: California ground squirrel, Coyote

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

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

0900: Crew takes a break.

0915: Half the crew continues invasive species removal in DG-2 and the other half picks up container plants to be planted in DG-3A.

0945: Crew begins planting oak woodland container plants in DG-3A.

1200: Crew breaks for lunch.

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

1450: Crew stops work for the day.

Additional Comments

Photo 1: invasive_removal_DG-2_facingN Photo 2: planting newest oak woodland container plant delivery in DG-3A

Signature





invasive_removal_DG-2_facingNorth.jpg



Planting_DG-3A_facingSW.jpg



Coyote_DG-3A_facingW.jpg



Container_plants.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: January 30, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:00	75 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Natures Image (NI) three crews under Genero, Augustine and Lalo. 15-person crew. Tatiana on irrigation, Ed and Carlos removing invasive trees. Augustine removes fencing around plantings.

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, LEGO, CALT, CATH, SPTO, HOFI, YRWA, BUSH, ACWO, OCWA, RCPA, CORA, BGGN, SAPH, NOFL, CAKI, MODO, ECDO, ANHU, CAQU, RCKI, PUFU, WCSP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry


0630: Check out work area, below "dirt pile" and DG-4 WOUS/DG-4A, where at least three NI crews are pulling weeds. I assign one to cage removal around robust plants.

0730: Tatiana finds irrigation leak under a wood rat pile (chewed line). I watch as they fix line and leave a drip for rats -so they dont chew again. Ed and Carlos taking down invasive tree of heaven and tabacco tree. Work here throughout the day.

1130: Mitch from NI comes to inspect site. Also ICF has picked up flat of plantings. California scrubjay are busy caching acorns in the restoration. Removed some old nest boundary flags. Continue working south. Lots of progress with big crew. Crew wraps up at two.

Additional Comments

Signature





Pre_weed_and_cage_removal_looking_west.jpg
-118.17311162222222 34.19296392777775



Example_of_robust_plantings_needing_cage_removal.jpg
-118.17311673333334 34.19296040555555



Example_of_weeded_area_and_blooming_pearly_everlasting.jpg
-118.1730485000001 34.19309791666666



Wood_rat_chewed_irrigation_line_and_repair.jpg
-118.17257316666667 34.19415913888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: January 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	80 %
End of Day	14:15	66 °F	10-12 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 14 weeding in DG-W-2 mining pit.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, LEGO, BUSH, AMRO, WCSP, CALT, ANHU, SPTO, WREN, ACWO, NOFL, SOSP, AMCR, RCPA, YRWA, CASJ, CAQU, BGGN, RCKI, EUCD, RTHA, AGOL, CATH, California ground squirrel, NUWO, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0650: Pre-construction bird survey. Observed that many large tree branches have fallen this winter, probably from high winds and storms.

0750: Monitor weeding crew.

1415: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240131-mining_pit_before_weeding_facingEast.jpg
-118.17437919444446 34.19346683333333



photo_2-20240131-mining_pit_before_weeding_facingNorth.jpg
-118.17418005555557 34.19348408333333



photo_3-20240131-mining_pit_after_weeding_facingEast.jpg
-118.17436502777778 34.19347327777778



photo_4-20240131-mining_pit_after_weeding_facingNorth.jpg
-118.17419253611112 34.19348636111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: January 31, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	90 %
End of Day	14:58	67 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation removal.
2. Trash bag (1), hoes (4), and hula hoes (4).
3. Gothic Landscape crew of eight plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CORA, ALHU, BEWR, BTPI, WREN, AMCR, HOSP, CASJ, WCSP, EUCD, RCPA, CALT, NUWO, YRWA, HOFI, CATH, BUSH, BGGN, ACWO, NOFL, BLPH, WEME, CAQU, SPTO, PUF1, RTHA, RSHA, CAKI
Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.
0645: Crew heads to DG-2 to begin vegetation removal.
0648: Bobcat tracks seen in restoration area.
0700: Biologist monitors surrounding area for any wildlife.
0900: Crew takes break.
0915: Crew returns to work in DG-2.
1000: Removed vegetation mostly consist of poison hemlock.
1200: Crew takes lunch.
1230: Crew heads back into restoration area to continue work in DG-2.
1440: Crew begins heading out of restoration area.
1445: Crew puts away tools.

Additional Comments

N/A

Signature





DG2_pre_vegetation_removal_facingWest.jpg
-118.17243386111112 34.19058083333333



DG2_vegetation_removed_facingSouthwest1.jpg
-118.17252598055556 34.19059733333333



DG2_post_vegetation_removal_facingWest.jpg
-118.17244101111112 34.19059991666666



DG2_vegetation_removed_facingNorthwest.jpg
-118.1721516 34.19115338055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nicole Argueta
Company: ICF
Date of Log: February 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	50 %
End of Day	14:45	57 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: LCSP, 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, KILL, OCWA, AGOL, RNDU, EGGO, BARS, CLSW, NAWA, WIWA, MIPA, BGGN, BUOR, EUCD, LASP, NUWO, BTPI, DEJU, NOFL, AMKE, TUVU, COYE, CEWA, WEME, RWBL, SPTO, CANG

Mammals: California ground squirrel, Desert cottontail

Amphibians: NA

Reptiles: Western fenced lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site. Checked in with crew lead.

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

0900: Crew takes a break.

0915: Crew returns to work in Johnson Field.

1000: Crew then moves to work weeding in Johnson Field.

1200: Crew breaks for lunch.

1230: Crew returns to work in the Johnson Field.

1400: Juan and part of the crew depart to return home. Local crew members continue weeding in Johnson Field.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_weed_removal_facing_east.JPG
-118.1722472222223 34.19061388888888



Invasive_weed_removal_facing_east.JPG
-118.17152222222222 34.19974722222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 2, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	5 %
End of Day	15:00	55 °F	7-9 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) large crew of 16 weeding in DG-4 WOUS, DG-4 WOUS connections, DG-W-2 mining pit, and DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, SOSP, BEWR, CAKI, BUSH, WCSP, CASJ, AMCR, ACWO, CALT, RCPA, CATH, SPTO, WREN, NUWO, CEDW, ANHU, MODO, NOFL, ECDO, YRWA, RCKI, HOFI, CANG, KILL, CORA, RBNU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area.

0700: Cleared crew, WEEP train two new NI workers.

0725: Monitored weeding in islands area and surrounding channels. Advise crew to work on large weeds, leave small ones to be dealt with by weed whackers.

0900: WEEP trained another NI worker.

0930: Monitored weeding. Crew starts running weed whackers, direct work.

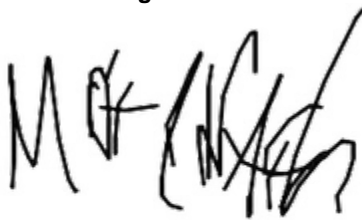
1019: Find nest BUSH_01. Flag off and advise the crew to avoid.

1445: Crew wraps up, inspected site.

Additional Comments

N/A

Signature





photo_1-20240202-pre_weeding_facingEast.jpg
-118.1739071388889 34.19198125



photo_2-20240202-post_weeding_facingEast.jpg
-118.1739331111111 34.191976374999996



photo_3-20240202-pre_weeding_facingSouth.jpg
-118.17377385277779 34.19174562499996



photo_4-20240202-post_weeding_facingSouth.jpg
-118.17370563888889 34.19173316666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	10 %
End of Day	14:15	52 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 16 weeding and removing plant cages in DG-4 WOUS islands and DG-4 west of islands

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, BUSH, CANG, SPTO, CALT, NUWO, CATH, AMCR, CASJ, ANHU, SOSP, NOFL, BGGN, YRWA, RCPA, CAQU, WEBL, ACWO, WREN, LEGO, CAKI, HOFI, WCSP, MODO, OCWA, KILL, BUFF, HOME, Desert cottontail, Western fence lizard, BLPH, RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0640: Pre-construction bird survey in DG-4.

0710: Pre-construction bird survey in DG-4 WOUS islands.

0730: Monitor crew.

1315: Check on sheetflow and primrose areas. Lower primrose is partially flooded.

1415: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240207-DG-4_before_weeding_facingEast.jpg
-118.17471341666668 34.19186805555555



photo_2-20240207-DG-4-WOUS_before_weeding_facingSoutheast.jpg
-118.1737806388889 34.19161841666664



photo_3-20240207-DG-4_after_weeding_facingEast.jpg
-118.17470501944445 34.19186466666666



photo_4-20240207-DG-4-WOUS_after_weeding_facingSoutheast.jpg
-118.17376726944445 34.19160781666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	34 °F	0-3 MPH	0 %
End of Day	14:30	57 °F	0-3 MPH	55 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants, mostly mustards and poison hemlock, by 19 Nature's Image crew members using hand tools, supervised by Genaro, Augustine, Roberto, and new foreman from Norco project, Jose.

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, AMCR, CATH, YRWA, CALT, EUST, CASJ, BUSH, pair of BGGN, SPTO, NOFL, ANHU, CAQU flock, WCSP, WEBL, RCKI, RCPA, woodrat nests, SOSP, BEWR, CORA, Brush rabbit, MALL, COHA, ECDO, ACWO, MODO, WBNU, OATI, HOFI, LEGO, RTHA circling, OCWA, AMKE, BLPH, Dead mole or shrew near main parking lot, DEJU, Juvenile western toad, Several TUVU, Western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0705: Preparation. Area north and northwest of Dirtpile selected for today's worksite due to likely muddy conditions at "Islands."

0706-0730: Checked DG-4A far north (near east and west powerlines) of and northwest of Dirtpile for nests and special status species. None found but noted a flock of California quail in *Eriogonum fasciculatum* var. *foliolosum* (leafy California buckwheat) and *Artemisia californica* (coastal sagebrush) scrub and California thrashers singing in willows.

0742-1415: Weeding proceeds in southerly and easterly directions.

Additional Comments

Rained the last 5 days.

Signature





photo_1-20240208-DG-4A-far_North_of_Dirtpile-lookingNorth-at_45_minutes.jpg
-118.17244833333334 34.194781666666664



photo_2-20240208-DG-4A-far_North_of_Dirtpile-lookingNorth-after.jpg
-118.17225666666667 34.194691666666664



photo_3-20240208-DG-4A-Northwest_of_Dirtpile-lookingNorthwest-at_45_minutes.jpg
-118.17253000000001 34.19421



photo_4-20240208-DG-4A-Northwest_of_Dirtpile-lookingNorth_from_fartherEast-after.jpg
-118.17251166666667 34.19414

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 9, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	14:30	55 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of 18 weeding with hand tools and weed whackers in DG-4, DG-4 sheetflow and DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, AMCR, DEJU, LEGO, BUSH, WCSP, SOSP, BEWR, CAKI, MODO, ANHU, CALT, BGGN, RCKI, CANG, CATH, CASJ, SPTO, HOME, BUFF, MALL, AMWI, RCPA, KILL, RUDU, WREN, CORA, NOFL, WEBL, HOFI, YRWA, AMRO, CAQU, ECDO, PUF1, RSHA, BLPH, CEDW, Bobcat, Desert cottontail, California ground squirrel, Baja California chorus frog.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived, tailboard with foreman.

0640: Performed a nesting bird survey in work area.

0655: Cleared crew to begin weeding and monitored weeding in DG-4 WOUS and DG-4 in the "islands" area. Two crew members on weed whackers targeting small Conium seedlings; rest of crew using hand tools and weeding by hand to target larger individuals and mustard. This allows hand-pulling crew to focus on the big stuff and move much faster.

0945: Islands area is finished. Move crew southwest into DG-4 (near an area that was recently replanted) after a nesting bird survey. Two crew on weed whackers, the rest on hand pulling as described above. Some crew remain at the first site to clean up.

1200: Crew finishing up site two. Performed a nesting bird survey at a third location, DG-4 and DG-4 sheetflow.

1210: Monitored weeding. Crew worked from top of hill near tree of heaven patch down towards the sheetflow area.

All work was handpulling; several crew members remained behind to clean up at the first two sites.

1415: Crew wraps up for day.

Additional Comments

Noting that spotted towhees (SPTO) are more numerous this year than the last two. I felt that there had been a substantial and noticeable drop in SPTO numbers during the 2022 & 2023 nesting seasons, now they are once again one of the most numerous birds on the site.

Signature





photo_1-20240209-pre_weeding_facingSouth.jpg
-118.17393834444445 34.19135174999995



photo_2-20240209-post_weeding_facingSouth.jpg
-118.17392211111111 34.19134693055554



photo_3-20240209-pre_weeding_facingWest.jpg
-118.1740550277778 34.1915079722222



photo_4-20240209-Post_weeding_facingWest.jpg
-118.1740476027778 34.1915019166667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: February 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	50 %
End of Day	14:30	63 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration, vegetation clearing.
2. Hula hoes, tarps, gloves.
3. Natures Image -Lead plus nine staff.

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, CATH, BEWR, SOSPO, NOFL, CALT, NUWO, ANHU, CASJ, AMCR, OATI, AMRO, TRES, WCSP, RCPA, LEGO, CEDW, BARS, bobcat.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at the site, review the day's plan.

0645: Start surveying area crew would like to work in.

0730: Area cleared, no nest, nest gathering or breeding behavior observed.

0740: Crew begins vegetation removal.

0820: Bobcat runs behind area crew is working in. Bobcat not observed in area after 20 minutes, crew continues to work on vegetation removal.

1430: Crew wraps up for the day, collects tarps, disposes of green waste.

Additional Comments

N/A

Signature





photo_1-20240212-DG4_before-facingSouth.jpg
-118.17534455555555 34.19186227777777



photo_2-20240212-DG4_after-facingSouth.jpg
-118.17531815833334 34.19189172222216



photo_3-20240212-DG4-before_facingWest.jpg
-118.17552191666667 34.191700455555555



photo_4-20240212-DG4-after_facingWest.jpg
-118.17550948611111 34.19171222222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	4-6 MPH	0 %
End of Day	14:45	63 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weed removal along the north end of DG-2 and Johnson Field.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of ten plus Juan (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: Bewick's wren, American kestrel, European starling, Acorn woodpecker, American crow, Ruby-crowned kinglet, White-crowned sparrow, Mallard, Yellow-rumped warbler, California towhee, Nothern mockingbird, Killdeer, Wrentit, Mountain quail, Spotted towhee, Canada goose, Cooper's hawk, Northern flicker, Black phoebe, Hooded merganser, Bufflehead, American wigeon, California thrasher, Anna's hummingbird, Ruddy duck, Allen's hummingbird, Common raven, House finch, Orange-crowned warbler, Purple finch, Lesser goldfinch, Red-tailed hawk, California scrub jay, Bushtit, Blue-grey gnatcatcher, Nuttall's woodpecker, Oak titmouse, Townsend's warbler, Rufous hummingbird,
Mammals: Pocket gopher sp., Beechey ground squirrel
Herps: Pacific tree frog, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived and began working.

0800: Biologist walked edge of the slope to assess potential risks for crew.

0845: Crew broke for break.

1000: Crew shifted efforts into Johnson Field.

1145: Crew broke for lunch.

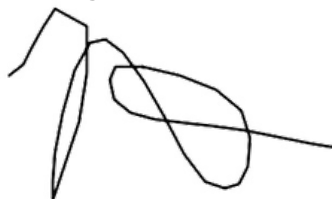
1245: Pacific treefrog was heard vocalizing in Johnson Field; possibly blown into the site from the recent storm.

1315: Discovered an Anna's hummingbird nest in early building stage along the trail adjacent to DG-2.

Additional Comments

N/A

Signature





Slope_erosion_from_recent_rains.jpg
-118.17231285277778 34.19208169444444



Anna's_hummingbird_nest_early_building_stage.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	15 %
End of Day	15:00	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 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, CEDW, WEME, RWBL, SPTO, NOFL, AMRO, WEBL, KILL, SNEG, AMKE, CANG, WBNU.

Reptiles: NA

Mammals: California ground squirrel, Coyote

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-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.

1450: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-2_facingNorthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	0 %
End of Day	13:45	65 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Two crews, Genero and Avidal are Natures Image (NI) foreman. Margarito, Ricki, Alfonso, Matt, Carlos, Linda, Cesar, Charlie

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, NUWO, SPTO, BUSH, CSJA, MODO, ECDO, WBNU, YRWA, AMCR, WREN, OATI, BEWR, SOSF, CATH, CALT, NOFL, LISP, CAQU, LEGO, CEDW, OCWA, WEBL, COYE, HOFI, WCSP, RCKI, ALHU, ANHU, ACWO, Baja California treefrog.

In Reservoir: MALL, CANG, BUFF, AMWI. Had 2 early migrants NAWA and WIWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Talked with Genaro who sent me to sheetflow restoration DG-4A area. Performed a nesting bird survey. No nesting activity noted throughout the day in this area, but lots of singing. Crew of nine stayed here all day and continued south and west making great progress. Plantings look good. Mostly poison hemlock pulled. Mid-morning, walked to southern part of site to inspect flooding. Southern restoration through mature forest in south is inundated but receding. Many small plantings dusted with sediment; this may impede photosynthesis. But another storm is predicted. Ducks swimming around through forest. Saw an early migrant Nashville warbler and a Wilson's warbler. Treefrogs calling and side-blotched lizards warming up on logs.

Additional Comments

Reservoir is pretty high with some room towards the creek mouth for next week's storm system, there are workers removing some of the debris around the outlet.

Signature





Pre-weed_channel_DG4A_facing_west.jpg
-118.17549802777778 34.19172302777776



Weeding_area_facing_Northeast.jpg
-118.17597865 34.19164394444444



Post-weeding_western_edge_facingEast.jpg
-118.1759845277779 34.19161058333333



Weeding_area_post_facingNortheast.jpg
-118.17563280555557 34.1916036277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	95 %
End of Day	15:05	65 °F	0-3 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 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: LCSP, 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

Reptiles: NA

Mammals: California ground squirrel, Coyote

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.

0910: Crew continues invasive species removal in DG-2.

1100: Crew breaks for lunch.

1130: Crew continues invasive species removal in DG-2.

1400: Crew takes a break.

1410: Crew continues invasive species removal in DG-2.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-2_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	90 %
End of Day	13:40	73 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of mostly nonnative poison hemlock and mustards by five Nature's Image crew members using hand tools, supervised by Genaro Gomez.

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, ECDO, MODO, CAKI, WBNU, NOMO, AMRO, NUWO, RCPA, BUSH, OATI, SPTO, CALT, CAQU, ACWO, CEDW, SOSF, hummingbird species, WREN, CATH, BEWR, RCKI, CASJ, LEGO, YRWA, numerous CANG, WCSP, eastern fox squirrel, big-eared woodrat nest, WEBL, BLPH, LESC, MALL, AMWI, RNDU, RUDU, BUFF, several NOFL, COYE, HOFI, BGGN, CORA, ANHU, COHA, California ground squirrel, Western fence lizard, GCSP?, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0659: Preparation.

0700-0729: Checked DG-4A Sheetflow for nests and special status species. Looked for suspected hummingbird nest based on Anna's hummingbird and Allen's hummingbird carrying nesting material in January 2024 (refer to Field Maps record for this area). Nothing found.

0731-1325: Weeding proceeds.

0735-0805: Did additional checking for nests under poison hemlock at Sheetflow.

0815-0840: Visited area southwest of Boulders. Saw 8-inch-deep water at southwesterly end of low area bordering on southeasterly Primrose.

0914-1006: Conducted additional nest checks at the edge of the Sheetflow site.

1012-1130: Scouted Primrose, found substantial pooled water up to 1-foot deep in lower area at southeast Primrose. Also found 15-inch-diameter twig nest (UNKN_1 in Field Maps) in fork of bare willow about 16 feet up in central Primrose. Not known if active because no relevant nesting behavior seen nearby.

Note: At Sheetflow site in photos 1 and 2, California poppy starts from seeds were found, so weeding was moved southwest up knoll (toward public trail) and wasn't shown in any photos. Therefore, the photographed area weeded does not look complete.

1340: Log done.

Additional Comments

N/A

Signature





photo_1-20240214-DG-4A_Sheetflow-lookingSouthSoutheast-before.jpg
-118.17606666666667 34.19154666666666



photo_2-20240214-DG-4A_Sheetflow-lookingSouthSoutheast-after.jpg
-118.17599666666668 34.191539999999996



photo_3-20240214-DG-4A_Sheetflow_fartherNorthwest-lookingSoutheast-before.jpg
-118.17608833333334 34.191835



photo_4-20240214-DG-4A-Sheetflow-fartherNorthwest_lookingSoutheast-after.jpg
-118.17601833333333 34.191804999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	10 %
End of Day	13:30	63 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of six weeding in DG-4C and DG-4B trail edge.

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, RCPA, AMCR, ACWO, WEBL, NOFL, CAQU, WCSP, SPTO, CATH, CASJ, ANHU, AGOL, NUWO, HOFI, BUSH, SOSP, WREN, BEWR, CALT, YRWA, MODO, LEGO, AMRO, OCWA, CANG, BGGN, California ground squirrel, RTHA, RCKI, BLPH, MALL, OATI, WBNU, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with the crew.

0700: Pre-construction bird survey.

0730: Monitor weeding crew.

0945: Checked on reservoir water levels at primrose and southernmost clearing. Recently planted areas are not flooded.

1330: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240215-DG-4C_before_weeding_facingSouth.jpg
-118.1739562777778 34.19411415



photo_2-20240215-DG-4C_before_weeding_facingSouth.jpg
-118.17460680555556 34.19346518333333



photo_3-20240215-DG-4C_after_weeding_facingSouth.jpg
-118.17399194444445 34.19414213888886



photo_4-20240215-DG-4C_after_weeding_facingSouth.jpg
-118.17459194444444 34.19345791666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: February 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	20 %
End of Day	15:07	65 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Heavy duty trash bags (3), hoes (7), hula hoes (3).
3. Gothic landscape crew of ten 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, WREN, AMCR, WCSP, YRWA, SOSP, BLPH, BEWR, CORA, HOFI, MALL, CANG, KILL, RCPA, LESC, NOMO, CASJ, ALHU, AMWI, WEBL, AMCO, HOME, BUFF, RNDU, CANV, NOFL, SPTO, BTPI, ANHU, RCKI, ACWO, COHA, RTHA, CATH, BUSH, WTSW, LEGO, COHA, EUST, HUVI, AMKE, WBNU, OATI, NOHA, BGGN, TUVU

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

Reptiles: Western fence lizard, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew heads to DG-2 for invasive species removal working their way south.

0700: Biologist monitors site for any wildlife activity.

0835: Non-natives removed consist of poison hemlock, hairy bittercress, and non-native grass species.

0900: Crew takes break.

0910: Crew heads back to work area in DG-2.

1100: Crew takes lunch.

1130: Crew returns to DG-2 for invasive species removal.

1215: Vegetation removed consists mainly of poison hemlock.

1400: Crew takes break.

1410: Crew returns to work.

1445: Crew heads out of restoration site to return tools to truck and take removed vegetation to dumpster.

1457: Crew puts removed vegetation in dumpster.

Additional Comments

N/A

Signature





DG2_vegetation_removed_facingEast.jpg
-118.17292251944446 34.1886332



DG2_prevegetation_removal_facingEast.jpg
-118.17289078888889 34.18855938055555



DG2_post_vegetation_removal_facingEast.jpg
-118.17295386111111 34.1884343



DG_2_vegetation_removed_facingWest.jpg
-118.17286025 34.18827141111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 16, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	30 %
End of Day	14:30	65 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of five weeding with hand tools in DG-4, DG-4B.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, AMRO, BEWR, CASJ, OATI, BUSH, CAKI, ECDO, CALT, CEDW, SPTO, AMCR, ANHU, ACWO, CATH, WCSP, WREN, PUFU, NUWO, CANG, CORA, YRWA, LEGO, RNDU, BUFF, AMCO, RUDU, GREG, CANV, domestic mallard, BLPH, NOFL, HOFI, CAQU, LISP, ROPI, RCKI, RCPA, OCWA, SOSF, ALHU, CAVI, TOWA, WTSW, AMWI, RTHA, HUVI, COHA, TUVU, DEJU, Desert cottontail, Western fence lizard, Baja California chorus frog, WEBL, EUST, NOMO, WBNU, California ground squirrel, BGGN, RSHA, COYE.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew foreman.

0635: Surveyed work area, DG-4 and DG-4B against the trail near the parking lot.

0646: Cleared crew to work, monitored weeding in their area. Crew was just south and east of the container/staging area primarily focused on poison hemlock and mustard in the immediate vicinity (first 30 feet) of the trail. Very high bird activity but no nesting behavior observed.

1415: Crew starts cleanup for the day, inspected site and left.

Additional Comments

N/A

Signature





photo_1-20240216-pre_weeding_facingEast.jpg
-118.1751274444446 34.1919665



photo_2-20240216-post_weeding_facingEast.jpg
-118.17511794444445 34.1919670111111



photo_3-20240216-pre_weeding_facingWest.jpg
-118.17539637222222 34.19195142777774



photo_4-20240216-post_weeding_facingWest.jpg
-118.17541111111112 34.19195383333333

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	40 %
End of Day	15:00	67 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Heavy duty bags (3), hoes (6), hula hoes (4), and hand pulling.
3. Gothic landscape crew of 10 plus Juan as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CASJ, SOSP, ACWO, EUST, YRWA, NOFL, CALT, AMCR, RTHA, CORA, WREN, LEGO, WCSP, BEWR, WEBL, RCPA, BUSH, RCKI, COHA, KILL, CANG, MALL, GREG, BLPH, RUDU, BUFF, CANV, WODU, LESC, AMCO, RNDU, ALHU, PUF1, RSHA, HUVI

Mammals: Coyote

Amphibian: Western toad

Reptiles: Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0645: Crew grabs tools from truck and head to the south end of DG-2 working their way north.

0700: Biologist monitors site for any wildlife activity.

0845: Non-natives removed consist of poison hemlock, hairy bittercress, and non-native grasses.

0900: Crew takes break.

0910: Crew returns to work area.

1100: Crew takes lunch.

1130: Crew returns to work in DG-2 along walking path and slope.

1215: Crew moves away from trail targeting the island of DG-2 inbetween DG-2 WOUS and DG-2 new channels.

1400: Crew takes break.

1410: Crew returns to work in DG-2.

1445: Crew puts away tools and takes removed vegetation to dumpster.

Additional Comments

N/A

Signature





DG2_pre_vegetation_removal_facingNorth.jpg
-118.17254041666668 34.18902605555555



DG2_post_vegetation_removal_facingNorth.jpg
-118.17254231944445 34.18906219444444



DG2_vegetation_removed.jpg
-118.17224763055556 34.18947925



Nonnatives_removed.jpg

-118.17208073055556 34.19007669444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: February 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	10 %
End of Day	14:45	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of 14 weeding DG-4

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, CORA, BUSH, NUWO, CEDW, YRWA, RCPA, OATI, MODO, CAKI, WBNU, WEBL, ACWO, WREN, NOFL, CALT, SPTO, CATH, OCWA, BGGN, CAQU, RBME, NOMO, HOFI, ANHU, BEWR, CASJ, AMCR, RNDU, AMWI, BUFF, CANG, AMCO, MALL, CANV, ECDO, ROPI, HOWR, WCSP, WEME, NRWS, CITE, EAGR, KILL, PUF1, BLPH, RUDU, COYE, SOSP, RCKI, NOSH, EUST, LEGO, DEJU, ALHU, TOWA, RTHA, RSHA, PTWH (pin-tailed whydah, lone female), HUVI (60), western toad, COHA, AMKE, Neotoma sp., western fence lizard, Baja CA tree frog, ca ground squirrel, common side blotched lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: arrive on site. Evidence of mild precipitation on site last night. Tailboard with crew, survey DG-4 in the far north of the site near the lone peruvian pepper tree. 0645: no nests; clear crew to work. Brief tailboard with whole crew on plant ID and toad avoidance. 0930: surveyed lower areas of site for flooding. Noted that newly installed plants look ok. 1000: Observed a female pin-tailed whydah (an invasive nest parasite) while en route back to crew; individual was located in an oak tree just south of the baseball field. 1030: advised crew to avoid beehive documented near work area. Crew continued to push North. 1430: crew begins wrapping up for the day, inspected site and left.

Additional Comments

N/A

Signature





photo_1-20240221-pre_work_facingN.jpg
-118.17246445833334 34.19367806666666



photo_2-20240221-post_work_facingN.jpg
-118.17247673333334 34.193661138888885



photo_3-20240221-northern_edge_of_weeded_area_facingS.jpg
-118.1724376388889 34.193889111111105

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	75 %
End of Day	15:00	58 °F	4-6 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 and south end of DG-1.
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: California towhee, California scrub jay, European starling, Song sparrow, Common raven, Nuttall's woodpecker, American crow, Yellow-rumped warbler, Bewick's wren, Northern flicker, Canada goose, Black phoebe, Bufflehead, American wigeon, Killdeer, Ring-necked duck, Cinnamon teal, Western bluebird, Northern rough-winged swallow, Eared grebe, American coot, Ruddy duck, Ruby-crowned kinglet, Cooper's hawk, California thrasher, White-crowned sparrow, Anna's hummingbird, Wrentit, Red-tailed hawk, Cassin's kingbird, Allen's hummingbird
Mammals: Beechey ground squirrel
Herps: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.
0830: Observed the European starling (EUST) pair hanging out by the sycamore adjacent of the parking area bringing nesting material into one of the cavities; nest marked.
0900: Crew broke for break.
1100: Crew broke for lunch.
1500: Work concluded, and biologist departed site.

Additional Comments

Eared grebe was in non-breeding plumage; determined to likely be Eared over Horned due to relatively small neck and head in relation to the body, and absence of white tip on bill. EUST usage of sycamore cavities appears to have negatively impacted use by native acorn woodpecker (ACWO) for feeding/granary purposes. Previous years no EUST were noted and an abundance of ACWO.

Signature





Crew_weeding_along_the_North_end_DG2.jpg
-118.17130623611112 34.19295673888889



Crew_weeding_along_the_North_end_DG2(2).jpg
-118.17107677777778 34.19342055555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	10 %
End of Day	15:00	69 °F	4-6 MPH	15 %

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

Reptiles: Western fence lizard, Side-blotched 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-1 with hand tools. Main target species include erodium, non-native grasses, mustard, and poison hemlock.

0900: Crew takes a break.

0910: Crew continues invasive species removal in DG-1.

1100: Crew breaks for lunch.

1130: Crew continues invasive species removal in DG-1.

1400: Crew takes a break.

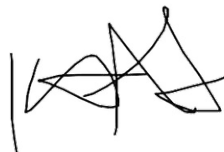
1410: Crew continues invasive species removal in DG-1.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_removal_DG-1_facingNorthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	50 °F	0-3 MPH	5 %
End of Day	13:30	75 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants by six Nature's Image crew members using hand tools, supervised by Genaro Gomez. Mostly poison hemlock and mustards are being removed.

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, CAKI calling, RCPA, BEWR singing, YRWA, WCSP, SPTO singing, WEBL, NUWO calling, SOSP singing, RCKI, OATI singing and calling, CATH singing, CALT calling, MODO, ACWO calling, CASJ, BUSH, CANG vocalizing, California ground squirrel vocalizing, ANHU, AMRO, Eastern fox squirrel, HUVI, OCWA calling and singing, LEGO, DEJU singing, NOFL calling, CAQU calling, ECDO, pair of RTHA, BLPH, HOFI, RSHA calling, several CORA flying, WREN singing, Cabbage white, Botta's pocket gopher, MALL, juvenile COHA, Gulf fritillary, Western fence lizard, EUST, several RUDU, AMWI, BUFF, KILL, RBNU calling, WBNU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0704: Preparation.

0705-0728: Checked DG-4A Sheetflow to Primrose along public perimeter trail for nests and special status species.

0730-1315: Weeding proceeds. Besides southern Sheetflow, the northern extremity of Primrose was weeded (sorry, no photos). A lot of deep, ponded water was noticed in the low area between Primrose and bridge over creek.

Reservoir water has breached Flint Wash area.

1330: Log done.

Additional Comments

Rained 2-5 days ago; ground mildly muddy.

Signature





photo_1-20240222-DG-4A_Sheetflow_West_edge-lookingWest-at_15_minutes.jpg
-118.17633000000001 34.191431666666666



photo_2-20240222-DG-4A_Sheetflow_West_edge-lookingWest-after.jpg
-118.17633000000001 34.191385



photo_3-20240222-DG-4A_southern_Sheetflow_West_edge-lookingWest-at_30_minutes.jpg
-118.17654833333334 34.191185



photo_4-20240222-DG-4A_southern_Sheetflow_West_edge-lookingWest-after.jpg
-118.17655166666667 34.19118166666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	4-6 MPH	50 %
End of Day	14:15	70 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 10 weeding in DG-4 and DG-4A primrose trail, tire wash, and DG-4 around sheetflow.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, AMRO, YRWA, CAKI, WBNU, ACWO, BUSH, CALT, CASJ, Desert cottontail, BGGN, ANHU, SPTO, NOFL, BEWR, SOSR, OATI, CANG, RCPA, RCKI, OCWA, NUWO, LEGO, CATH, RTHA, MODO, RSHA, California ground squirrel, CAQU, Woodrat sp., Western fence lizard, WREN, Botta's pocket gopher, WEBL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0645: Pre-construction bird survey in primrose.

0720: Monitor weeding crew in primrose.

0810: Pre-construction bird survey in tire wash.

0830: Monitor weeding crew in tire wash.

1000: Pre-construction bird survey in sheetflow.

1020: Monitor weeding crew in sheetflow.

1025: Observed two adult mourning doves with two fledglings following them and feeding. The fledglings probably hatched a couple weeks ago but no nest was found.

1335: Observed a red-tailed hawk (RTHA) carrying nesting materials toward the RTHA_01 nest.

1415: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240223-DG-4A_before_weeding_facingEast.jpg
-118.17709676111112 34.19066268611111



photo_2-20240223-DG-4A_before_weeding_facingSouth.jpg
-118.17711125000001 34.190385111111105



photo_3-20240223-DG-4A_after_weeding_facingEast.jpg
-118.17706686111111 34.19066950833333



photo_4-20240223-DG-4A_after_weeding_facingSouth.jpg
-118.17711502777779 34.19037534166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 23, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	10 %
End of Day	14:45	70 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal along the northeastern edge of Jonhson Field.
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, Yellow-rumped warbler, Red-crowned parrot, California scrub jay, European starling, Acorn woodpecker, Northern flicker, California towhee, White-crowned sparrow, Black phoebe, Red-tailed hawk, Common raven, Ruby-crowned kinglet, Mallard, Bufflehead, Ring-necked duck, Eared grebe, American wigeon, Canvasback, Killdeer, Anna's hummingbird, California thrasher, Allen's hummingbird, Double-crested cormorant, Cassin's kingbird, Red-shouldered hawk, Spotted towhee, Northern rough-winged swallow, Lesser goldfinch, Bewick's wren, Song sparrow, Orange-crowned warbler, California quail, Band-tailed pigeon, Turkey vulture, White-throated swift, Northern mockingbird, Cedar waxwing, Nuttall's woodpecker, Purple finch, Cooper's hawk, Wrentit
Mammals: Audubon's cottontail, Beechey ground squirrel
Herps: Western toad, Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.
0900: Crew broke for break.
1000: Confirmed status of previously documented Anna's hummingbird nest.
1130: Crew broke for lunch.

Additional Comments

Signature





ANHU_incubating.jpg



Canvasback.jpg



Crew_weeding_East_edge_Johnson_Field.jpg
-118.17114381111112 34.19103413888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: February 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	70 %
End of Day	14:45	60 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hula hoes, shovel, tarps, hand gloves.
3. 14 staff + lead 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:

CASJ, MODO, BUSH, ANHU, ACWO, SPTO, AMCR, NOFL, RCPA, CANG, SOSP, CEDW, BEWR, CALT, WCSP, HOFI, TUVU, CAKI, DOWO, RTHA, RCPA, Southern California toad, California ground squirrels, Western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Go over days plan, survey area crew would like to do vegetation clearing.

0700: California scrub-jay gathering nesting material and flew off to the other side of the trail, did not return to gather material for the rest of the day.

0730: Area cleared.

0816: Mourning dove parents feed fledglings, fledglings unbothered by crews distanced presence.

1000: Light drizzle.

1015: Crew continued to work area with vegetation removal.

1400: Sprinkling and rain, crew continues to work in light rain and eventually goes for cover as rain picks up.

1445: Crew begins to wrap up for the day, remove tarps for area, clean up.

Additional Comments

Crew flagged poppy seedlings to ensure they were not accidentally removed when weeding.

Signature





photo_1-20240226-before-DG4-facingSouthwest.jpg
-118.1759526277779 34.1915109333333



photo_2-20240226-DG4-after-facingSouthwest.jpg
-118.1759866527778 34.1917099166666



photo_3-20240226-before-DG4-facingEast.jpg
-118.17599113888889 34.19175525



photo_4-20240226-after-DG4-facingEast.jpg
-118.17595144444445 34.19157345833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	80 %
End of Day	14:15	64 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants by 11 Nature's Image crew members using hand tools, supervised by Genario Gomez, Balthazar, and Rosario.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, AMCR, WBNU, MODO, ECDO, AMRO, CAKI, BLPH, NUWO, NOFL, SOSP, WEBL, LEGO, CANG, CASJ, KILL, BUFF, RUDU, SPTO, BGGN, CATH, RCPA, YRWA, CAQU, BEWR, CLSW, ANHU, WREN, WCSP, LESC, MALL, HOFI (including yellow-headed male), CALT, BUSH, California ground squirrel, RCKI, ACWO, CORA, RSHA, TUVU, PUF1 singing, COHA (juvenile perched just west of Boulders, later two of unknown age seen in distance flying together over Arroyo Seco), Big-eared woodrat nests, DEJU, RTHA (adult and juvenile on power pole northeast of main parking lot), large western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0657: Preparation.

0701-0719: Checked DG-4A Boulders. Advised Genaro (at his request to check for mud) to avoid east half because still damp from yesterday's rain. West half not too damp. No nests or special status species found.

0727-1400: Weeding proceeds in west half of Boulders.

0902: Saw bushtit in large oak just east of main parking lot with nesting material in beak. Did not see a nest.

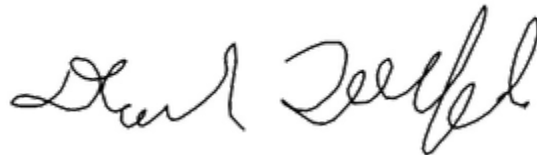
0933-0939: Saw male Anna's hummingbird west of Boulders doing arcing courtship display flight several times and perching in small bare tree after each display.

1415: Log done.

Additional Comments

N/A

Signature





photo_1-20240227-DG-4A_Boulders-lookingNorth-at_start.jpg
-118.17525333333334 34.19088333333333



photo_2-20240227-DG-4A_Boulders-lookingNorth-after.jpg
-118.17515 34.190821666666665



photo_3-20240227-DG-4A_Boulders-lookingNorthNorthwest_from_fartherSouth-before.jpg
-118.17516 34.19072499999999



photo_4-20240227-DG-4A_Boulders-lookingNorthwest_from_fartherSouth-after.jpg
-118.17517000000001 34.190711666666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	15 %
End of Day	14:00	76 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants, mostly poison hemlock and mustards, by 11 Nature's Image crew members using hand tools, supervised by Genaro Gomez, Nathan, and Rosario.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, AMCR, SPTO singing, CATH singing, several NOFL, numerous SOSP singing, CALT singing, ANHU, RCPA, PUF1 singing, HOF1, CASJ, COHA (juvenile), LEGO, BUSH, WREN singing, BGGN, YRWA, BLPH singing, WCSP, BEWR, MALL, OATI singing, NUWO, OATI singing, MODO, OCWA singing, KILL, AMCO, RUDU, ECDO, RCKI, CORA, HUVI, Western fence lizard, Eastern fox squirrel, Several WTSW, BUFF, Several CITE, AMWI, NRWS, TOWA, DEJU, Gulf Fritillary, CAKI, California ground squirrel, RSHA, WEBL, WBNU, Red Admiral, CLSW, SAPH, Cabbage white, Cloudless sulphur, ALHU, Ladybug species, Pair of adult RTHA circling.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0702: Preparation.

0703-0713: Checked DG-4A Boulders for nests and special status species. None found.

0715-1400: Weeding proceeds.

0751-0808: Checked area southwest of Boulders.

0808-0820: Checked ponded water just north of dam for water fowl from SW of Boulders.

0920: Observed Bewick's wren (BEWR) with nesting material (north of bridge over creek, see Field Maps). Need to monitor.

0925: Saw pair of common ravens at bridge over creek, one carrying fluffy nesting material. The pair flew southeast.

0932-0955: Visited dam overlook to get a closer look at ducks, swifts, and swallows there. On way there, noticed that ponded water at Flint Wash and southern Primrose had dried up.

1015-1022: Made Field Maps record regarding BEWR seen earlier with nesting material.

1040: Returned to Boulders.

1215: Raul visited.

1400: Log done.

Additional Comments

N/A

Signature





photo_1-20240228-DG-4A_Boulders-lookingNorthwest-at_start.jpg
-118.17495166666667 34.190796666666664



photo_2-20240228-DG-4A_Boulders-lookingNorthwest-after.jpg
-118.17490166666667 34.190715



photo_3-20240228-DG-4A_Boulders-lookingWestSouthwest-at_start.jpg
-118.17499333333333 34.19083166666666



photo_4-20240228-DG-4A_Boulders_Wside-lookingNorthNorthwest-after.jpg
-118.17517333333333 34.19050833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:00	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 10 weeding in DG-4 east of sheetflow

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CASJ, MODO, NOFL, CALT, SPTO, AMCR, RCPA, YRWA, WREN, EUCD, CATH, SOSP, NUWO, BEWR, CAQU, ANHU, Woodrat sp., CORA, WEBL, LEGO, Western fence lizard, DEJU, WCSP, OATI, WBNU, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0640: Pre-construction bird survey.

0705: Monitor weeding crew.

1400: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240229-DG-4_before_weeding_facingSouth.jpg
-118.17510686111112 34.191967319444444



photo_2-20240229-DG-4_before_weeding_facingEast.jpg
-118.17499880555556 34.19198441666666



photo_3-20240229-DG-4_after_weeding_facingSouth.jpg
-118.1751114638889 34.19199469444444



photo_4-20240229-DG-4_after_weeding_facingEast.jpg
-118.17502879444444 34.19201536111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 1, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	50 %
End of Day	15:30	58 °F	7-9 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of seven weeding DG-4 and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, COYE, PIFI, NOFL, BUSH, SPTO, CALT, BEWR, ANHU, OATI, MODO, AMCR, CASJ, KILL, NRWS, BGGN, CATH, LEGO, BLPH, YRWA, AMRO, RCPA, COHA, ECDO, WEME, HOFI, NOMO, CAKI, CORA, RBNU, SPTO, WCSP, RSHA, WEBL, MALL, RTHA, California ground squirrel, Western toad, Baja California tree frog.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Tailboard with crew.

0645: Surveyed work area. No nests found.

0700: Cleared crew to work. Primary work areas were the east side of boulder (crew of two), and DG-4 phase 1 areas to the immediate south and west of Boulder (crew of five). Primary targets were large poison hemlock individuals and scattered mustard that were in the undergrowth of the planted area.

0759: Found nest CASJ_01. Flagged off, advised crew to avoid.

1415: Crew begins wrapping up, inspected the site.

1430: Took photos of mitigation areas at request of Carly/Josh (ECORP).

1530: Leave site.

Additional Comments

N/A

Signature





photo_1-20240301-pre_weeding_facingEast.jpg
-118.17478129444444 34.19056331388889



photo_2-20240301-post_weeding_facingEast.jpg
-118.17475619444446 34.190601127777775



photo_3-20240301-pre_weeding_facingSouth.jpg
-118.1751661666667 34.1904307583333



photo_4-20240301-post_weeding_facingSouth.jpg
-118.1751499861112 34.19042457499994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 4, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	10 %
End of Day	14:30	61 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hula hoes, tarps, shovels, hand gloves.
3. Eight Natures Image staff plus field 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:

CASJ, BUSH, CAQU, ACWO, RTHA, SPTO, CALT, AMCR, AMRO, CATH, RCPA, NOMO, CORA, CANG, BEWR, SOSP, BARS, NOFL, HOFI, WCSP, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Go over todays plan (original plan changed due to soil moisture in first area).

0645: Survey area crew plans to work in today. California scrub-jay (CASJ) collecting nesting material. Followed for 30 plus minutes however no actual nest building.

0800: Area cleared for crew to work, begin weed removal.

0930: CASJ's continue to fly in and out of area undisturbed, collecting what looks like nest materials but again no actual nest building. The crew moves from current area slightly south to give birds space.

1300: Lots of dogs barking intermittently throughout the day.

1430: Crew begins to wrap up for the day.

Additional Comments

Fourth after photo taken at a different location further down south from before photo three due to CASJ collecting what looked like nest material in before photo therefore asking the crew to move. Confirmed CASJ did not build nest as I continued to monitor it throughout the shift and it remained undisturbed by crew working in area.

Signature





photo_1-20240304-before-facingEast-DG-4.jpg
-118.17273200000001 34.19424077777777



photo_2-20240304-after-facingEast-DG-4.jpg
-118.17265144444445 34.19418098611111



photo_3-20240304-before-facingEast-DG-4.jpg
-118.17272422222223 34.194224444444444



photo_4-20240304-after-facingEast-DG-4.jpg
-118.17265743333334 34.19423223333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 5, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	5 %
End of Day	13:30	65 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Genero

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CEDW, BUSH (at least one large group still nonnesting), SOSOP, AMCR, RCKI, CATH, RCPA, BEWR, TUVU, AMRO, OATI, CSJA, YRWA, SPTO, CALT, AGOL, CAQU, NOFL, PUF1, HOFI, CORA, BGGN, LEGO, NUWO, RSHA, CORA, WCSO, COHA, CANG, KILL, SBMU, BLPH, TUVU, WREN. Bobcat tracks, solo coyote in reservoir. ANHU, ALHU, many ladybugs. RTHA pair. HETH, ACWO, MODO, WEBL, fence and side-blotched lizards out with the sun.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Genero and I drive to northeast portion of restoration that is upland sage, mulefat, willow. Not many nonnative in the gravelly soil, so we move to "dirtpile", probably the highest elevation on site. The plantings look great, robust with blooming mulefat, willow, solanum Photo 2. Small native herbs are mixed with invasives (Photo 3) so we move to an area filled with hemlock for weeding Photo 2. No nesting activity is seen in this area.

0830: Walked south. Some tall primrose blooming. Reservoir empty of obvious waterfowl. California gnatcatcher gone by 0900. Lots of flow in creek feeding reservoir. Perfect conditions for weeding on the north/central property. Damp and solid, not muddy, as I walk south through the site DG4-WOUS and connections. Coopers Hawk in snag in WOUS together. female is immature, male adult. At lunch, documented bushtit (BUSH) BUSH_02 and Bewick's wren (BEWR) BEWR_01 nests east of the parking lot in the public area. Inundation starting at southeast primrose.

1300: Crew wraps up for the day.

Additional Comments

Coyote walks down to the reservoir to get a drink and give the Canada geese a good morning! They are nervous and swim towards deeper water. The Coyote moves upstream which is flowing mightily. Disappears into the east restoration.

Signature





Photo1PRE-Weed_dirtpile_poison_hemlock_lookingWest.jpg
-118.17226974166667 34.19323622222222



Photo2Vigorous_growth_and_blooms_dirtpile.jpg
-118.17231316666667 34.19324077777774



ExPhoto3Eample_of_native_nonnative_herbs_dirtpile.jpg
-118.17225909722222 34.19338893055555



Post_weed_dirtpile_DG4A_Looking_west.jpg
-118.1723243888889 34.19321449999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: March 6, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	40 %
End of Day	13:00	56 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of seven weeding in DG-4 California sage scrub.

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, CASJ, AMCR, CANG, YRWA, BUSH, HOFI, RCPA, CALT, BEWR, ANHU, PUF1, WREN, AMRO, BGGN, Desert cottontail, Western toad, EUST, EUCD, WCSP, RSHA, KILL, LEGO, ACWO, CATH, AGOL, NUWO, NOFL, California ground squirrel, WEBL, DEJU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with crew.

0645: Pre-construction bird survey.

0715: Monitor weeding crew.

1300: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240306-DG-4_before_weeding_facingEast.jpg
-118.17255261111112 34.19423366666666



photo_2-20240306-DG-4_before_weeding_facingEast.jpg
-118.17255855555555 34.19402013888889



photo_3-20240306-DG-4_after_weeding_facingEast.jpg
-118.1725912222222 34.1942105



photo_4-20240306-DG-4_after_weeding_facingEast.jpg
-118.17258565 34.19402508333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 7, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	10 %
End of Day	14:40	61 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants by 11 Nature's Image crew members using hand tools, supervised by Genaro Gomez and Alberto.

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, ECDO, SOSP, CAQU, AMCR, OATI, WCSP, NUWO, BEWR, SPTO, HOFI, CANG, several CASJ, NRWS, RCPA, LEGO, NOFL, CATH, WEBL, CALT, RCKI, ACWO, brush rabbit, PUF1 singing, BUSH, YRWA, numerous CORA, ANHU, ALHU, BLPH, California ground squirrel, NOMO, WBNU, AMRO, CAKI, EUST, Small flock of VGSW, Three RTHA circling (adults), Western toad (medium-sized), Painted Lady, Western fence lizard, Milkweed beetle, Big-eared woodrat nest under laurel sumac shrub, COHA (juvenile) in flight (later an adult calling from a power pole, and at 1440, a pair seen in Mining Pit), MALL, *Pseudognaphalium californica* blooming, *Acmispon glaber* var. *glaber* blooming, TUVU, BGGN, *Ceanothus crassifolius* blooming, Arroyo willows (*Salix lasiolepis*) leafing out and flowering, *Baccharis salicifolia* flowering, *Marah fabacea* flowering, Bramble Hairstreak, Mourning Cloak.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0656: Preparation.

0656-0723: Checked DG-4A northwest of Dirtpile (mostly California sagebrush and California buckwheat) for nests and special status species. None found.

0728-1415: Weeding proceeds, mostly of nonnative mustards.

0748: Saw a few female California quail fly east out of shrubs from just north of work area, so continued checking under shrubs for nests until 0820. None found.

0905-1255: Scouted northern extremities of restoration site, intermittently coming back to today's weeding site to monitor.

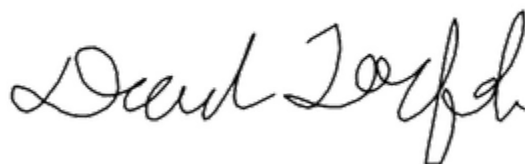
1255: Returned full-time to today's weeding site.

1440: Log done.

Additional Comments

Rained the day before.

Signature





photo_1-20240307-DG-4A_Northwest_of_Dirtpile-lookingSouthwest-before.jpg
-118.17244500000001 34.19461166666667



photo_2-20240307-DG-4A_Northwest_of_Dirtpile-lookingSouthwest-after.jpg
-118.17248500000001 34.19461833333333



photo_3-20240307-DG-4A_just_Southeast_of_Photo1-lookingNorth-after.jpg
-118.17265 34.19416



photo_4-20240307-DG-4A_just_South_of_Photo1-lookingNorthwest-after.jpg
-118.172725 34.19421

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 8, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	14:30	65 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 11 in DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, BUSH, WCSP, CAKI, SOSP, BEWR, PUFU, WREN, CASJ, AMRO, AMCR, CAQU, GRRO, RCPA, HOFI, AGOL, COHA, CATH, ANHU, BLPH, NAWA, RUDU, AMWI, BUFF, NOFL, CALT, MODO, ROPI, ECDO, MALL, CLSW, BGGN, WBNU, NRWS, YRWA, RCKI, WEBL, KILL, CANG, NUWO (40), EUST, DEJU, BTPI, LEGO, ACWO, CORA, OCWA, NOMO, Common side-blotched lizard, RTHA, OSPR, California ground squirrel, Desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with foreman.

0640: Performed a nesting bird survey in the DG-4 WOUS channels.

0700: Cleared crew to work. Focus for day was poison hemlock on the edges of the channels.

0830: Found nest Bewick's wren (BEWR) BEWR_02, implemented a 40-foot no-work buffer.

0930: Found bushtit (BUSH) BUSH_03. Implemented a 35-foot buffer.

1120: Found nest BUSH_04. Implemented a 35-foot buffer.

1150: Found nest Nuttall's woodpecker (NUWO) NUWO_01. Implemented a 30-foot buffer. They showed no signs of distress and the crew had been working very close by, allowing crew to work in buffer with supervision to ensure no behavioral changes.

1415: Crew began wrapping up.

Additional Comments

N/A

Signature





photo_1-20240308-pre_weeding_facingSouth.jpg
-118.17357309444445 34.192334805555554



photo_2-20240308-post_weeding_facingSouth.jpg
-118.17357533333333 34.192321166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 11, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	100 %
End of Day	14:37	63 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration, vegetation clearing
2. Hula hoes, shovels, tarps, hand gloves
3. Nature's Image eight field staff plus 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:

ANHU, RCPA, CANG, CASJ, CAQU, MODO, MALL, SPTO, CALT, WCSP, AMCR, AMRO, TRES, CATH, NOFL, HOFI, BEWR, SOSP, BUSH, RTHA, Western fence lizards, White cabbage butterfly, Cotton tail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive to site, daylight savings yesterday so it was pitch black upon arrival. Go over today's plan, sunrise at 0708.

0650: Day light coming in, begin to survey area crew would like to work in today.

0730: Area cleared, crew begins vegetation removal. Weeding area was DG-4A in the field just south of boulder (crew calls this area center upper).

0930: Continued to monitor site for any bird or nesting activities.

0230: Crew begins to wrap up for the day and starts to remove tarps from site.

Additional Comments

Since daylight savings was yesterday, the 0630 am start was essentially pitch dark. Sunrise was at 0708 however enough light was out by 0650 to survey. Lots of helicopters circling around the area throughout the day (possible noise disturbance to birds)

Signature





photo_1-20240311-before-facingSouth-DG4.jpg
-118.1753417777779 34.1904424166666



photo_2-20240311-after-facingSouth-DG4.jpg
-118.1753822777779 34.19044403888884



photo_3-20240311-before-facingWest-DG4.jpg
-118.17533744444445 34.19045929166666



photo_4-20240311-after-facingSouth-DG4.jpg
-118.17540887222222 34.19045725833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 12, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	60 %
End of Day	13:30	60 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image Genero foreman, Linda, Charlie, Tatiana, Ceasar, Matt.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, BEWR, CALT, WREN, SOSP, SPTO, MODO, ACWO, CSJA, AMCR, RCPA, NOFL, CANG, CATH, YRWA, HOFI, NUWO, ANHU, AMRO, RNDU, BUFF, RUDU, KILL, DOWO, BTYW, TOWA, HUVI, CAVI, DUFL, OATI, unidentified snake (likely gopher snake).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive in dark due to daylight savings time. Review area that we are working in today for nests, etc. (Field maps).

0650: Genero and I walk to site, DG-4A Center upper, to continue where the crew left off yesterday. SO MUCH SINGING (dawn chorus). Check on California scrub-jay nest (sticks but unlined) in this area. No jays nearby throughout morning, took photo of empty nest. No activity all day.

0715: Crew arrives, I suggest they start with the shrubby edges before nesting season gets really active. Birds less likely to nest in the newly planted restoration so crew can move inward to avoid more likely nesting areas. Lots of thistle, mustard, and pepperweed. Removed old wasp nest flagging, inactive. The mugwort, baccharis and older stakes of mulefat look particularly good here. Crew is spread out in this area, tackling edges. Clean up at 1300. One crew saw a small, young snake, probably a gopher.

Additional Comments

Documented song sparrow (SOSP) SOSP_01 along public pathway. Bird was taking food into nettles. Needs recheck. I checked 4 of the old wasp nests. None appeared active. Can remove flagging on recheck.

Signature





Pre-weed-lookingSouth.jpg

-118.1754369277778 34.19046930555555



Pre-weed_lookingWest.jpg

-118.1755816 34.19045459444444



Post-weed_lookingWest.jpg

-118.1755135388889 34.1906135555555



Post-weed_lookingSouth.jpg

-118.17539845555557 34.19051330555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: March 13, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	50 %
End of Day	13:00	65 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of seven weeding in DG-4A center upper field.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, CAKI, CASJ, AMCR, CORA, SPTO, WREN, SOSPO, BEWR, CANG, CALT, NUWO, Desert cottontail, LEGO, NOFL, ANHU, YRWA, BUSH, RCPA, RCKI, CATH, AGOL, BGGN, EUCD, RSHA, ACWO, CAQU, Botta's pocket gopher, WEBL, California ground squirrel, Western fence lizard, KILL, Common side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prep with the crew.

0650: Pre-construction bird survey.

0720: Monitor weeding crew.

1300: Crew finished weeding, completed daily log.

Additional Comments

N/A

Signature





photo_1-20240313-DG-4A_before_weeding_facingSouth.jpg
-118.17564694444445 34.190489388888885



photo_2-20240313-DG-4A_after_weeding_facingSouth.jpg
-118.17563466666667 34.190532805555556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 14, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	7-9 MPH	0 %
End of Day	14:20	63 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of nonnative plants, mostly mustards and poison hemlock, by 12 Nature's Image crew members using hand tools, supervised by Genaro Gomez and Alberto. Raul present.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, SOSP, AMCR, ACWO, YRWA, CALT, SPTO, HOFI, WCSP, BEWR, CAQU, MODO, CORA, CASJ, ECDO, WEBL, DEJU, OATI, BGGN, CLSW, LEGO, NRWS, California ground squirrel, BUSH, AGOL, COHA, VGSW, NOFL, CATH, ANHU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0654: Preparation. Very windy from northeast.

0655-0720: Checked DG-4A far northwest of Dirtpile for nests and special status species. Nothing found.

0726-1300: Weeding proceeds.

1300: Crews retreat to work vehicles to wait out wind, due to up to 14 mph wind speeds and proximity to power lines.

1345: Nature's Image crew member Eduardo said he saw a California scrub-jay (CASJ) carrying nesting material and a nest in an elderberry on his lunch break yesterday and forgot to tell Maddy. It's just southeast of the storage container (see Field Maps).

1350-1410: Monitored suspected CASJ nest site, recorded it in Field Maps, and flagged it. Did not see nest.

Observed CASJ activity at/near elderberry and heard CASJ alarm calls nearby.

1410: Winds persisted; crew leaves restoration site for the day.

1420: Log done.

Additional Comments

Several small openings in California sagebrush scrub just west and southwest of photo sites 1-4 were also weeded, comprising an additional 700 square feet or so. These areas were difficult to photograph because of their narrow, confined nature between closely spaced shrubs.

Signature





photo_1-20240314-DG-4A_far_northwest_of_Dirtpile-lookingnorth-before.jpg
-118.17225166666667 34.19456666666667



photo_2-20240314-DG-4A_far_northwest_of_Dirtpile_lookingnorth_after.jpg
-118.172245 34.19461666666666



photo_3-20240314-DG-4A_just_north_of_photo1-looking southwest-before.jpg
-118.1721350000001 34.194786666666666



photo_4-20240314-just_north_of_photo2-looking southwest-after.jpg
-118.17207166666667 34.194714999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Mike Walsh
Company: Stillwater
Date of Log: March 15, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	4-6 MPH	15 %
End of Day	14:30	62 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 11 weeding DG-4A in the "center upper" clearing.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, AMRO, BUSH, BEWR, SOSP, SPTO, NUWO, ACWO, AMCR, CANG, MALL, BGGN, RNDU, MALL, ANHU, NOFL, LEGO, CATH, EUST, ANHU, YRWA, MODO, BTPI, CALT, WCSP, CASJ, PUF1, DEJU, WREN, CORA, LISP, WEBL, WTSW, OCWA, KILL, AMWI, RUDU, BUFF, RSHA, BLPH, DOWO, Western fence lizard, Desert cottontail, Fox squirrel, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard with crew.

0645: Surveyed work area. No nests found.

0700: Cleared crew to work, work area was center upper field. Primary target was poison hemlock, some *Cirsium vulgare*. Asked crew to prioritize larger weeds and leave small ones that will likely die with no intervention.

0830: Found nest California Kingbird_01.

1200: Found nest California scrub-jay_03.

Additional Comments

N/A

Signature





photo_1-20240315-pre_weeding_facingNorth.jpg
-118.17559769444445 34.19033262222222



photo_2-20240315-post_weeding_facingNorth.jpg
-118.17560802777778 34.190340638888884



photo_3-20240315-pre_weeding_facingSouth.jpg
-118.1756740277779 34.1902966222222



photo_4-20240315-post_weeding_facingSouth.jpg
-118.1756821666668 34.19030938888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Daniel Jaques
Company: ECORP
Date of Log: March 18, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	49 °F	0-3 MPH	0 %
End of Day	14:24	72 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration: Weeding
2. Hand tools
3. 11 workers, Nature's Image, G. Gomez; Mike Walsh from Stillwater

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOFL, ACWO, NUWO, CASJ, WCSP, SOSP, CAQU, AMRO, LEGO, EUCD, CATH, Parrot sp., CANG, MALL, SAPH, CALT, MODO, SPTO, BUSH, BGGN, KILL, BEWR, RNDU, AMCR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with foreman.
0640: Performed a nesting bird survey, no nests found.
0700: Cleared crew, monitored weeding in DG-4A. Primary targets were *Rumex crispus* and *Conium maculatum*.
0740: Relocated a Western fence lizard.
0745: Found nest SOSP_02. Implemented a 45-foot buffer.
0830: Crew started break.
0910: Crew returned from break.
1040: Saw SOSP pair with nesting material and adjusted buffer.
1050: Crew stopped for lunch.
1100: A couple of people were walking along main path in mitigation area. They were interested in where I was coming from under the tree trunk, and I informed them it was a restoration area.
1210: Crew returned from lunch.
1230: Relocated Western toad past nest buffer.
1300: Crew that joined us from Perris left for the day.
1315: Crew started final break.
1330: Crew finished break and began cleaning.
1355: Clean up finished and all crew left.

Additional Comments

N/A

Signature





start_of_day_facingSouth.jpg
-118.17580277777778 34.190013888888885



mid_day_progress_facingSouth.jpg
-118.17579777777779 34.19000472222222



end_of_day_facingSouth.jpg
-118.17580583333334 34.190054999999994



end_of_day_facingWest.jpg
-118.17583083333334 34.19006083333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 19, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	50 °F	0-3 MPH	0 %
End of Day	13:58	71 °F	4-6 MPH	10 %

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, AMRO, SPTO, WCSP, YRWA, RCKI, HOWR, CANG, AMCR, ANHU, BEWR, LEGO, ACWO, CASJ, CAQU, MODO, CALT, KILL, HOFI, NOFL, CAKI, RTHA, Western toad, Western fence lizard, California ground squirrel, Desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Began sweep of work area prior to work commencing.

0655: DG4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact.

1300: Crew begins carrying out weeds in tarps and loading them into the dumpster.

1400: Crew finishes work for the day.

Additional Comments

N/A

Signature





Before_DG4A_facingNorthwest.jpg
-118.1758992777779 34.18996291666666



During_DG4A_facingNorthwest.jpg
-118.17589307222222 34.18994594444444



After_DG4A_facingNorthwest.jpg
-118.17604993055556 34.19000515833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Sam Harrison
Company: ECORP
Date of Log: March 20, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:27	50 °F	0-3 MPH	0 %
End of Day	13:41	71 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration (weed removal)
2. Hand tools (Hoe, Shovels), hand pulling
3. Genaro (foreman), eight 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, Ladybird beetle, Carpenter bee, Cabbage white, Western fence lizard, Western toad, Treefrog sp. (heard) CATH, BEWR, BUSH, CALT, AMCR, SPTO, AMRO, BUSH, CASJ, CANG, WREN, WCSP, SOSP, NOFL, YRWA, HOFI, Amazonia sp., NOFL, KILL, LEGO, EUCO, ACWO, CEWA, CAKI, LEGO, BGGN, BLPH, ALHU, NUWO, ANHU, CAQU, COYE, RCKI, CORA, MODO, WTSW, RSHA, OATI, Desert cotton tail, Domestic dog (heard), California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Checked in with Gernaro.

0645: Conducted pre activity nesting bird survey. No new nests detected. Still trying to confirm suspected song sparrow nest from the previous two days of monitoring.

0700: Crew started working in DG-4A. Two of the crew members are installing irrigation as well. They are removing pepperweed, hemlock, mustard.

0830: Crew took first break. Still working in DG-4A.

0847: Saw song sparrow acting territorial with nesting material and flew southwest in DG-4A.

0915: Crew resumed work in DG-4A. They are still removing weeds by hand.

0953: Observed a Bewick's wren with nesting material and saw it go into a tree cavity and exit with no nesting material. Took point on Field Maps and established a 50ft buffer.

1043: Crew stopped for lunch.

1200: Crew resumed work in DG-4A.

1300: Rechecked on Bewick's wren-01 in DG-4A. Still actively building nest in cavity. Doesn't seem disturbed by current weeding activity.

1330: Crew is finishing up for the day and cleaned up the work area. They are going over to dump everything and then will leave for the day.

Additional Comments

N/A

Signature

Y. V.



DG-4A_northwest.jpg



Crew_working_west.jpg



Crew_finished_for_the_day_west.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: March 21, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:00	68 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

California ground squirrel, Desert cottontail, Side-blotched lizard, Tiger swallowtail, MODO, AMCR, CALT, SOSP, BEWR, WREN, SPTO, CANG, CATH, HOWR, NOMO, NUWO, LEGO, BUSH, RCKI, YRWA, NOFL, OATI, OCWA, CAVI, DOWU, CASJ, RCPA, CORA, ACWO, KILL, WCSP, EUCD, HOFI, CEWA, BLPH, CAQU, WBNU, EUST, AGOL, AMRO, BGGN, SBMU, RUDU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Checked in with Genaro. Started nesting bird sweep in DG-4A.

0710: Finished sweep. No nesting activity observed in area. Crew started work. Monitored bird activity in the area and looked for previously discovered nests.

0830-0900: Crew's morning break.

0900: Crew resumed work. Continued monitoring wildlife activity.

1045-1215: Crew took lunch.

1215: Crew resumed work. Continued monitoring wildlife activity.

1345: Crew finished pulling weeds for the day, started cleaning up.

1400: Left site.

Additional Comments

N/A

Signature





20240321_work_area_before_facingSouth.jpg
-118.17686848611112 34.19079458333333



20240321_work_area_at_lunch_facingSouth.jpg
-118.17683341666667 34.19081594444444



20240321_work_area_end_of_day_facingSouth.jpg
-118.17685894444445 34.19081025833333



20240321_work_area_end_of_day2_facingSouth.jpg
-118.17672480555557 34.19081519444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amber Francis
Company: ECORP
Date of Log: March 22, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	49 °F	0-3 MPH	100 %
End of Day	13:50	68 °F	0-3 MPH	65 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWK, SPTO, SOSPO, AMCR, NUWO, MODO, CASJ, CORA, RCPA, DEJU, OATI, CANG, BGGN, RCKI, MALL, LEGO, COYE, YRWA, AMRO, Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived onsite.
0635: Genaro Vargas (Natures Image Foreman) takes me to work site for the day.
0645: Surveyed work area.
0700: Deemed work area clear for crew to begin work.
0705: Crew starts weeding efforts.
0825: Crew leaves work area for break.
0900: Crew returns from break.
0949: Relocated Western toad outside of work area.
1036: Crew breaks for lunch.
1200: Crew returns from lunch. Surveyed area again before crew resumed weeding efforts.
1330: Crew starts cleaning up materials.
1338: Crew leaves work area.
1350: Left site.

Additional Comments

N/A

Signature





WorkSite_Before_facingSoutheast.JPG
-118.17694444444444 34.190736111111111



WorkSite_during_facingNortheast.JPG
-118.17673055555557 34.190672222222222



WorkSite_after_facingSoutheast.JPG
-118.17689722222222 34.19070555555555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	0 %
End of Day	14:00	63 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing (mitigation area DG-4A).
2. Hand tools, Kubota.
3. Nature's Image, eight total.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, Cottontail, CASJ, CANG, BEWR, NUWO, ALHU, Amazonia sp., MODO, CAQU, SPTO, CORA, SOSP, NOMO, NOFL, CATH, BUSH, YRWA, BGGN, ACWO, LEGO, EUST, ROPI, ANHU, RCKI, WCSP, Western toad, California ground squirrel, HOFI, RSHA, MALL, CAKI, OATI, Western fence lizard, BAEA (two adult bald eagles flying overhead).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Cleared area for crew to do weed abatement.
0709: Crew begins using hand tools and pulling weeds by hand. Plants mostly consist of poison hemlock, mustard, and thistle.
0830: Break.
0905: Crew returns.
0935: Relocated a Western toad in the work area.
1045-1200: Lunch.
1211: Resumed work.
1220: Spoke with Genero. Will be ending around 1400 today rather than 1430.
1309: Two bald eagles flying overhead. White head and tail clearly visible.

Additional Comments

N/A

Signature





Pre_vegetation_clearing_facingSouth.jpg



Post_vegetation_clearing_facingSouth_Southeast.jpg



Pre_vegetation_clearing_facingNorthwest.jpg



Post_vegetation_clearing_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 25, 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	63 °F	10-12 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal along the north end of DG-2 and Johnson Field.
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: Oak titmouse, House wren, Canada goose, European starling, California towhee, Yellow-rumped warbler, Red-crowned parrot, Common raven, California scrub-jay, Wrentit, Nuttall's woodpecker, Cooper's hawk, Ruby-crowned kinglet, Bushtit, Anna's hummingbird, Blue-grey gnatcatcher, American crow, Bewick's wren, Song sparrow, Lesser goldfinch, Killdeer, Bufflehead, Ring-necked duck, Killdeer, Spotted towhee, Northern rough-winged swallow, Ruddy duck, California thrasher, Allen's hummingbird, Northern flicker, White-crowned sparrow, California quail, Western bluebird, Mourning dove, Orange-crowned warbler

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

Herps: Side-blotched lizard, Western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0715: Checked in on Anna's hummingbird_01.

0735: Checked in on Cooper's hawk_01

0800: Documented major erosion on south end of DG-2.

0900: Checked in on European starling_01 and discovered house wren_01

0930: Crew broke for break.

1200: Crew broke for lunch.

Additional Comments

Signature





Major_erosion_along_trail_South_end_DG2.jpg



Major_erosion_along_trail_South_end_DG2(2).jpg



Crew_weeding_North_end_of_DG2.jpg
-118.17157038055556 34.192152541666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:37	47 °F	0-3 MPH	0 %
End of Day	13:20	63 °F	0-3 MPH	75 %

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:

BEWR, NUWO, HOFI, SOSF, SPTO, BUSH, YRWA, RCKI, HOWR, CANG, AMCR, ANHU, LEGO, ACWO, CASJ, CAQU, MODO, CALT, WCSP, CORA, WEBL, BUFF, RTHA, Western toad, Baja California tree frog, Western fence lizard, California ground squirrel, Wood rat, Western honey bee

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0642: Began sweep of work area prior to work commencing.

0658: DG-4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact. No new nests observed today.

1300: Crew begins to move tarps full of weeds onto the truck. There will be no more weeding for the day.

1320: Depart site.

Additional Comments

N/A

Signature





Before_DG4A_facingSoutheast.jpg
-118.17689788888889 34.18970776666665



During_DG4A_facingSoutheast.jpg
-118.17690287500001 34.18970043333333



DG4A_after_facingSoutheast.jpg
-118.17692296111112 34.18972052777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 26, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	75 %
End of Day	15:00	70 °F	4-6 MPH	65 %

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 nine 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.

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

Could not rename photos: Invasive_species_removal_DG-2_facingN Invasive_species_removal_DG-2_facingN

Signature

Handwritten scribble or signature.



Invasive_species_removal_DG-2_facingNorth.jpg



Invasive_species_removal_DG-2_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 27, 2024

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

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 and begins work in DG-2B.

1200: Crew breaks for lunch.

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

1455: Crew stops work for the day.

Additional Comments

Unable to name first photo: Invasive_species_removal_DG-2_facingN

Signature





Invasive_species_removal_DG-2_facingNorth.jpg



Invasive_species_removal_DG-2B_facingSouthwest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Carly Taylor
Company: ECORP
Date of Log: March 27, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:00	67 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing (non-natives)
2. Hand tools
3. Nature's Image (7)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, CORA, NUWO, ACWO, SOSP, ANHU, BUSH, WREN, SPTO, BEWR, LEGO, CALT, CASJ, MODO, CANG, Amazonia sp., BGGN, COHA, DCCO, CATH, RSHA, WEBL, EUCD, BUOR, DEJU, HOFI, Western fence lizard, Cottontail, MALL, ALHU, California ground squirrel, Fox squirrel, RCKI, YRWA, NOFL, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site for pre sweep ahead of crew. No nesting birds observed.

0717: Crew begins working in DG-4A mitigation area removing primarily poison hemlock, fireweed, and mustard.

Observed Western bluebird pair examining holes in metal telephone pole for nest. Not suitable nesting.

0823: Break

0832: Noticed Bewick's wren pair with nesting material off trail. Made point in FieldMaps.

0907: Work resumes.

0938: Observed bushtit with nesting material off trail (other side of trail than work area).

1010: Moved work area slightly north (area was missed previously). Mostly poison hemlock and non-native spurge.

1045-1200: Lunch.

1205: Observed Nuttall's woodpecker cleaning out nest hole in willow branch. Comes back infrequently (so assuming no fledglings or nest yet) but returns enough to indicate nest building.

1318: Break.

Additional Comments

N/A

Signature





Pre_vegetation_removal.jpg



Pre_vegetation_clearing.jpg



Post_vegetation_clearing.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Madison Panzino
Company: ECORP
Date of Log: March 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	13:35	66 °F	0-3 MPH	70 %

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 of seven, 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:

COYE, BEWR, NUWO, OATI, SOSP, SPTO, BGGN, BUSH, YRWA, WCSP, RCKI, HOWR, CANG, AMCR, ANHU, LEGO, ACWO, CASJ, LESC, BUFF, MODO, CALT, WEBL, RTHA, CAQU, CORA, Western toad, Western fence lizard, California ground squirrel, Desert cottontail, Western honey bee, Cabbage white

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0635: Began sweep of work area prior to work commencing.

0655: DG4A cleared for work and Natures Image crew begin weed abatement activities. The crew removes non-native weed species such as *Rumex crispus* and *Conium maculatum* using hand tools and carries them off the site while leaving native species intact.

1215: Observed a pair of blue-gray gnatcatchers nest building ~50 ft up a willow tree in DG4. Established a 30 ft no work buffer and notified Genaro and crew.

1310: Crew begins to move tarps full of weeds onto the truck. There will be no more weeding for the day.

1335 Depart site.

Additional Comments

N/A

Signature





Before_DG4A_facingNorth.jpg
-118.17669444444445 34.189547999999995



During_DG4A_facingNorth.jpg
-118.17671508333333 34.18956420833333



After_DG4A_facingNorth.jpg
-118.17672880555556 34.189562269444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 28, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	15:00	66 °F	7-9 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal in DG-3A
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, House wren, Yellow-rumped warbler, California towhee, White-crowned sparrow, Northern rough-winged swallow, Canada goose, Northern mockingbird, Lesser goldfinch, California scrub -jay, Killdeer, Great blue heron, Red-crowned parrot, Mallard, Ruddy duck, Eared grebe, House finch, Northern flicker, Song sparrow, Savannah sparrow, Blue-grey gnatcatcher, Bewick's wren, Nuttall's woodpecker, Spotted towhee, Ruby-crowned kinglet, Ring-necked duck, Mourning dove, Red-tailed hawk, Black phoebe, Anna's hummingbird, Cooper's hawk, Turkey vulture, California quail, Oak titmouse, Allen's hummingbird, Wrentit

Mammals: Audubon's cottontail, Beechey ground squirrel

Herps: Western fence lizard, Side-blotched lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: ICF Biologist Cole Sutter arrived on site.

0730: Walked west side of site.

0900: Discovered bushtit_06,

1000: Examined crew weeding contents and spoke with crew lead Juan.

1200: Crew broke for lunch.

1300: Walked Johnson Field and DG-2 to determine weed dense areas

Additional Comments

Signature





CrewDG3A.jpg

-118.17324511944445 34.18688434166666



Bushtit_06.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: March 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	50 °F	0-3 MPH	100 %
End of Day	14:05	59 °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

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: WREN, CALT, SPTO, SOSP, BEWR, WCSP, CAQU, CORA, AMCR, RCPA, CAGO, RCKI, BUSH, OCWA, ANHU, YRWA, KILL, RNDU, MALL, NRWS, LEGO, CLSW, WEGU, HOFI, RUDU, BUFF, NUWO, DCCO, COHA, BLPH, BTYW, WIWA, AMRO, ACWO, BGGN, MODO, CASJ, OATI, EUST, DOWO, WTSW, HOME, RTHA, CATH, ALHU, TUVU, AGOL

Amphibians: Western toad

Reptiles: Western fence lizard

Mammals: California ground squirrel, Fox squirrel, Desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site. Work today will consist of weed removals at the far south end of the site by the south entrance gate.

0900: Crew takes 15-minute break.

0930: Crew continues weed removal along concrete pathway by DG-3A, focusing on pulling nonnative grasses.

1200: Gothic crew takes lunch break.

1230: Resumes weed removal work throughout DG-3A area.

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

Additional Comments

Multiple bushtit nests and a song Sparrow nest were located; avoidance buffer flagged.

Signature





DG-3A_weedremoval_facingNorthwest.jpg
-118.17356404444445 34.18576740555555



Bushtit_nest_DG-4_facingWest.jpg
-118.1772837777779 34.1872342888889



DG-3A_weed_removal_facingWest.jpg
-118.17353501666668 34.18551814722222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Eliza McLean
Company: ECORP
Date of Log: March 29, 2024

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	47 °F	4-6 MPH	50 %
End of Day	13:30	59 °F	7-9 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Removal of 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:

RCPA, SPTO, BEWR, COYE, SOSPO, AMCR, CANG, LEGO, CALT, HOWR, BUSH, MALL, YRWA, KILL, WCSP, HOFI, ANHU, RTHA, MODO, CASJ, ACWO, BGGN, NUWO, OATI, WEBL, European honeybee, Western toad, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Genaro, walked to work area in DG-4A (34.189349°N 118.176408°W). Started nesting bird sweep.

0700: Cleared area. No nesting activity in the immediate vicinity.

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

0825-0905: Crew's morning break.

0930: Moved a Western toad out of the work area.

1040-1200: Crew's lunch.

1230: Crew moved to DG-4 area off of trail (34.189697°N 118.177337°W).

1315: Crew finished weeding for the day. Hauled weeds back to trailer. Plan to take a break and then finish up in trailer area. Took end of day photos, checked out with project manager, walked back to parking lot.

1330: Left site.

Additional Comments

N/A

Signature





20240329_workarea1before_facingNorthwest.jpg
-118.17640593333334 34.18932394444444



20240329_workarea1atlunch_facingNorthwest.jpg
-118.17627291666668 34.18925409166666



20240329_workarea2before_facingSouth.jpg
-118.1773284444446 34.1897070277777



20240329_workarea2after_facingSouth.jpg
-118.1773452777779 34.1896682361111