

**Second Quarter Compliance Report for Activities
Occurring
Between April 2023 and June 2023
for the
Devil's Gate Reservoir Restoration Project**

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LIST OF ACRONYMS AND ABBREVIATIONS

Term	Definition
CDFW	California Department of Fish and Wildlife
CNDDDB	California Natural Diversity Database
ITP	Incidental Take Permit
LACFCD	Los Angeles County Flood Control District
MM	Mitigation Measure
USFWS	U.S. Fish and Wildlife Service

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the second quarter of 2023 (April through June). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.7 in the ITP states:

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

This is the nineteenth report (Quarterly Compliance Report Number 19) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between April 1 and June 30, 2023.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

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

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

No sediment removal activities were conducted during the second quarter of 2023. As such, weekly least Bell's vireo surveys (per ITP Condition 7.3.4) were continued in the second quarter of 2023. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Second Quarter 2023 Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.	
Date	Designated Biologist
04/06/23	Carla Marriner
04/11/23	Christine Tischer
04/19/23	Jill Coumoutso
04/25/23	Christine Tischer
05/05/23	Christine Tischer
05/09/23	Carla Marriner
05/18/23	Jill Coumoutso
05/26/23	Taylor Dee
06/01/23	Carla Marriner
06/05/23	Lauren Simpson
06/16/23	Lauren Simpson
06/20/23	Christine Tischer
06/28/23	Carla Marriner

Least Bell's vireo was not observed by Designated Biologists during focused survey work during the second quarter of 2023; however individuals were observed by Designated Biologists monitoring onsite habitat restoration work in April and May. The dates and details of observations of least Bell's vireo made during onsite restoration work are described below.

On April 19, 2023, a least Bell's vireo was incidentally documented by the Stillwater Sciences restoration monitor. The vireo was heard singing and jumping from tree to tree. The individual was observed throughout the day and at one point was heard roughly 200 feet from work. Work in the area was paused until a new work area was cleared.

On May 8, 2023, a male least Bell's vireo was incidentally documented by the Stillwater Sciences restoration monitor. The vireo was observed foraging and singing full song phrases within the onsite mitigation area. Work in the area was paused until a new work area was cleared. No additional observations of the individual were made after the initial morning observation.

CNDDDB forms for these observations were submitted and are included as attachments to each monthly survey report. The least Bell's vireo breeding season survey reports for April, May, and June 2023 are included in Appendix A.

2.2 Biological Monitoring

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

Per Conservation Measure 10 of the USFWS Informal Section 7 Consultation “If construction occurs between September 1 to March 14 (outside of the vireo breeding and nesting season), a designated construction monitor will conduct twice weekly inspections of the project site.”

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

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

Table 2. Monitors Onsite During Work Days	
Date	Restoration Monitors
04/03/23	Michael Walsh, Cole Sutter
04/04/23	Maddy Uetrecht, Cole Sutter, Michael Walsh
04/05/23	Vincent Baker, Maddy Uetrecht, David Torfeh
04/06/23	Vincent Baker, Michael Walsh, David Torfeh
04/07/23	Kipp Marzullo, Michael Walsh
04/10/23	Kristen Klinefelter, Michael Walsh, Jessica Medrano
04/11/23	Maddy Uetrecht, Dawn Garcia, Kristen Klinefelter
04/12/23	Vincent Baker, David Torfeh, Dawn Garcia
04/13/23	Cole Sutter, David Torfeh
04/14/23	Cole Sutter, Michael Walsh
04/17/23	Jessica Medrano, Cole Sutter, Michael Walsh
04/18/23	Kristen Klinefelter, Michael Walsh
04/19/23	David Torfeh, Vincent Baker, Michael Walsh
04/20/23	David Torfeh, Maddy Uetrecht, Vincent Baker
04/21/23	Cole Sutter, Maddy Uetrecht
04/24/23	Jessica Medrano, Kristen Klinefelter
04/25/23	Kristen Klinefelter, Maddy Uetrecht
04/26/23	David Torfeh, Kipp Marzullo
04/27/23	Cole Sutter, Michael Walsh
04/28/23	Maddy Uetrecht, Cole Sutter
05/01/23	Cole Sutter, Maddy Uetrecht

Table 2. Monitors Onsite During Work Days	
Date	Restoration Monitors
05/02/23	Michael Walsh, Phillip Richards
05/03/23	Michael Walsh, Kipp Marzullo
05/04/23	David Torfeh
05/05/23	David Torfeh, Kipp Marzullo
05/08/23	Cole Sutter, Dawn Garcia
05/09/23	Amanda Martinez, Dawn Garcia
05/10/23	Maddy Uetrecht, Kipp Marzullo
05/11/23	Maddy Uetrecht, Kipp Marzullo
05/12/23	Kipp Marzullo, David Torfeh
05/15/23	Kristen Klinefelter
05/16/23	Maddy Uetrecht, Amanda Martinez
05/17/23	Kipp Marzullo, David Torfeh
05/18/23	Amanda Martinez, Dawn Garcia
05/19/23	Dawn Garcia, Kipp Marzullo
05/22/23	Vincent Baker, Michael Walsh
05/23/23	Maddy Uetrecht, Amanda Martinez
05/24/23	David Torfeh, Amanda Martinez
05/25/23	Vincent Baker, David Torfeh
05/26/23	Vincent Baker, Michael Walsh
05/29/23	No Work- Memorial Day
05/30/23	Kristen Klinefelter
05/31/23	Amanda Martinez, David Torfeh
06/01/23	Vincent Baker, Maddy Uetrecht
06/02/23	Amanda Martinez, Michael Walsh
06/05/23	Cole Sutter, Dawn Garcia
06/06/23	Cole Sutter, Dawn Garcia
06/07/23	Amanda Martinez, Michael Walsh
06/08/23	Michael Walsh, Kristen Klinefelter
06/09/23	Amanda Martinez, Maddy Uetrecht
06/12/23	Dawn Garcia, Kipp Marzullo

Table 2. Monitors Onsite During Work Days	
Date	Restoration Monitors
06/13/23	Cole Sutter, Dawn Garcia
06/14/23	Amanda Martinez, David Torfeh
06/15/23	Maddy Uetrecht, Kipp Marzullo
06/16/23	Amanda Martinez, Maddy Uetrecht
06/19/23	Maddy Uetrecht, Cole Sutter
06/20/23	Kristen Klinefelter, Maddy Uetrecht
06/21/23	Phillip Richards, David Torfeh
06/22/23	Cole Sutter, Dawn Garcia
06/23/23	Cole Sutter, Dawn Garcia
06/26/23	Vincent Baker, Dawn Garcia
06/27/23	Dawn Garcia, Cole Sutter
06/28/23	Vincent Baker, David Torfeh
06/29/23	Kristen Klinefelter, David Torfeh
06/30/23	Cole Sutter, Maddy Uetrecht

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

2.3 Project Activities

No construction related Project activities were conducted onsite during the second quarter 2023 reporting period.

2.4 Habitat Restoration Activities

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

- Restoration activities continued from April 1, 2023 through June 30, 2023.
- Low-growing non-native plants including Italian thistle (*Carduus pycnocephalus*), perennial pepperweed (*Lepidium latifolium*), black mustard (*Brassica nigra*), poison hemlock (*Conium maculatum*), curly dock (*Rumex crispus*), common stork's bill (*Erodium cicutarium*), tocalote (*Centaurea melitensis*) and non-native grasses (*Bromus* spp.) were removed from the DG-1, DG-W-1 (Johnson Field), DG-2, DG-2A, DG-2B, DG-2 WOUS, DG-W-2, DG-W-2 mining pit (and outlet), DG-3A, DG-3B, DG-4, DG-4A, DG-4 drainage, DG-4 mining pit, DG-4 sheetflow, DG-4 WOUS, DG-4 WOUS connections, DG-4B, DG-8, and side slopes within the site, onsite restoration areas by hand pulling and using small hand tools, shovels, weed whips, hula hoes, a one line trimmer and

rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.

- Plants were installed in DG-4 and DG-4A, DG-4 WOUS including blackberry (*Rubus ursinus*), elderberry (*Sambucus* sp.), California rose (*Rosa californica*), cottonwood (*Populus fremontii*), mug wort (*Artemisia douglasiana*), and coyote bush (*Baccharis pilularis*).
- Mulefat (*Baccharis salicifolia*) stakes were installed in DG-4A
- Microline irrigation installed in DG-4 and 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 July 1, 2023 to September 30, 2023.

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	No initial ground- or vegetation-disturbing construction related activities occurred during the 2023 second quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2023 second quarter reporting period. See Table 2 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2023 second quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19, 3/1/20 - 5/19/20, 3/17/21- 3/29/21, 07/19/22, 07/25/22, 07/26/22, 07/28/22	No construction ground-disturbing activities occurred during the second quarter of 2023. As such, no preconstruction surveys for sensitive wildlife species took place during the second quarter of 2023.
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	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 and 09/08/22	No construction ground-disturbing activities occurred during the second quarter of 2023. As such, no preconstruction surveys for nesting birds took place during the second quarter of 2023. Designated Biologists monitored restoration activities daily during the nesting season during the second quarter 2023 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
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>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <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>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/2018 – 11/08/2018</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2023 second 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 species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful 	<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 2023 second 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		
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<p>restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:</p> <ul style="list-style-type: none"> ○ 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. <ul style="list-style-type: none"> ● Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. ● Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> ○ 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. <ul style="list-style-type: none"> ● Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-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</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 	<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 2023 second 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
replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.	<ul style="list-style-type: none"> • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 						
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following:</p> <ul style="list-style-type: none"> • Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands). • Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. • Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different plant species), structural patch richness, and wildlife use. • Prepare and implement a site-specific Habitat Restoration Plan that will result in 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 	<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 2023 second 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>circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <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. <ul style="list-style-type: none"> ● Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. ● Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

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

Note: MM = Mitigation Measure

LIST OF APPENDICES

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

Appendix B – Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Breeding Season Survey Reports

May 16, 2023
(2017-116.006/12D)

Mitzi Kim Rios
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: MKimRios@dpw.lacounty.gov

Subject: April 2023 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Kim Rios,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in April 2023 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

Weekly focused least Bell's vireo surveys began on March 3, 2023 and continued through April 2023 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

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.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during April 2023. 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
04/06/23	CM	0640	0945	48	60	10	0	0-1	1-2
04/11/23	CT	0650	1100	52	73	100	5	0-1	0-2
04/19/23	JC	0730	1030	48	60	85	0	1-3	1-3
04/25/23	CT	0615	1100	59	69.3	100	40	0-1	2-4

CM = Carla Marriner, CT = Christine Tischer, JC = Jill Coumoutso

Least Bell's vireos were not observed by Designated Biologists during focused survey work in the month of April however individuals were observed by Designated Biologists monitoring onsite habitat restoration work. The dates and details of observations of least Bell's vireo made during onsite restoration work are described below.

On April 19, 2023, a least Bell's vireo was incidentally documented by the Stillwater Sciences restoration monitor. The vireo was heard singing and jumping from tree to tree. The individual was observed throughout the day and at one point was heard roughly 200 feet from work. Work in the area was paused until a new work area was cleared. A CNDDDB submission for this observation is provided in Attachment B.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo were conducted in April 2023. While no observations of least Bell's vireo were made during focused breeding season surveys, one least Bell's vireo was detected on April 19, 2023 while restoration monitoring was taking place. During this observation, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15) and Designated Biologists will closely monitor the presence of vireos onsite for evidence of breeding.

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

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

SIGNED: 

DATE: May 16, 2023

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

Attachments:

Attachment A: Survey Datasheets

Attachment B: April Least Bell's Vireo CNDDDB Submission

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 04/06/2023 11:29 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	48°F	0-1 MPH	10 %
End of Day	09:45	60 °F	1-2 MPH	0 %

Date Observed

April 6, 2023

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

YEWA observed on SW portion of the site. Maintenance crews working on both sides of the reservoir within restoration areas.

Incidental Species Observed

BUSH CALT SCJA MODO NOMO HOFI NUWO ACWO DEJU CATH LEGO AMCR SPTO YRWA WCSP
BEWR COHA WREN MALL BLPH SOSP AMRO AMGO YEWA* ALHU COYE KILL Cottontail California
ground squirrel CAGO CAQU RTHA ANHU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 04/11/2023 11:18 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	52°F	0-1 MPH	100 %
End of Day	11:00	73 °F	0-2 MPH	5 %

Date Observed

April 11, 2023

Observer Name

Christine Tischer

Other Observers (if present):

Maddy and Dawn (Stillwater) monitoring on west side, Kristen (ICF) monitoring east side

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Fog at start ~100'-300' visibility. sun burning through at 0830.

Incidental Species Observed

HOWR, LEGO, BEWR, AMRO, OCWA, NUWO, YRWA, WCSP, BHGR, SPTO, RCKI, CAKI, ECDO, HOFI, MODO, BUSH, CALT, AMCR, CASJ, BGGN, COYE, OATI, ANHU, KILL, WTSW, parrots, coyote, NRWS, SOSP, YEWA, MALL, RNDU, EUST, BARS, CLSW, BLPH, CA ground squirrel, CANG, CATH, BUFF, RUDU, CAQU, WEBL, COHA, CEWA, NAWA, CORA, TUVU, alligator lizard, PSFL, eastern fox squirrel, ATFL, desert cottontail, side-blotched lizard, western fence lizard, NOMO, painted lady, ACWO, funereal duskywing, ROPI

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
Submitted Time: 04/19/2023 12:59 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:30	48°F	1-3 MPH	85 %
End of Day	10:30	60 °F	1-3 MPH	0 %

Date Observed

April 19, 2023

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

ACWO MODO BHGR ANHU SPTO BEWR CALT OATI YWAR LEGO HUVI SOSP DEJU WREN CATH WESJ COYE
HOFI YRWA CAQU ALHU BGGN COHA AMRO Desert Cottontail California ground squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 04/25/2023 4:25 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:15	59°F	0-1 MPH	100 %
End of Day	11:00	69.3 °F	2-4 MPH	40 %

Date Observed

April 25, 2023

Observer Name

Christine Tischer

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Incidental Species Observed

AMRO, MODO, CALT, CAKI, NUWO, CASJ, ACWO, SPTO, CAQU, BUSH, HOFI, BEWR, CATH, BGGN, ANHU, COHU, SWHA (circling above), BHGR, ATFL, MALL, cottontail, LEGO, NAWA, HOWR, WEBL, KILL, parrots, RTHA, WAVI, CORA, SOSP, OCWA, COHA, WTSW, coyote, aligator lizard, western fence lizard, fox squirrel, CA gr squirrel, WETA, BUOR, CEWA, PSFL, HOME, BUFF, CLSW, raccoon, EUST BASW, NRWS, GTGR, HOOR, OATI, YRWA, AMCR

ATTACHMENT B

April Least Bell's Vireo CNDDDB Submission

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

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 04/19/2023

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: *Vireo bellii pusillus*

Common Name: least Bell's vireo

Species Found? Yes No _____ If not found, why?

Total No. Individuals: 1 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? _____ No Unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Walsh

Address: 304 South Broadway, Suite 202
Los Angeles, CA, 90013

E-mail Address: mwalsh@stillwatersci.com

Phone: 847-732-1815

Plant Information

Phenology:
% vegetative _____ % flowering _____ % fruiting _____

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

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

See attached map. Individual was observed at 3 nearby locations throughout the day.

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1045

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

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: Iphone 14

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: 5 _____ meters/feet

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

Coordinates: 34.1935453 N, -118.1725817 W

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

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

Individual was initially detected by me at 0800 flying from tree to tree on northernmost polygon in attached map for roughly 25 minutes. At 0920, it was detected again slightly farther south by David Torfeh for 10 minutes. This was roughly 200 feet from a restoration crew; work was stopped and the crew was relocated about 750 feet SE. At 1100, individual was detected by me again in the southernmost polygon on attached map. Sang 2 phrases of territorial song. At 1300, individual was detected by my a final time at original location, sang roughly 10 song phrases and then was not detected again.

Please fill out separate form for other rare taxa seen at this site. individual likely migrant, not detected on either 4/20/2023 or 4/21/2023

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

Immediate AND surrounding land use: Open space, frisbee golf course, hiking trails, suburban development, flood control basin.

Visible disturbances: Restoration efforts (installation of plants) occurring 200 feet away. Work was immediately stopped.

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments: The location of the first and last detection (where it spent the most time) is 150 feet behind a frisbee golf basket. Had it decided to establish a territory there, there would have been a near-constant stream of frisbee golfers and wayward frisbees threatening this individual. It is possible that this played a part in the individual moving on.

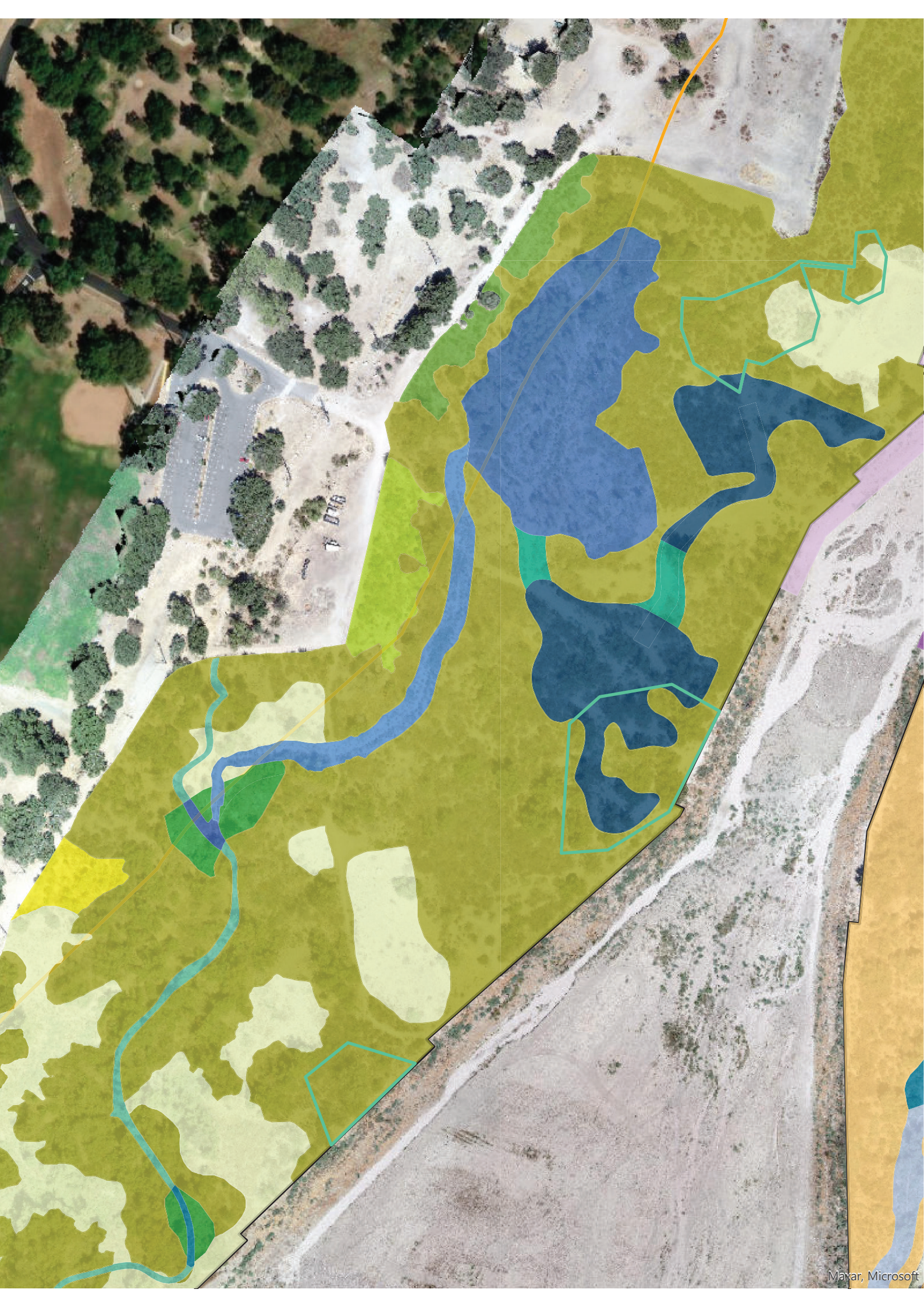
Determination: (check one or more, and fill in blanks)

- Keyed (cite reference): _____
- Compared with specimen housed at: _____
- Compared with photo / drawing in: _____
- By another person (name): _____
- Other: Aural detection by 2 seasoned LBVI biologists (Me/David Torfeh)

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes no



June 6, 2023
(2017-116.006/12D)

Mitzi Kim Rios
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: MKimRios@dpw.lacounty.gov

Subject: May 2023 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Kim Rios,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in May 2023 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

Weekly focused least Bell's vireo surveys began on March 3, 2023 and continued through May 2023 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

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.

least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Four focused breeding season surveys for least Bell's vireo were conducted during May 2023. 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
05/05/23	CT	0647	1134	52	61	100	98	0-1	0-1
05/09/23	CM	0655	1035	55	61	90	100	0-2	1-3
05/19/23	JC	0715	1015	56	65	0	0	1-3	1-3
05/26/23	TD	0600	1100	58	62	100	100	0-1	0-1

CM = Carla Marriner, CT = Christine Tischer, JC = Jill Coumoutso, TD = Taylor Dee

Least Bell's vireos were not observed by Designated Biologists during focused survey work in the month of May however an individual was observed by a Designated Biologist monitoring onsite habitat restoration work. The date and details of the observation of least Bell's vireo during onsite restoration work is described below.

On May 8, 2023, a male least Bell's vireo was incidentally documented by the Stillwater Sciences restoration monitor. The vireo was observed foraging and singing full song phrases within the onsite mitigation area. Work in the area was paused until a new work area was cleared. No additional observations of the individual were made after the initial morning observation. A CNDDDB submission for this observation is provided in Attachment B.

DISCUSSION

Four focused breeding season surveys for least Bell's vireo were conducted in May 2023. While no observations of least Bell's vireo were made during focused breeding season surveys, one least Bell's vireo was detected on May 8, 2023 while restoration monitoring was taking place. During this observation, one vireo was heard singing, but was not observed exhibiting any nesting behaviors. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15) and Designated Biologists will closely monitor the presence of vireos onsite for evidence of breeding.

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

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

SIGNED: 

DATE: June 6, 2023

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

Attachments:

Attachment A: Survey Datasheets

Attachment B: May Least Bell's Vireo CNDDDB Submission

ATTACHMENT A

Survey Datasheets

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Christine Tischer
Submitted Time: 05/05/2023 11:38 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:47	52°F	0-1 MPH	100 %
End of Day	11:34	61.3 °F	0-1 MPH	98 %

Date Observed
May 5, 2023

Observer Name
Christine Tischer

Other Observers (if present):

Were Least Bell's Vireo Observed
No

Note:

Number of Individuals
0

Locations
N/A

Additional Notes
Misting/light sprinkle between 10 and 11, sun emerging at 11:20.

Incidental Species Observed
OATI, CAQU, BHGR, COYE, ANHU, MODO SOSP, WREN, BGGN, ATFL, NRWS, SPTO, CALT, BUSH, CASJ, OCWA, EUST, HOFI, EUCD, ACWO, parrots, BLPH, BTGW, coyote, ALHU, western toad, YEWA, pin-tailed whydah female by disc golf course east of stables, YBCH* SW of Johnson field, HOWR, BEWR, RTHA, WEBL, WTSW, KILL, CLSW, WAVI, MALL, NUWO, CA ground squirrel, cottontail, NUWO, WIWA, CATH, COHU, COHA, PSFL, WETA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 05/09/2023 11:43 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	55°F	0-2 MPH	90 %
End of Day	10:35	61 °F	1-3 MPH	100 %

Date Observed

May 9, 2023

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Stillwater bio monitor saw one LBVI adult on 5/8 LBV singing male foraging in willow tree in SW portion of the site.

Incidental Species Observed

MOD0 CALT CASJ HOFI ALHU NUWO SOSP ATFL OATI RTHA CATH LEGO BEWR COYE YEWA
WREN KILL SPTO BGGN Cottontail Squirrel CAQU ACWO AMRO LAGO BCHU MALL EUST WTSW BUSH
COHA CAGO NOMO Amazonia sp. ANHU

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Jill Coumoutso
Submitted Time: 05/19/2023 8:24 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	56°F	1-3 MPH	0 %
End of Day	10:15	65 °F	1-3 MPH	0 %

Date Observed

May 18, 2023

Observer Name

Jill Coumoutso

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

Incidental Species Observed

OATI BEWR SOSP ANHU YEWA EUCD NOMO COYE ACWO CATH LEGO GHOW WEBL BHGR SPTO HOFI
AMRO PHAI CAQU CALT ATFL MODO WESJ EUST COHA Red crowned parrot California ground squirrel Desert
cottontail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor DeeS
ubmitted Time: 05/26/2023 11:10 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:00	58°F	0-1 MPH	100 %
End of Day	11:00	62 °F	0-1 MPH	100 %

Date Observed

May 26, 2023

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

Incidental Species Observed

OATI, AMRO, CALT, MODO, BEWR, BLPH, NUWO, BUSH, SPTO, CAQU, CASJ, desert cottontail, HOFI, NOMO, ACWO, BHGR, SOSP, WREN, COYE, CORA, BGGN, LEGO, NORW, OATI, CATH, ATFL, KILL, ANHU, BARS, WTSW, TUVU, WAVI, PSFL, ALHU, MALL, CLSW, WEKI, HOOR, parrot sp., COHA, WEBL, YEWA,

ATTACHMENT B

May Least Bell's Vireo CNDDDB Submission

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

For Office Use Only

Source Code: _____ Quad Code: _____
Elm Code: _____ Occ No.: _____
EO Index: _____ Map Index: _____

Date of Field Work (mm/dd/yyyy): 04/19/2023

Clear Form

California Native Species Field Survey Form

Print Form

Scientific Name: *Vireo bellii pusillis*

Common Name: least Bell's vireo

Species Found? Yes No _____ If not found, why?

Total No. Individuals: 1 Subsequent Visit? Yes No

Is this an existing NDDDB occurrence? _____ No Unk.
Yes, Occ. # _____

Collection? If yes: _____
Number _____ Museum / Herbarium _____

Reporter: Michael Walsh

Address: 304 South Broadway, Suite 202
Los Angeles, CA, 90013

E-mail Address: mwalsh@stillwatersci.com

Phone: 847-732-1815

Plant Information

Phenology:
% vegetative _____ % flowering _____ % fruiting _____

Animal Information

1
adults # juveniles # larvae # egg masses # unknown
 wintering breeding nesting rookery burrow site lek other

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

See attached map. Individual was observed at 3 nearby locations throughout the day.

County: Los Angeles Landowner / Mgr: Hahamongna Watershed Park, City of Pasadena

Quad Name: Pasadena Elevation: 1045

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

T _____ R _____ Sec _____, _____ 1/4 of _____ 1/4, Meridian: H M S GPS Make & Model: Iphone 14

DATUM: NAD27 NAD83 WGS84 Horizontal Accuracy: 5 _____ meters/feet

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

Coordinates: 34.1935453 N, -118.1725817 W

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

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

Individual was initially detected by me at 0800 flying from tree to tree on northernmost polygon in attached map for roughly 25 minutes. At 0920, it was detected again slightly farther south by David Torfeh for 10 minutes. This was roughly 200 feet from a restoration crew; work was stopped and the crew was relocated about 750 feet SE. At 1100, individual was detected by me again in the southernmost polygon on attached map. Sang 2 phrases of territorial song. At 1300, individual was detected by my a final time at original location, sang roughly 10 song phrases and then was not detected again.

Please fill out separate form for other rare taxa seen at this site. individual likely migrant, not detected on either 4/20/2023 or 4/21/2023

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

Immediate AND surrounding land use: Open space, frisbee golf course, hiking trails, suburban development, flood control basin.

Visible disturbances: Restoration efforts (installation of plants) occuring 200 feet away. Work was immediately stopped.

Threats: Off trail hikers, off leash dogs, noise/dust from restoration efforts, ingress/egress from frisbee golfers

Comments: The location of the first and last detection (where it spent the most time) is 150 feet behind a frisbee golf basket. Had it decided to establish a territory there, there would have been a near-constant stream of frisbee golfers and wayward frisbees threatening this individual. It is possible that this played a part in the individual moving on.

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

Keyed (cite reference): _____
 Compared with specimen housed at: _____
 Compared with photo / drawing in: _____
 By another person (name): _____
 Other: Aural detection by 2 seasoned LBVI biologists (Me/David Torfeh)

Photographs: (check one or more)

	Slide	Print	Digital
Plant / animal	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Habitat	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Diagnostic feature	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

May we obtain duplicates at our expense? yes no

July 26, 2023
(2017-116.006/12D)

Mitzi Kim Rios
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: MKimRios@dpw.lacounty.gov

Subject: June 2023 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Kim Rios,

This letter report has been prepared to summarize the results of the breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in June 2023 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' (LACPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states that if Covered Activities are proposed during the least Bell's vireo breeding season (defined as March 1 to September 15):

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

Weekly focused least Bell's vireo surveys began on March 3, 2023 and continued through June 2023 and are summarized below.

SURVEY METHODS

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

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

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

RESULTS

Four focused breeding season surveys for least Bell’s vireo were conducted during June 2023. 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.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
06/01/23	CM	0610	1015	61	71	80	80	1-3	1-3
06/05/23	LS	0635	1100	58	60	100	100	0-3	0-3
06/16/23	LS	0655	1100	64	68	100	100	0-1	0-1
06/28/23	CM	0610	1015	61	71	80	50	1-3	1-3

CM = Carla Marriner, LS = Lauren Simpson

Least Bell’s vireos were not observed by Designated Biologists during focused survey work in the month of June.

DISCUSSION

Four focused breeding season surveys for least Bell’s vireo were conducted in June 2023. No observations of least Bell’s vireo were made during focused breeding season surveys. 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: 

DATE: July 26, 2023

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

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: OtherS
ubmitted Time: 06/01/2023 12:30 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	54°F	0-2 MPH	100 %
End of Day	10:15	62 °F	2-4 MPH	100 %

Date Observed

June 1, 2023

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/A

Additional Notes

Overcast/drizzling around 9am.

Incidental Species Observed

CAQU MODO CALT COYE SPTO HOOR HOFI YEWA ANHU OATI SOSP AMCR BLPH BHGR BUSH LEGO
NUWO AMRO RSHA WREN CATH BEWR CASJ BGGN RTHA COHA ACWO LAGO DEJU KILL Western toad
California ground squirrel Cottontail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren Simpson
Submitted Time: 06/05/2023 11:54 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	58°F	0-3 MPH	100 %
End of Day	11:00	60 °F	0-3 MPH	100 %

Date Observed

June 5, 2023

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

misty morning, added KILL and CORA nests to map

Incidental Species Observed

CAKI, AMRO, MODO, ACWO, NUWO, BEWR, CAQU, CASJ, HOFI, SPTO, SOSP, CALT, cottontail, BUSH, ANHU, NOMO, CORA, COYE, LEGO, COHA, BHGR, WREN, MALL, Gull sp., NRWS, CLSW, BARS, KILL, CATH, ATFL, EUCD, BLPH, YEWA, WEBL, WTSW, OATI, HOOR, CA ground squirrel, PSFL, WAVI, CAGO, RSHA, EUST, ALHU, RTHA, Parrot sp., OCWA

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Lauren SimpsonS
ubmitted Time: 06/16/2023 1:17 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:55	64°F	0-1 MPH	100 %
End of Day	11:00	68 °F	0-1 MPH	100 %

Date Observed

June 16, 2023

Observer Name

Lauren Simpson

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

Additional Notes

toad explosion occurring - thousands of toads throughout the site tom sawyer camp has started

Incidental Species Observed

nomo, spto, modo, lego, casj, amro, acwo, blph, cottontail, bewr, western toad, calt, hofi, sosp, yewa, caqu, coha, amcr, eust, nuwo, parrot sp, bars, clsw, coye, wtsw, mall, cago, muscovy duck, cora, kill, nrws, bush,howr, bhgr, atfl, ca ground squirrel, cath, rtha, bchu, bggn

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 06/28/2023 12:02 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:10	61°F	1-3 MPH	80 %
End of Day	10:15	71 °F	1-3 MPH	50 %

Date Observed

June 28, 2023

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

N/A

Additional Notes

Incidental Species Observed

NUWO CALT LEGO MODO CASJ NOMO AMRO CAQU BEWR AMCR SPTO OATI BLPH BGGN DEJU
HOFI MALL WREN YEWA WEKI Western fence lizard Ca ground squirrel

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	100 %
End of Day	15:00	58 °F	17 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 12 weeding and installing plants in DG-4A 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, CAKI, BEWR, LEGO, DEJU, MODO, ACWO, BUSH, COHA, CANG, BUFF, SOSP, CALT, OATI, RCPA, TUVU, CATH, KILL, WCSP, HOFI, WBNU, YRWA, WEBL, PUFU, CAQU, CASJ, BLPH, RTHA, California kingsnake, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting.

0645: Performed a nesting bird survey in southernmost clearing of DG-4A and adjacent areas of DG-4.

0705: Cleared crew to work. Most of the crew worked on microline installation; weeding crew of two weeded the edge of the perimeter trail. Monitored both activities. Primary focus was *Carduus pycnocephalus*.

1000: Crew moved to the large clearing next to the perimeter trail ("primrose" area) after delivery of plant materials. Performed a brief nesting bird survey, found a CASJ nest. Logged in collector, implemented a 60 ft buffer. Did not seem agitated by the crews presence. Monitored installation of container plants and QC'ed placement.

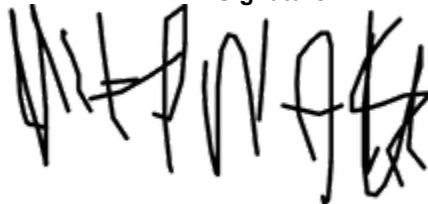
1300: Found a California kingsnake juvenile in the grass. Relocated it to nearby due to trampling risk- grass was too high to easily see it.

1445: Crew began wrapping up, inspected site.

Additional Comments

Planting yield: 32 elderberry, six cottonwood, 32 blackberry, six California rose

Signature





photo_1-20230403-pre_weeding_facingS.jpg
-118.1775516388889 34.18904431666666



photo_2-20230403-post_weeding_facingN.jpg
-118.17754819444446 34.18902669444444



photo_3-20230403-planting_progress_facingS.jpg
-118.1770018888889 34.19071619444444



photo_4-20230403-kingsnake_relocation_facingN.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 3, 2023

	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	13-15 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of nine plus Erik.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Red-crowned Parrot, House Finch, Nuttall's Woodpecker, European Starling, Canada Goose, American Crow, Acorn Woodpecker, Ring-necked Duck, Ruby-crowned Kinglet, California Towhee, California Scrub Jay, Bewick's Wren, White-crowned Sparrow, Common Raven, Spotted Towhee, Bufflehead, Killdeer, Wrentit, Song Sparrow, Common Yellowthroat, California Thrasher, Anna's Hummingbird, Mourning Dove, Black Phoebe, Cassin's Kingbird, Oak Titmouse, Cooper's Hawk, Western Bluebird, Yellow-rumped Warbler, Black-throated Gray Warbler, Lesser Goldfinch, Bushtit, Northern Rough-winged Swallow, Cedar Waxwing
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Toad, Western Fence Lizard, Southern Pacific Rattlesnake

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0815: Started lightly sprinkling.
0845: Crew broke for break.
1015: Cooper's Hawk heard near nest and seen flying over site shortly thereafter.
1145: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_working_along_DG3A_facingNW.jpg
-118.1731105 34.18668020555554



Southern_Pacific_Rattlesnake_DG3A.jpg
-118.1729765888889 34.18743270555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 4, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	5 %
End of Day	14:45	62 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of two weeding in 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:

ACWO, WREN, CANG, CASJ, SPTO, ANHU, BGGN, RCPA, AMRO, coyote, CATH, SOSP, LEGO, MODO, NOMO, CALT, YRWA, BHCO, OATI, BLPH, desert cottontail, BEWR,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived and prepped with crew.

0640: Pre-construction bird survey.

0710: Monitored weeding crew.

1230: Monitored the whole team, including planting and weeding in the same area.

1430: Crew wrapped up for the day, completed daily log. Natures Image crew planted approximately: 76 blackberry, 76 elderberry, 50 cottonwood, 50 rose.

Additional Comments

N/A

Signature





photo_1-20230404-DG-4A_before_weeding_facingW.jpg
-118.17690780555556 34.190385638888884



photo_2-20230404-DG-4A_after_planting_facingE.jpg
-118.17724322222223 34.18991175833333



photo_3-20230404-DG-4A_after_weeding_facingW.jpg
-118.17684311111111 34.19036456666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 4, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	11:15	57 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five staking near reservoir in DG-4A; crew of seven installing container plants near trail in 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:

DEJU, ACWO, AMRO, SOSP, BEWR, SPTO, ANHU, CALT, MALL, OATI, CANG, BUFF, LEGO, WREN, BGGN, PUF1, RNDU, RUDU, HOF1, NRWS, EUST, BHCO, PSFL, CORA, NUWO, CATH, CASJ, CAQU, YRWA, desert cottontail, coyote, western fence lizard, Baja California tree frog

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting.

0640: Performed a nesting bird survey in the work area.

0700: Cleared crew to work. Monitored installation of container plants in the large section of DG-4A near the perimeter trail. Maddy and I were monitoring on opposite ends of the field; the crew was very spread out.

0800: Monitored installation of stakes in DG-4A near the reservoir.

1000: Crew finished installing stakes. Moved back up to perimeter trail field. Monitored installation of container plants.

1100: Crew began wrapping up.

Additional Comments

Crew installed 100 mulefat

Signature





photo_1-20230404-staking_progress_facingN.jpg
-118.1761602222222 34.18910601388889



photo_2-20230404-planting_progress_facingSW.jpg
-118.17687377777779 34.19042969444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 4, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	7-9 MPH	5 %
End of Day	14:30	61 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal and repairing/checking functionality of irrigation in Johnson Field.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of ten plus Erik.

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: Common Raven, Ruby-crowned Kinglet, Song Sparrow, Bewick's Wren, White-crowned Sparrow, Nuttall's Woodpecker, Mallard, Canada Goose, California Scrub Jay, Killdeer, California Towhee, Cooper's Hawk, Oak Titmouse, Anna's Hummingbird, Acorn Woodpecker, Red-crowned Parrot, California Thrasher, European Starling, Red-shouldered Hawk, Yellow-rumped Warbler, California Quail, Red-tailed Hawk, Bushtit, Mourning Dove,
Mammals: Audubon's Cottontail
Herps: Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Observed a COHA near the previously documented nest.

0845: Crew broke for break.

1145: Crew broke for lunch.

Additional Comments

Crew finished weeding along the upper slopes of DG-3A and moved into the bottom of DG-2. Part of the crew spent the day checking the functionality and repairing irrigation tubing in Johnson Field where needed to ensure irrigation is functional going into the drier months.

Signature





DG3A_weeded_Crew_weeding_DG2_facingNW.jpg
-118.17288048333334 34.18746068888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	0 %
End of Day	14:30	65 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of ten planting in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RCPA, ACWO, SOSP, WCSP, HOFI, CATH, MODO, CASJ, SPTO, AMRO, CANG, OSPR, ANHU, LEGO, WREN, BGGN, NOMO, COHA, MALL, CAQU, CORA, BUSH, CAKI, NUWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped for the day with crew.

0655: Pre-construction bird survey.

0715: Monitored planting crew.

1430: Crew wrapped up, completed daily log. Natures Image crew planted approximately: 262 total: 54 elderberry, 64 cottonwood, 80 blackberry, 64 rose.

Additional Comments

N/A

Signature





photo_1-20230405-DG-4A_before_planting_facingSW.jpg
-118.1766229722223 34.18898425



photo_2-20230405-DG-4A_after_planting_facingSW.jpg
-118.1765986 34.18896176666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	41 °F	0-3 MPH	0 %
End of Day	14:22	74 °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 eight plus the crew lead, Erik.

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: KILL, RCKI, SOSP, WCSP, BUSH, CASJ, CANG, ANHU, CALT, RCPA, LESC, BUFF, YRWA, CATH, SPTO, ACWO, COYE, BEWR, AMCR, CORA, LEGO, MODO, WISN, OATI, OCWA, COHA, CLSW, WTSW, HOFI, RSHA, BGGN, CAQU, NUWO, BTYW, WREN, HOOR, PEFA

Reptiles: western fence lizard

Mammals: fox squirrel, desert cottontail, California ground squirrel, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site.

0700: Discussed work plan for the day with Erik.

0710: Crew members work on weeding with hand tools by the south end of DG-2 and DG-3A. Three crew members will be working on repairing and inspecting the irrigation lines within the Johnson field throughout the day.

0900: Crew takes a break.

0915: Crew resumes work at DG-3A and DG-2.

1145: Crew breaks for lunch.

1235: Crew returns to work in same areas.

1415: Crew ends their workday.

Additional Comments

ANHU Nest: Bird adding material to nest and sitting on nest throughout day.

CASJ Nest: One bird sits on nest quietly while the other bird patrols nearby and vocalizes.

COHA Nest: One adult perched nearby while other adult sits on nest. One adult observed feeding on small rodent below the nest.

PEFA observed flying over Johnson Field (species of special concern but not federally or state-listed).

Signature

- 2 2 2 2 2



Vegetation_weeding_facingNW.jpg
-118.17274998055557 34.187698661111106



Nest_observed_in_Coast_live_oak.jpg
-118.17153131944445 34.19025533333333



OATI_cavity_nest_facingSW.jpg
-118.17136236944445 34.190543

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	44 °F	0-3 MPH	0 %
End of Day	14:30	74 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native plants using hand tools. Two Nature's Image crew members to prepare area for restoration planting.

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, CANG, SOSP singing, OATI singing, CATH singing a lot, ANHU, SPTO singing, BEWR singing, CASJ, LEGO calling, YRWA, PUF1 singing a little, ACWO, MODO, AMCR, RCPA, HUVI making 2-note 'song', COYE, BUSH, NUWO, California ground squirrel, CALT, WEBL, CAKI, WCSP, OSPR circling over, BUOR, COHA called once, TRES, BGGN, White-lined Sphinx moth, HOFI, PSFL, Painted Lady butterfly, OCWA, NRWS, Monarch butterfly, RCKI, Cabbage White butterfly, Western Tiger Swallowtail butterfly, CORA, DEJU, BLPH, western fence lizard, large blue dragonfly, Cloudless Sulphur butterfly.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparations.

0655-0710: Checked DG-4A SE Primrose near the 3/31/23 planting and weeding areas with Maddy but was advised at 0720 to go to DG-4A central Primrose for weeding. Checked central Primrose for nests and sensitive species; nothing new found.

0945-0955: Saw SOSP with nesting material 100 feet east of weeding site, but could not see where it was depositing it.

1340: Weeding completed at central Primrose.

1415: Was told I was not needed for planting monitoring by Genaro. Log completed 1430.

Additional Comments

N/A

Signature





photo_1-20230405-DG4A-Central_Primrose-lookingSE-before.jpg
-118.17711169444445 34.190327399999994



photo_2-20230405-DG4A-Central_Primrose-lookingSE-after.jpg
-118.17707850000001 34.190335899999994



photo_3-20230405-DG4A-Central_Primrose-lookingSW-from-N-of-Photo1-during.jpg
-118.1769103055557 34.1903973055555



photo_4-20230405-DG4A-Central_Primrose-lookingNE-from-N-of-Photo1-after.jpg
-118.1771159 34.19029649999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	14:45	76 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of ten installing container plants in DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, MODO, PUFU, CATH, LEGO, SPTO, SOSF, BEWR, AMRO, ALHU, BGGN, RCPA, NUWO, BUSH, COYE, BHCO, MALL, CANG, DCCO, PSFL, AMCR, EUST, CASJ, ROPI, ECDO, SSHA, HOFI, DEJU, YRWA, WREN, WCSP, YEWA, GBHE, KILL, OATI, RNDU, BEKI, BUFF, RUDU, ANHU, NRWS, DOWO, OCWA, CORA, CEDW, COHA, CAKI, ATFL, CAQU, desert cottontail, western fence lizard, common side-blotched lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting.

0645: Surveyed DG-4A for nests/ etc. found a song sparrow nest with David.

0700: Clear crew to work. Monitored container plant installation in DG-4A (primrose middle field).

0800: Found BUSH_05 nest. Crew finishes up and moves to southernmost clearing to install more container plants.

1000: Found BLPH_01 nest.

1030: Found ANHU_05 nest.

1215: Crew moved to dirt pile (DG-4A) to continue planting.

1230: Found BUSH_06 nest.

1250: Found CATH_03 nest. The owner of the nest does a particularly good mallard impression.

1300: Found a broken stake in DG-4A. Location implies it was done by a member of the public ignoring the signs.

Numerous 2-wheel wide tire tracks in area, not sure what made them, about 2 feet between the wheel tracks.

1400: Found a vandalized restoration area sign on the south side while taking photo. Wasn't like that at 1215.

1415: Crew begins wrapping up, inspected site.

Additional Comments

All nests logged in fieldmaps and flagged off, crew advised to avoid.

Signature





photo_1-20230406-planting_progress_facingSE.jpg
-118.17748915 34.1890262222222



photo_2-20230406-planting_progress_facingE.jpg
-118.17668466666667 34.18960903333333



photo_3-20230406-snapped_stake_facingN.jpg
-118.17337989722223 34.1925047777778



photo_4-20230406-vandalized_sign_facingE.jpg
-118.17758704444445 34.18908216666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:34	45 °F	0-3 MPH	0 %
End of Day	14:16	75 °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 8 plus the crew lead, Erik.

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: BUSH, CANG, CORA, AMCR, CALT, MALL, BLPH, HOFI, MODO, SOSP, CASJ, ANHU, KILL, BGGN, COYE, YRWA, WTSW, RCKI, RCPA, WCSP, BUFF, BEWR, OATI, NUWO, WREN, CATH, LEGO, DCCO, LESC, OCWA, BTYW, SPTO, CAQU, ACWO, HETH, EUST, NRWS, CLSW, RTHA, COHA, HOOR, NAWA

Reptiles: western fence lizard

Mammals: Desert cottontail, coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan for the day with Erik after he arrives on site.

0710: Crew members work on weeding with hand tools by the south end of DG-2 and DG-3A, in largely the same area as yesterday. Three crew members work on repairing and inspecting the irrigation lines within the Johnson Field throughout the day. They plan to work the edge along the main trail (outside of the nest buffers) as they work southward towards the rest of the crew.

0900: Crew takes a break.

0915: Crew resumes work at DG-3A and DG-2.

0930: Some members of crew work on disconnecting irrigation lines near the eroded slope along the west side of DG-2. Some lines have begun falling into the floodplain due to the river eroding the western slope, so irrigation lines are being reconnected to the surrounding lines away from the slope.

1145: Crew breaks for lunch.

1150: California thrasher nest found in DG-2B among Elderberry and stinging nettle thicket. 30 foot buffer marked with red flagging and logged in field maps.

1235: Crew returns to work in same area.

1330: New song sparrow nest discovered along DG-2 WOUS path in stinging nettle patch near Cooper's hawk nest. Marked and flagged on map.

1415: Crew ends their workday.

Additional Comments

N/A

Signature

an



Vegetation_weeding_DG-3A+DG2_facingW.jpg
-118.17244898055556 34.188526555555555



Repairs_to_irrigation_DG-2_facingSW.jpg
-118.17233244444445 34.19058947222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	14:30	76 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native vegetation at restoration site with hand tools by three Nature's Image employees. Advised by Michael Walsh to weed non-natives other than grasses because grasses are too difficult to remove.

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, PUF1, RCPA, SOSP with nesting material, CATH, SPTO, BEWR, NUWO, LEGO, COYE, YRWA, WCSP, BUSH, CAQU, MODO, RCKI, OATI, WEBL, CALT, ACWO, California ground squirrel, White-lined Sphinx moth, Painted Lady butterfly, ECDO, HETH, CORA, PSFL, ANHU, Western Tiger Swallowtail butterfly, CANG, RNDU, MALL, CASJ, HOFI, swallow sp., CAKI, DEJU, WTSW, western fence lizard, BGGN, Cabbage White butterfly, BLPH, EUST, Common Buckeye butterfly, OCWA, COHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0645: Preparations.

0645-0715: Checked DG-4A central Primrose weeding site for nests and sensitive species; SOSP with nesting material in beak seen. Mike and I followed the song sparrow to nest on ground under 8-inch-tall poison hemlock and other short non-native growth, then flagged a 45-foot radius buffer from 0715-0725.

0725: Weeding of everything non-native but grasses proceed outside buffer zone near trail, continuing from yesterday.

1420: Weeding concluded.

1430: Log done.

Additional Comments

N/A

Signature





photo_1-20230406-DG4A-central_Primrose-lookingSE-45min_after_start.jpg
-118.1771256000001 34.19023



photo_2-20230406-DG4A-central_Primrose-lookingSE-after.jpg
-118.1771399 34.190326694444444



photo_3-20230406-DG4A-central_Primrose-lookingNE-1_hour_before_end.jpg
-118.1771581 34.19028059999994



photo_4-20230406-DG4A-central_Primrose-lookingSW-near_end.jpg
-118.17698440000001 34.190404099999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	25 %
End of Day	11:15	64 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OCWA, ACWO, CALT, MODO, AMRO, WCSP, CASJ, BEWR, SPTO, CATH, LEGO, SOSP, CAQU, YRWA, RCPA, ANHU, BGGN, NRWS, BTYW, PUF1, WIWA, NOFL, NUWO, YEWA, BUSH, KILL, LISP, COYE, RSHA, CAVI, WEBL, OATI, southern pacific rattlesnake, desert cottontail, western fence lizard, California ground squirrel, WTSW.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting.

0640: Performed a nesting bird survey, found and flagged off BUSH_07.

0705: Cleared crew to work- installed container plants in DG-4 WOUS and dirt pile- crew was only backfilling areas that are already planted with Elderberry, which was not in the last few deliveries. Crew of four weeding dirt pile.

0830: Crew finishing up in current work area. Survey ahead of crew in DG-4 WOUS.

0920: Find BUSH_08 nest.

0930: Find CATH_04 nest. Flagged off both.

1100: Found BEWR_01. Flagged off. Crew starts wrapping up to work on cleanup and microline checks- they have run out of plants to plant.

Additional Comments

N/A

Signature





photo_1-20230407-pre_weeding_facingW.jpg
-118.17255409722223 34.193267999999996



photo_2-20230407-post_weeding_facingW.jpg
-118.1725900388889 34.19326570833333



photo_3-20230407-planted_areas_facingE.jpg
-118.17299280555557 34.19296280555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: April 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	40 %
End of Day	13:00	70 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, BEWR, NAPA, COYE, WCSP, YRWA, HOFI, CORA, ANHU, HETH, CLSW, MALL, CATH, ACWP, SPTO, AMRO, NOMO, CASJ, LEGO, OATI, COHA, NUWO

Reptiles: side blotch lizard

Amphibian: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Erik and crew for safety tailboard.

0645: Began sweep of work area in DG-2 surveying for nesting birds and other sensitive species.

0700: Crew begins clearing invasive weeds in work area DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew cleans up work area and biologist conducts final sweep.

1300: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature

Handwritten signature or initials.



Restoration_work_area_DG-2_before_weed_abatement_facing_east.jpg
-118.17253386111112 34.18924745277778



Clearing_invasive_weeds_facing_east.jpg
-118.17257240833334 34.18918482222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:40	76 °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 seven plus Erik 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, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS CLSW, NAWA

Reptiles: Western fence lizard, side-blotch lizard

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-2A with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work weeding in DG-2A.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2A.

1425: Crew stops work for the day.

Additional Comments

N/A

Signature

Handwritten signature or scribble.



Invasive_species_removal_DG-2A_facingSW.jpg



Invasive_species_removal_DG-2A_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: April 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	0 %
End of Day	14:45	77 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight planting in DG-4A and making protective cages.

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, MALL, AMRO, BGGN, BEWR, BUSH, CALT, ATFL, BTYW, CASJ, LEGO, YRWA, WCSP, RCKI, LISP, PUF1, MODO, OCWA, SBMU, WTSW, WREN, BHGR, GBHE, CAQU, HOFI, SOSP, RSHA, ACWO, CAKI, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting. The planting crew was going to make cages while waiting for delivery of new plants.

0650: Surveyed mining pit with Jessica Medrano. Found a BGGN with nesting materials, followed for 30 minutes but did not locate nest. Estimated location and implemented a 100 foot buffer. Cleared crew to work.

0720: Surveyed planting area. Found a LISP potentially defending a territory, marked on collector. No evidence of nest.

0900: Crew began planting in DG-4A (dirt pile). They were backfilling areas with Rosa californica.

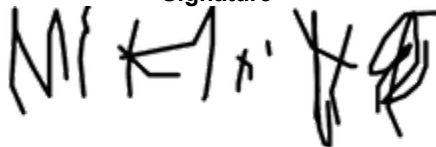
1200: Found BUSH_09 and SOSP_03 nests. Added to collector. Closed down BUSH_01 nest- it failed and the pair moved across the adjacent clearing to make the newly discovered nest.

1430: Crew began wrapping up, inspected site.

Additional Comments

Planted 88 Rosa californica, last pickup had been finished at end of day last Friday.

Signature





photo_1-20230410-planting_facingW.jpg
-118.1726422888889 34.1932695



photo_2-20230410-planting_area_facingNE.jpg
-118.17261814444444 34.19326870555555



photo_3-20230410-making_cages_facingSW.jpg
-118.17517975 34.19251988888889



photo_4-20230410-new_plant_delivery_facingW.jpg
-118.17529552777778 34.19235133333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: April 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	0 %
End of Day	14:10	77 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation cleaning
2. Tarps, hula hoe weeder, gloves
3. Three Natures image staff weeding

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BGGN, AMRO, BUSH, SPTO, CALT, CASJ, CAQU, DOWO, LEGO, MODO, BEWR, BHGR, RCPA, YRWA, HOFI, ANHU, AMCR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, went over day plan, bird/nest check in D-G-W-2(mining pit). Mike and I found a BGGN gathering nesting materials and created a buffer zone, rest of the area was clear. Team weeds outside the buffer area in the mining pit on the southwest side, continued to monitor area.

0900: Monitor area for nest and birds before Natures Image staff returns from the 15 min break, continue to monitor weeding site. No nest found. One additional staff joins the wedding team.

1200: Continued to monitor site and staff. No nest, nest building observed.

1400: Staff starts to wrap up for the day and clean up site, take after photos of weeding site and fill out Survey123. End of shift.

Additional Comments

N/A

Signature





photo_1-20230410-vegetation_removal_before_facingSW.jpg
-118.17428274166667 34.19313982222222



photo_2-20230410-vegetation_removal_after_facingSW.jpg
-118.17425826666667 34.19307616666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 11, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:40	74 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Erik 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, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO

Reptiles: Western fence lizard, side-blotch lizard, gopher snake

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-2A and DG-2B with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work weeding in DG-2A.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2B.

1430: Crew stops work for the day.

Additional Comments

N/A

Signature

Handwritten signature or initials, possibly reading "KAS" or similar, in black ink.



Invasive_species_removal_DG-2B_facingN.jpg



Invasive_species_removal_DG-2A_facingN.jpg



Invasive_species_removal_DG-2B_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 11, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:20	74 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight planting in 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:

ACWO, AMCR, BHGR, CAQU, AMRO, CALT, RCPA, CASJ, YRWA, BGGN, alligator lizard, MODO, NUWO, ANHU, LEGO, BUSH, western fence lizard, CATH, side-blotch lizard, SOSP, HOFI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0640: Pre-construction bird survey.

0705: Monitored planting crew.

1415: Crew wrapped up, completed daily log Crew planted: 188 rose, 16 cottonwood, 16 blackberry

Additional Comments

N/A

Signature





photo_1-20230411-DG-4A_before_planting_facingS.jpg
-118.1725096555556 34.1932093888889



photo_2-20230411-DG-4A_before_planting_facingE.jpg
-118.1724475555556 34.1933310944444



photo_3-20230411-DG-4A_after_planting_facingS.jpg
-118.17263220833334 34.19334328888888



photo_4-20230411-DG-4A_after_planting_facingE.jpg
-118.17245823611111 34.193318194444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: April 11, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:30	71 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eleven all weeding (3) planting in the same area DG-4A dirt pile at the northeast restoration 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:

BHGR, AMRO, SPTO, BGGN, CALT, CAQU, ANHU, CATH, LEGO, HOFI, MODO, RCPA, BEWR, ACWO, NUWO, NRWS, BUSH, SOSP, BUSH, COHA, BEKI, WCSP, San Diego alligator lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met crew discussed work area at dirt pile.

0645-0715: Swept area for bird nesting activity and checked old nests. No activity near thrasher nest and allow the crew to quietly work within the buffer to finish planting. After break, crew moves into DG-4 WOUS. I monitor bushtit nest and we remain out of buffer. Same area after lunch.

1420: Crew wrapping up for day, start to exit site.

Additional Comments

Black-headed grosbeak have arrived. Stakes in this area look great, many well leafed-out, budding. Sun breaks through at first break. Lizard activity begins. Jose points out a 12" alligator lizard, beauty!

Signature





photo_1D_pre-weeding_looking_S_DirtPile.jpg
-118.17246390000001 34.1933431



photo_2weeding_effort_pre-break_0830.jpg
-118.17247498055556 34.19332122222222



photo_3_toad_tracks_in_reservoir_wash.jpg
-118.17267523055556 34.19217122222222



photo_4_planted_caged_areaDG4_WOUS_N.jpg
-118.17313144444445 34.19266113888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	55 °F	0-3 MPH	100 %
End of Day	14:20	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration maintenance using hand tools, weeding of non-native plants, mostly poison hemlock, by four Nature's Image crew members, with Genaro and Miguel in charge.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, ACWO, CASJ, OATI, SPTO, COYE, YEWA singing, HOFI, AMRO, KILL, ANHU, SOSP, swallow species, White-lined Sphinx moth, CALT, BUSH, OCWA, CAQU, WCSP, MODO, CORA, WEGU, CANG, big-eared woodrat nests, NUWO, BEWR, YRWA, BGGN, CAKI, California ground squirrel, LEGO, small toad, OSPR, PSFL, BGGN, MALL with 9 young, BUFF, RUDU, RNDU, RTHA, NRSW, WEBL, CEWA, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0730: Training of new Nature's Image crew member Tatiana with Eduardo translating.

0735-1325: Biomonitoring of central Primrose DG-4A weeding site during crew work (Dawn cleared area for crew during Tatiana's training).

1325-1350: Checked tomorrow's planting area with Dawn.

1405: Genaro said crews are cleaning up.

1420: Log done.

Additional Comments

N/A

Signature





photo_1-20230412-DG4A-central_Primrose-looking_East_SE_near_start.jpg
-118.17692333333333 34.19038333333333



photo_2-20230412-DG4A-central_Primrose-looking_East_SE_after.jpg
-118.17695 34.19041833333333



photo_3-20230412-DG4A-central_Primrose-looking_NW_after.jpg
-118.17681333333334 34.19034333333333



photo_4-20230412-DG4A-central_Primrose-S_end-lookgESEafter.jpg
-118.17706000000001 34.190266666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	52 °F	0-3 MPH	100 %
End of Day	14:22	62 °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 six plus the crew lead, Erik.

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: YRWA, BHGR, CALT, SPTO, ACWO, BEWR, LEGO, SOSp, OATI, CASJ, WCSP, CAKI, ALHU, BGGN, COYE, HOFI, CAQU, WEBL, COHA, RCKI, WREN, NAWA, BUSH, CORA, ANHU, OCWA, MALL, HOOR, KILL, RCPA, MODO, CANG, WTSW, WIWA, CHSP, LESC, RSHA, RTHA

Reptiles: Western fence lizard

Mammals: Desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0730: Two crew members focus on hand pulling weeds by the song sparrow and oak titmouse nest buffers by DG-2 WOUS. Erik is stuck in traffic and is still not on-site. Other crew focuses on hand-pulling weeds on west side of DG-2.

0845: Crew takes a break.

0930: Crew resumes work at DG-2 by hand-pulling weeds. Erik arrives on site after dealing with some issues and traffic.

0945: A leak was spotted in one of the irrigation lines by the outer buffer of the Cooper's hawk Nest. A crew of three came to repair it and then proceeded back to weeding along DG-2 and DG-2 WOUS.

1120: A crew uses hand tools along the side of the main walking trail outside of the California scrub-jay nest buffer to remove weeds. California scrub-jay remains on nest.

1135: Crew breaks for lunch.

1235: Crew returns to work in same area. One crew works along the main eastern trail weeding the edges while the other crew works the western edge by DG-2B and along the waterline clearing debris and weeds.

1415: Crew ends their workday.

Additional Comments

Other notes: Anna's hummingbird Nest: Bird adding material to nest and sitting on nest throughout day.

California scrub-jay Nest: One bird sits on nest quietly while the other bird patrols nearby and vocalizes.

Cooper's hawk Nest: One bird making trips to and from nest while other perches nearby.

Oak titmouse Nest: Material being brought into nest cavity by one titmouse while other stands guard and vocalizes.

California thrasher Nests: No birds incubating either nest but one bird observed vocalizing loudly by new nest discovered by Kristen.

Signature

[Handwritten signature]



ANHU_incubating_nest_facingE.jpg
-118.17151736944444 34.19022536944444



Vegetation_weeding_by_SOSP_nest_facingW.jpg
-118.17155691666667 34.19025275



Weeding_by_CASJ_nest_facingNE.jpg
-118.17210333888889 34.189742555555554



SOSP_nest_stinging_nettle_facingW.jpg
-118.17151031944445 34.19036196111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: April 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:00	56 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eleven planting container plants, caging, microline irrigation (2), and weeding (3).

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEKI calls from reservoir, NUWO, SPTO, YRWA, CAKI, MODO, AMRO, CSJA, CALT, SOSP, RCPA, BEWR, BUSH, OATI, COYE, HOFI, LEGO, BGGN, ANHU, YEWA(2), NRWS, BHGR, CAQU, PUFU, ANHU, RNDU, BUFF, RUDU, CANG

Did You Observe any Non-Compliance Issues? Yes No

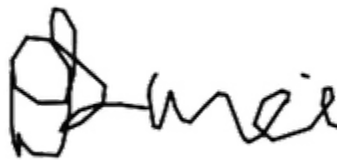
Log Entry

0630: Walked down to primrose area to check the site for nests. Updated SOSP_02, MODO_01, CSJA_03, BUSH_02. Coyotes howl nearby to siren. Yellow warbler males counter singing from mature willow stand. Crew infills between stakes with mugwort and baccharis (160 plants) in primrose North. One California scrub-jay is active in the area, maybe the mate to incubating bird? Moved to monitor middle primrose in the afternoon where 90 mugwort and coyote brush were planted. Checked on Anna's hummingbird nest, still active.

Additional Comments

thick marine layer all day

Signature





photo_1_pre-planting_middle_primrose.jpg
-118.17662341666667 34.18959858333333



photo_2pre-planting_overgrown_primrose_areaN.jpg
-118.17686702777779 34.190420499999995



photo_3_planted_wild_rose_growth.jpg
-118.1769565555556 34.18990030555554



photo_4new_plantings_caged.jpg
-118.17677175 34.18969575

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	13:25	55 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration planting and weeding of non-native plants with hand tools by at least ten Nature's Image crew members supervised by foremen Genero and Miguel.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BHGR, AMRO, BEWR, LEGO, NUWO, YEWA, YRWA, ACWO, SPTO, SOSR, MODO, ANHU, BGGN, CASJ, ATFL, CANG, CAQU, CALT, OATI, WCSP, CAKI, AMGO, HOFI, AMCR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

Short break in drizzle and light rain.

0630-0645: Preparation.

0645-0710: Checked DG-4A southern Primrose site for nests and sensitive species. Large high willow branch breaking off at central Primrose; potential falling hazard. YEWA heard singing but no new nests found. Called Genero to start planting and weeding.

0715: Work begins.

0730-0910: Rain stops work.

0910: End of day. Plant cage making under canopies next to storage container by crews during drizzle and rain.

1205-1225: Restoration plants in pots removed from planting site due to increased rain.

1300: Rain and rain forecast for rest of day cancel no need for biomonitoring.

1325: Log done.

Additional Comments

Light rain most of day.

Signature





photo_1-20230413-DG4A-south_Primrose-lookingSE-at_start.jpg
-118.17703833333334 34.18994166666666



photo_2-20230413-DG4A-south_Primrose-lookingSE-after.jpg
-118.17704833333333 34.18993666666666



photo_3-20230413-DG4A-south_Primrose-lookingNW-after.jpg
-118.17690166666667 34.18969499999999



photo_4-20230413-just_N_of_storage_container-plant_cage_assembly_line.jpg
-118.17538166666667 34.19248666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	11:30	52 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Exotic and invasive weed removal; repairing and moving irrigation, removing excess wood and trash from floods.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of ten plus Erik.

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: Acorn Woodpecker, California Scrub Jay, Oak Titmouse, Nuttall's Woodpecker, Yellow-rumped Warbler, Western Bluebird, California Towhee, Spotted Towhee, Northern Mockingbird, Coopers Hawk, Nashville Warbler, Common Raven, White-crowned Sparrow, Lesser Goldfinch, Canada Goose, Killdeer, Hooded Merganser, Ring-necked Duck, Canada Goose, Song Sparrow, Common Yellowthroat, Orange-crowned Warbler, Bewick's Wren, California Quail, Hammon's Flycatcher
Mammals: Audubon's Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew began work split up on various tasks. Persistent drizzle over site.
0745: Cooper's Hawk heard near documented nest.
0830: Rain started to lighten up/stop.
0900: Crew broke for break.
0930: Started raining again.
1100: Decided to call off remainder of work due to rain.

Additional Comments

Forecast had not called for rain, yet there was a persistent drizzle for nearly the entirety of the work day. Crew was not prepared for the moisture and site was extremely muddy in some areas. Work was eventually called off due to these factors.

Signature





Crew_weeding_along_DG-2_and_Trail.jpg
-118.1714812222223 34.1902466222222



Excess_wood_and_trash_being_disposed_of_DG-2.jpg
-118.17270188333333 34.1888730972222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	80 %
End of Day	14:00	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of twelve weeding and planting in DG-4A.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, NUWO, BHGR, YEWA, AMRO, CAQU, ACWO, SPTO, COYE, CASJ, WCSP, HOFI, BUFF, CANG, RNDU, MALL, BEWR, YRWA, BGGN, KILL, LEGO, BUSH, MODO, NRWS, WREN, ANHU, BTPI, CATH, OCWA, EUST, SOSP, BCHU, AMCR, RSHA, ATFL, RUDU, BHCO, PSFL, PUFU, RCPA, WEBL, DEJU, OATI, BTYW, WAVI, BLPH, ALHU, COHA, BARS, WESA, CORA, CAKI, western toad, desert cottontail, California ground squirrel, fox squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0645: Found California towhee with nesting materials immediately adjacent to parking lot. Dropped a point on fieldmaps to investigate. Surveyed work area.

0710: Crew cleared to work; monitored planting and weeding in DG-4A near the primrose field. The weeding crew primarily targeted Rumex crispus and pepperweed.

0930: Found BUSH_10 nest. Crew moved into southernmost clearing, continuing planting work.

1230: Found SOSP_05 nest.

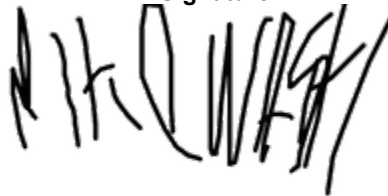
1300: Found BGGN with nesting materials, flew them off-site to the west into the oak woodland. Dropped a point in fieldmaps.

1345: Crew begins wrapping up while I inspected the site. Have crew do a lap of trash pick up in planted areas before leaving.

Additional Comments

Total 240 plants installed. Blackberry:48 Populus:48 Coyote bush: 32 Mugwort: 112

Signature





photo_1-20230414-pre_weeding_facingE.jpg
-118.1770735555557 34.1899380722222



photo_2-20230414-planting_progress_facingS.jpg
-118.1773893888889 34.1890107361111



photo_3-20230414-post_weeding_facingE.jpg
-118.17716580555556 34.18995063888889



photo_4-20230414-planting_progress_facingW.jpg
-118.17631755555556 34.18932051666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	85 %
End of Day	13:30	57 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Exotic and invasive weed removal; Wood and flood debris removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of eight plus Erik.

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: Acorn Woodpecker, Oak Titmouse, Spotted Towhee, California Towhee, California Quail, Bewick's Wren, Cooper's Hawk, Song Sparrow, California Scrub Jay, Anna's Hummingbird, White-crowned Sparrow, California Thrasher, Nuttall's Woodpecker, Canada Goose, Red-crowned Parrot, Common Raven, Common Yellowthroat, Northern-roughwinged Swallow, Ruby-crowned Kinglet, Mourning Dove, Northern Mockingbird, Bullock's Oriole, Western Bluebird, Red-tailed Hawk, Wrentit, Yellow-rumped Warbler, Townsend's Warbler, Orange-crowned Warbler,
Mammals: Audubon's Cottontail, Coyote, Beechey Ground Squirrel
Herps: Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Cooper's hawk pair observed near documented nest; appear to still be building.
0715: CATH_05 observed incubating.
0900: Crew broke for break.
1145: Crew broke for lunch.

Additional Comments

Some regulars of the area stopped to mention they had seen a Bald Eagle today and the day prior. I had not seen this individual, but am relatively confident in the individuals ID ability, especially for such an easily recognizable species.

Signature





Crew_weeding_edge_Johnson_Field_facingW.jpg
-118.1716319722223 34.1922251666667



Weeded_area_along_Johnson_Field_facingSW.jpg
-118.17181188333333 34.19214789999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: April 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	95 %
End of Day	14:00	61 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hula hoes, tarps, gloves.
3. Three Natures image personnel.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ANHU, MODO, CAQU, CASJ, SPTO, CALT, WCSP, BUSH, AMGO, AMRO, TRES, CATH, HOFI, LEGO, BGGN, BHGR, RCPA, YRWA, NOMO, CORA, NUWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Plan for the day, bird check/nest check in DG-4 WOUS. No nest found, area cleared for vegetation removal.
Weather: light sprinkle

1030: Sprinkling stopped, continued to monitor area and crew.

1350: Crew remained in same area entire shift, cleaning up for the day, take after photos and complete Survey123.

1400: End of shift.

Additional Comments

Light drizzle in the morning

Signature





photo_1-20230417-vegetation_removal_before_facingE.jpg
-118.17427716666667 34.192289305555555



photo_2-20230417-vegetation_removal_after_facingE.jpg
-118.17427994444445 34.192342555555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	14:00	60 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight planting in DG-4 WOUS

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

DEJU, SPTO, CALT, CASJ, OCWA, PUF1, NUWO, BEWR, LEGO, MODO, AMCR, CANG, CATH, BHGR, RCPA, SOSF, BGGN, CORA, KILL, COYE, BUSH, YRWA, HOFI, ANHU, RNDU, NRWS, WCSP, ECDO, RSHA, NOMO, ACWO, OATI, WTSW, YEWA, WEBL, OCWA, ATFL, CAKI, WREN, MERL, desert cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew.

0645: Performed nesting bird survey. Found BUSH_11 nest. Flagged off and alerted the crew.

0705: Cleared crew to work. Monitored planting in DG-4 WOUS, crew continued backfilling areas with newly delivered plants.

1230: Crew took delivery of new plants. Removed CATH_03 buffer; nest has fledged. Planting continues.

1330: Observed a Merlin- this is the first time I have seen this species in the bounds of the west side restoration area.

Additional Comments

240 total plants installed- 118 from last delivery. Elderberry- 48 The rest of the new ones were mixed.

Signature





photo_1-20230417-planting_facingE.jpg
-118.17383744444444 34.19189594444444



photo_2-20230417-new_plants_facingW.jpg
-118.17392477777778 34.192023

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	100 %
End of Day	14:30	62 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal; Wood and debris removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of ten plus Erik.

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: Acorn Woodpecker, White-crowned Sparrow, California Towhee, Spotted Towhee, Bewick's Wren, California Quail, House Finch, Lesser Goldfinch, Mourning Dove, Common Raven, Yellow-rumped Warbler, Wrentit, Song Sparrow, Common Yellowthroat, Canada Goose, Northern Rough-winged Swallow, Killdeer, Bufflehead, Ring-necked Duck, Mallard, California Thrasher, Red-crowned Parrot, Anna's Hummingbird, American Crow, Red-shouldered Hawk, Pacific-slope Flycatcher, Cassin's Kingbird, Cedar Waxwing, Nuttall's Woodpecker, European Starling, Bushtit, Western Bluebird

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

Herps: Western Fence Lizard, Western Toad,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0900: Crew broke for break.

1200: Crew broke for lunch.

Additional Comments

N/A

Signature





Wood_debri_and_weeding_DG2.jpg
-118.17276819444444 34.18897371111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 18, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	95 %
End of Day	14:45	62 °F	7-9 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 12 weeding and planting in DG-4 WOUS and DG-4 WOUS connections.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, CASJ, ACWO, SPTO, HOFI, PUF1, BHGR, AMRO, RCPA, CASJ, NUWO, WREN, CANG, OCWA, BGGN, SOSF, BUSH, CALT, MALL, RNDU, KILL, ANHU, ALHU, NRWS, CAQU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived, tailboard meeting with crew.

0640: Performed a nesting bird survey.

0700: Clear crew to work. Monitored weeding and planting in the DG-4 WOUS channels. Directed plant placement.

1430: Crew starts wrapping up for day. Inspected site and filled out monitor log.

Additional Comments

Planted 64 elderberries, 74 rose, and 32 cottonwood

Signature





photo_1-20230418-pre_weeding_facingN.jpg
-118.17426351388889 34.19231209722222



photo_2-20230418-post_weeding_facingN.jpg
-118.1742373888889 34.19233347222222



photo_3-20230418-pre_planting_facingE.jpg
-118.1736374888889 34.1919019555555



photo_4-20230418-post_planting_facingE.jpg
-118.1736433611112 34.1918978472222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 18, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:40	67 °F	4-6 MPH	35 %

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 eight plus Erik 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, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO

Reptiles: Western fence lizard, side-blotch lizard, gopher snake

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-2 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work weeding in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1430: Crew stops work for the day.

Additional Comments

Could not rename first photo: Invasive_species_removal_DG-2_facingNE

Signature

Handwritten scribble or signature.



Invasive_species_removal_DG-2_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	3 %
End of Day	14:30	69 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight planting in DG-4 WOUS and DG-4A

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

0800-0825: I detected it in DG-4 next to the large pepper tree (farthest north territory on fieldmaps), heard a male singing and jumping from tree to tree. The crew was over 300 feet away and out of sight.

0920: David Torfeh detected it in the DG-4 WOUS channels next to the reservoir (center territory on map). Bird was heard roughly 200 feet north of crew; so they were all sent to the parking lot while David briefly tracked it and cleared a new work area.

1100: I heard it from a great distance while participating in a site visit with Kieth/Mitzi et al., this time it was in DG-4 south of the field with the two large boulders (farthest south territory on fieldmaps).

1300: Detected again at the farthest north territory for a few minutes. this area was directly behind a disc golf basket and subject to frequent trespassing by disc golfers.

List of species observed while monitoring:

PUFI, CALT, SOSP, LEGO, RCPA, BEWR, CASJ, YEWA, CATH, YRWA, BUSH, ATFL, WCSP, BUFF, CANG, CAQU, WREN, BUFF, WEBL, MALL, COYE, OCWA, LBVI, RNDU, PBGR, CAKI, NRWS, TRSW, WTSW, COHA, BHGR, ACWO, NUWO, DEJU, AMRO, NOMO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0645: Performed a nesting bird survey.

0705: Cleared crew to work at south end of DG-4 WOUS, crew continued backfilling container plants.

0800: Walked north of crew to check dirt pile for weeding targets; detected LBVI. Monitored for ~25 minutes.

0830: Resumed monitoring.

0900: Attended meeting with Kieth Hala/ Mitzi Kim Rios and others while David monitored crew.

1100: detected LBVI during meeting.

1130: Resumed monitoring in DG-4A Near sheetflow area, crew continued planting.

1300: Checked on location of LBVI, detected it again.

1415: Planting and weeding start fully wrapping up.

Additional Comments

176 plants installed today: 64 coyote bush 64 wild rose 48 cottonwood 16 mugwort

Signature

Nik Swank



photo_1-20230419-post_planting_facingSW.jpg
-118.17598291666667 34.19149566666666



photo_2-20230419-post_planting_facingS.jpg
-118.17407829444446 34.19147286111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:27	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools and one line trimmer.
3. Gothic Landscaping. Crew of eight plus Erik as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SOSP, SPTO, ACWO, CALT, HOFI, CATH, CAQU, WREN, AMCR, BEWR, OATI, COYE, BUSH, RCPA, LEGO, OCWA, CANG, KILL, ANHU, ALHU, PSFL, BTYW, ROPI, YRWA, CATH, BHGR, WIWA, WCSP, NRWS, NAWA, CORA, COHA, BGGN, RTHA, HOOR, RSHA, BLGR

Reptiles: western fence lizard

Mammals: desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate and discussed work plan for the day.

0650: Crew works in the Southwest portion of DG-2 on weeding activities. No irrigation is planned for the week due to how moist the site has been from recent fogs and wet mornings.

0900: Crew takes a break.

0915: Crew continues work weeding in the same area of DG-2 along the side slopes adjacent to the river.

1130: Crew breaks for lunch.

1215: Crew returns to work in DG-2.

1345: LADPW demobilizes large excavator along the main trail on the east side of the mitigation site.

1415: Crew stops work for the day.

Additional Comments

N/A

Signature



crew_weeding_SWslope_DG-2_facingS.jpg
-118.17262537500001 34.189499194444444



OATI_adding_nest_material_facingSE.jpg
-118.17155169444445 34.19082062499999



Weeding_progress_DG-2_facingS.jpg
-118.17270948055555 34.18883960555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	45 °F	0-3 MPH	5 %
End of Day	13:40	72 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding and planting of restoration area with hand tools by Natures Image crews (2 weeding and 11 planting).

Did you observe any special-status species? Yes No

Least Bell's vireo

Were any least Bell's Vireo detected? Yes No

Singing in willows next to channel in DG-4 WOUS; not seen.

List of species observed while monitoring:

BEWR, OCWA, NUWO, RCPA, SPTO, WREN, CATH, KILL, CALT, SOSP, CASJ, WEBL, LEGO, AMRO, MODO. LBVI singing, BGGN, YRWA, CANG, MALL, COHA, CORA, BUSH, HOFI, ACWO, HOOR, BHGR, ANHU, CAQU, small western toad, western fence lizard, RTHA, Painted Lady.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0655: Preparation.

0655-0715: Checked DG-4 WOUS central area weeding site for nests and sensitive species; none found.

0715-0750: Weeding.

0750: Weeding moved to DG-4 WOUS in planting area near channel; already checked by Mike.

0930: LBVI detected, so moved to Sheet Flow area.

0935-0945: Checked Sheet Flow for nests; none found.

0945-1320: Planting and weeding of Sheet Flow.

1320: Transition to cage making by storage container.

1335: Log done.

Additional Comments

N/A

Signature





photo_1-20230419-DG4A-lookingSE-before.jpg
-118.174245 34.19238833333333



photo_2-20230419-DG4WOUS-SheetFlow-lookingW-before.jpg
-118.17540833333334 34.19179166666666



photo_3-20230419-DG4WOUS-Channels_area-lookingS-before.jpg
-118.17393666666668 34.19132



photo_4-20230419-DG4WOUS-Sheetflow-lookingW-after.jpg
-118.17534166666667 34.19179

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	0 %
End of Day	13:50	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight planting in DG-4A and DG-4

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CANG, CAQU, BGGN, CASJ, RCPA, SOSP, YRWA, SPTO, KILL, WREN, CALT, coyote, MODO, BUSH, LEGO, ANHU, YEWA, ATFL, ACWO, desert cottontail, California ground squirrel, NUWO, WAVI, AMRO, western fence lizard, striped racer, MALL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0640: Pre-construction bird survey.

0715: Monitor planting crew.

0730: Explored southern part of field site to check for LBVI. None observed but recorded multiple YEWA.

0830: Monitored planting crew

1030: Pre-construction bird survey in southern area near bridge.

1200: Drive to south end of site and monitor planting crew.

1350: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230420-DG-4A_before_planting_facingS.jpg
-118.1755107888889 34.19039798888888



photo_2-20230420-DG-4_before_planting_facingS.jpg
-118.177082 34.18670001111111



photo_3-20230420-DG-4_after_planting_facingS.jpg
-118.17709628888889 34.18670613888889



photo_4-20230420-DG-4A_after_planting_facingS.jpg
-118.17553544444445 34.19061713888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: April 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:31	44 °F	0-3 MPH	0 %
End of Day	14:03	76 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools and one line trimmer.
3. Gothic Landscaping. Crew of eight plus Erik 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:

YRWA (Myrtle), PSFL, TUVU, WCSP, LESC, HOFI, NRWS, NUWO, HOOR, ATFL, WAVI, RTHA, OATI, GRHE, CAQU, BHGR, MODO, HUVI, YEWA, CATH, NAWA

Reptiles: western fence lizard

Mammals: desert cottontail, California ground squirrel, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Tailgate and discussed work plan for the day.

0650: Crew works in the Southwest portion of DG-2 on weeding activities in the same general area as yesterday. No irrigation is planned for the week due to how moist the site has been from recent fogs and wet mornings.

0845: Crew takes a break.

0915: Crew continues work weeding in the same area of DG-2 along the side slopes adjacent to the river, slowly working way northward.

1130: Crew breaks for lunch.

1215: Crew returns to same work in DG-2.

1400: Crew stops work for the day.

Additional Comments

N/A

Signature

Handwritten signature or scribble.



Vegetation_removal_DG-2_WOUS_facingS.jpg
-118.17253751944445 34.18910476111111



Bagged_weeds_SouthDG-2WOUS_facingN.jpg
-118.1728935 34.18851566666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	13:55	85 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding and planting using hand tools by 10 Natures Image (NI) and two Labor Finders employees under Raul, supervised by Genero, Eduardo, and Miguel. Only one weeding.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, SPTO, SOSPO, RCPA, YRWA, BGGN, HOFI, CAQU, BUOR, CATH, YEWA, COYE, WCSP, ACWO, ECDO, NUWO, MODO, ANHU, KILL, AMRO, BUSH, BHGR, ATFL, RTHA, CORA, WIWA, CAQU, CASJ, OATI, WAVI, HUVI, NRWS, RNDU, MALL, PSFL, DEJU, CANG, WTSW, desert cottontail, California ground squirrel, western fence lizard, Monarch, Cabage White, Lorquin's Admiral, BHCO, WEKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0645: Preparation.

0645-0705: Checked DG-4A Centerfields site for nests and sensitive species with Maddie; none found.

0705-0740: Checked yesterday's singing; two northern LBVI locations; not heard or seen (Dirt pile and DG-4 WOUS Channels areas).

0740-0900: Monitored weeding at Centerfields.

0910-0935: Monitored planting in Mining Pit area.

0935-1010: Monitored weeding at Centerfields.

1010-1055: At Genero's request, did pre-planting monitoring at low area just north of "Truck Ramp" with Maddie.

1210-1330: Planting and weeding moved to DG-4 WOUS just north of "truck ramp."

1355: Log done.

Additional Comments

N/A

Signature





photo_1-20230420-DGG4A-Centerfields-lookingSE-one_hour_after-start.jpg
-118.17542 34.19051333333333



photo_2-20230420-DG4A-Centerfields-lookingS-after.jpg
-118.17542833333334 34.19060666666666



photo_3-20230420-DG4WOUS_near_truck_ramp-lookingN-before.jpg
-118.17702833333334 34.186616666666666



photo_4-20230420-DG4WOUS-near_truck_ramp-lookingN-after.jpg
-118.177056666666667 34.186613333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	0 %
End of Day	13:30	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 10 weeding in Mining Pit (DG-W-2 mining pit). At 0900, seven crew members checked the water lines while three continued weeding.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BGGN, CANG, ACWO, RCPA, HOFI, SOSF, AMRO, MODO, WREN, CAQU, BHGR, WCSP, CALT, ANHU, KILL, BUSH, YRWA, NUWO, NOMO, CATH, CASJ, western fence lizard, California ground squirrel, desert cottontail, SPTO, WEBL, BEWR

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0645: Check site for LBVI, none observed.

0745: Pre-clearance bird survey in weeding area.

0800: Monitor weeding crew.

0900: Still no LBVI observations, so the crew split up: seven went to check water lines throughout the site while three continued weeding

1230: Checked on team doing water lines.

1330: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230421-mining_pit_before_weeding_facingS.jpg
-118.17430269444445 34.19253958333333



photo_2-20230421-mining_pit_after_weeding_facingS.jpg
-118.17430341666667 34.19256116666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	4-6 MPH	0 %
End of Day	14:00	84 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

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 Thrasher, Acorn Woodpecker, Bewick's Wren, Common Yellowthroat, Song Sparrow, Wrentit, California Towhee, Oak Titmouse, American Crow, Spotted Towhee, Killdeer, Canada Goose, House Finch, Bushtit, Anna's Hummingbird, Red-crowned Parrot, Double-crested Cormorant, Bufflehead, Mallard, Mourning Dove, European Starling, Northern Rough-winged Swallow, Common Raven, Cooper's Hawk
Mammals: Fox Squirrel, Beechey Ground Squirrel, Audubon's Cottontail
Herps: Red-eared Slider, Western Fence Lizard, Side-blotched Lizard,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Reconfirmed active and inactive statuses of ANHU-03 and BUSH-04 nests, respectively.

0800: Quietly listened at the South end of DG-2 for any Vireo vocalizations.

0915: An unknown turtle species was observed in the drainage channel along DG-3A. Unlikely, but may have been a Western Pond Turtle, was only seen for a split second before it dove into the water. Finding was relayed to Carley via phone message.

0955: Stuck around DG-3A and confirmed turtle to be a Red-eared Slider.

1010: Cooper's hawk heard, but not seen, near documented nest.

1145: Crew broke for lunch.

Additional Comments

N/A

Signature





Hemlock_removed_from_DG2.jpg
-118.17259025833334 34.18960354722222



Crew_weeding_DG-2.jpg
-118.17243194444445 34.18942480555554



Area_where_turtle_was_observed_basking.jpg
-118.17318661111112 34.1871285277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:45	71 °F	0-3 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 eight plus Erik 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, CANG, RTHA, BUSH, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO

Reptiles: Western fence lizard, side-blotch lizard

Mammals: Desert Cottontail, California Ground Squirrel, Pocket Gopher

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-2 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: crew returns to work weeding in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1430: Crew stops work for the day.

Additional Comments

Took photos in app but could not rename: Invasive_species_removal_DG-2_facingSW

Invasive_species_removal_DG-2_facingW

Signature

Handwritten scribble or signature.



Invasive_species_removal_DG-2_facingSW.jpg



Invasive_species_removal_DG-2_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: April 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:30	70 °F	7-9 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hula holes, tarps, and gloves.
3. 12 Natures Image 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:

ANHU, MODO, CAQU, MALL, CASJ, SPTO, CALT, BUSH, AMGO, AMRO, TRES, CATH, BHGR, RCPA, BGGN, LEGO, HOFI, CANG, RTHA, AMCR, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Made plan for the day, nesting/bird check for DG-4A. California towhee gathering nesting materials, flying in and out of thick mulefat, created a point on field maps & flagged buffer zone. Rest of the area cleared for vegetation clearing, no vireo heard or seen.

0930: Crew continues to weed, no vireo seen or heard, California towhee continues to gather nesting material and fly in and out of mulefat patch.

1230: Team runs into two rattlesnakes, marked the area in field maps. California towhee continues to gather nesting materials NW of where its been gathering this morning. Natures Image staff continue to weed.

0215: Team starts cleaning up, taking tarps out, etc. After photos, Survey123.

Additional Comments

N/A

Signature





photo_1-20230424-vegetationclearing_before_facingSE.jpg
-118.17242615 34.19338122222222



photo_2-20230424-vegetationclearing_after_facingSE.jpg
-118.17232644444445 34.193478



photo_3-20230424-vegetationclearing_before_facingSE.jpg
-118.17231926111111 34.19348605555555



photo_4-20230424-vegetationclearing_after_facingSE.jpg
-118.17244416666666 34.19338313888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:40	73 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 12 weeding in dirt pile 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:

ACWO, CAQU, BHGR, CALT, SOSPO, RCPA, CASJ, BGGN, ANHU, LEGO, EUCD, COYE, HOFI, MALL, AMRO, BEWR, SPTO, ALHU, RTHA, rattlesnake, western fence lizard, side-blotch lizard, pocket gopher, KILL, CATH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0640: Pre-construction bird survey.

0710: Monitor maintenance crew.

0750: Discovered a new CALT nest and recorded it in the map. Told crew to avoid the area.

0900: Set up flagging tape around new CALT nest 50 ft buffer.

1420: Crew wrapped up. Recorded new CASJ nest near staging area.

1440: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20230425-dirt_pile_before_weeding_facingS.jpg
-118.17223810277778 34.19342494444444



photo_2-20230425-dirt_pile_before_weeding_facingW.jpg
-118.17218025555556 34.19343169444444



photo_3-20230425-dirt_pile_after_weeding_facingS.jpg
-118.17220484166667 34.19339241666666



photo_4-20230425-dirt_pile_after_weeding_facingW.jpg
-118.17221240833334 34.19342769444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: April 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:45	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 eight plus Erik 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, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO, WIWA

Reptiles: Western fence lizard, side-blotch lizard, red-eared slider

Mammals: Desert Cottontail, California Ground Squirrel, Pocket Gopher

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-2 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: crew returns to work weeding in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1430: Crew stops work for the day.

Additional Comments

N/A

Signature

10/2/17



Invasive_species_removal_DG-2_facingW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: April 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:30	80 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, BEWR, NAPA, COYE, WCSP, YRWA, HOFI, CORA, ANHU, CATH, ACWO, SPTO, CASJ, LEGO, OATI, COHA, NUWO, WIWA, BHGR, NAWA, WAVI, YBCH, BGGN, CLSW, SNEG, CANG, PSFL

Reptile: side blotch lizard, gopher snake

Amphibian: none

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Erik and crew for safety tailboard.

0645: Began sweep of work area in DG-2 surveying for nesting birds and other sensitive species.

0700: Crew begins clearing invasive weeds in work area DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1400: Crew cleans up work area and biologist conducts final sweep.

1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature

5/20/20



Vegetation_Clearing_before_facingS.jpg
-118.17251398611111 34.18991540833333



Vegetation_removal_facingN.jpg
-118.17250064722222 34.19024873888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: April 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	0 %
End of Day	14:15	90 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Clearing of non-native vegetation by eight Natures Image (NI) crew and two Labor Finders crew members using hand tools. Genero, Eduardo, and Miguel supervising.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, MODO, AMRO, CANG, BHGR, CAQU, BGGN, coyote (4), SOSP, SPTO, WIWA pair, AMCR, RCPA, LEGO, ALHU, ANHU, NUWO, CORA, HOFI, ATFL, BEWR, BUSH, CALT, TUVU, PSFL, ACWO, CATH, mountain lion scat, California ground squirrel, western fence lizard, White-lined Sphinx moth, NRWS, KILL, side-blotched lizard, PUF1, EUST, CAKI, Cabbage White, Painted Lady, Funereal Duskywing, Western Tiger Swallowtail, YEWA, ECDO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0645: Preparation; cart missing.

0645-0710: Scouted DG-4A south side of Dirtpile for new nests and sensitive species.

0715: Cart found. Weeding starts.

0730: Moved SW to DG-4 WOUS because crew was getting too close to bird areas designated to avoid.

1020: Moved to DG-4 WOUS farther south.

1400: Weeding ends.

Additional Comments

N/A

Signature





photo_1-20230426-DG4WOUS-S_of_Dirtpile-lookingW_2_hours_after_start.jpg
-118.17242333333334 34.19292333333333



photo_2-20230426-DG4WOUS_S_of_Dirtpile-lookingW-after.jpg
-118.17239500000001 34.192946666666664



photo_3-20230426-DG4WOUS-farther_S-lookingE-before.jpg
-118.17313666666666 34.19302333333333



photo_4-20230426-DG4WOUS-fartherS-lookingE-after.jpg
-118.17313333333334 34.19264166666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: April 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	4-6 MPH	0 %
End of Day	14:30	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eleven weeding in DG-4, DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, AMRO, SPTO, SOSP, BHGR, CALT, RCPA, BEWR, MODO, LEGO, ANHU, BGGN, CANG, YRWA, NRWS, CORA, GREG, KILL, CAQU, NUWO, MALL, WAVI, WREN, YEWA, EUST, DEJU, CAQU, ECDO, RSHA, AMCR, OATI, RTHA, WETA, BUSH, CATH, ACWO, PSFL, ALHU, TUVU, COHA, WEBL, PUFI, CAKI, common side blotched lizard, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew.

0640: Surveyed work area. No nests found.

0705: Monitored weeding in DG-4 WOUS and DG-4. Crew was targeting mature mustard and poison hemlock.

Update nearby nests.

0830: Find NRWS_01 and NRWS_02.

1030: Find CATH_06 and UNK_01. See additional comments. Send crew to parking lot and stop work near nests.

1130: Surveyed new work area. Found SOSP_06.

1200: Tailboard meeting regarding nests. Clear crew to continue weeding in DG-4 WOUS connections.

1330: Checked CATH_06/UNK_01- both birds are back on the nest incubating.

1400: Crew wrapping up for day. Inspected site and installed flagging.

Additional Comments

The crew weeded up to two nests today, a CATH and an unknown small brown songbird. I believe the unknown nest is a song sparrow but have not yet confirmed; doing so would risk flushing/abandonment of CATH_06. The nests are almost immediately adjacent to one another. The crew members who discovered them did not immediately inform me of what happened. I was told about it roughly 15 minutes after they were discovered, the crew members involved moved 10 feet away and kept working, both birds had flushed off the nests at this point. I believe that the crew was not willfully obfuscating the discovery from me because I was eventually told about the nests, it seemed that they were unaware of the sensitivity of the situation. Work was temporarily stopped, crew was sent to parking lot. and I contacted Lauren Simpson. One nest (CATH_06) was left fairly exposed following the removal of poison hemlock near the nest, the other was still well obscured. Neither nest appeared physically damaged. By 1330, both birds were back on the nests incubating. Implemented a buffer for all areas in line-of-site (150 ft.). before re-starting work in a new location, I held a tailgate meeting with the whole crew to reiterate nesting bird protections on the the project and to make exceedingly clear that all nests are to be reported to the biologists immediately and work may never continue near a known nest.

Signature

M. B. Smith



photo_1-20230427-crew_weeding_facingE.jpg
-118.1734554055556 34.1924561527777



photo_3-20230427-pre_weeding_facingW.jpg
-118.17433146388889 34.19231511111111



photo_4-20230427-post_weeding_facingS.jpg
-118.17437311111111 34.19249315277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	14:30	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

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, California Thrasher, California Quail, California Scrub Jay, Mourning Dove, Red-crowned Parrot, Northern Mockingbird, Song Sparrow, Canada Goose, Cooper's Hawk, Wrentit, White-crowned Sparrow, House Finch, Cedar Waxwing, Killdeer, Mallard, Bushtit, Bewick's Wren, Wilson's Warbler, Warbling Vireo, Nuttall's Woodpecker, Orange-crowned Warbler, Oak Titmouse, Lesser Goldfinch, Anna's Hummingbird, Northern Rough-winged Swallow, Common Raven, Red-tailed Hawk, Ash-throated Flycatcher, Hooded Oriole, Spotted Towhee, Black-headed Grosbeak
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Toad, Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Heard a COHA from the other side of the watershed; was not visually observed.
0730: Started verifying nest status' that had not been updated in more than a week.
0900: Crew broke for break.
1145: Crew broke for lunch.
1400: Found a new BEWR nest.

Additional Comments

N/A

Signature





Hemlock_removed_from_DG-2.jpg
-118.17237541666667 34.19024958333333



Crew_weeding_hemlock_patch_DG2.jpg
-118.17214041666666 34.19055019444444



Hemlock_removed_from_DG-2(2).jpg
-118.17209161666668 34.19058033333333



Hemlock_patch_DG-2.jpg
-118.17210273611111 34.19077622222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: April 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	14:15	78 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of ten doing piping and weeding in DG-4A.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, EUCD, BHGR, AMRO, SPTO, YEWA, ANHU, KILL, BGGN, SOSP, BEWR, CATH, CALT, RCPA, AMCR, western fence lizard, western toad, WREN, CASJ, LEGO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0650: Pre-construction bird survey.

0720: Monitor maintenance crew.

0930: Visited three nearby nests and submitted updates on map, then returned to crew.

1415: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230428-DG-4A_before_weeding_facingE.jpg
-118.17689816666667 34.18968747222222



photo_2-20230428-DG-4A_new_piping_facingS.jpg
-118.17670036111112 34.18956738888888



photo_3-20230428-DG-4A_after_weeding_facingE.jpg
-118.17690865 34.18975236111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: April 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	13:30	80 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling
3. Gothic crew of eight plus Erik.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California Towhee, Acorn Woodpecker, California Quail, Lesser Goldfinch, Western Tanager, Spotted Towhee, Black-headed Grosbeak, House Wren, California Scrub Jay, Barn Swallow, Song Sparrow, Mallard, Northern Rough-winged Swallow, Common Raven, California Thrasher, Red-crowned Parrot, Wrentit, Allen's Hummingbird, Cedar Waxwing, Yellow-rumped Warbler, Yellow Warbler, Warbling Vireo, Red-shouldered Hawk, Ash-throated Flycatcher, Killdeer, Nashville Warbler, Snowy Egret, Nuttall's Woodpecker, Bewick's Wren, Mourning Dove, Red-tailed Hawk, House Finch, European Starling
Mammals: Audubon's Cottontail
Herps: Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0820: Observed a group of three YEWA flying from the large willow along the South side of Johnson Field to the dense mulefat thickets along the upper edge of the slope.

0900: Crew broke for break.

1020: Observed a male YEWA calling from the top of the willow adjacent to the large oak formerly containing BUSH_5.

Additional Comments

N/A

Signature





Crew_weeding_restoration_area.jpg
-118.17241881944445 34.19066812777776

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: May 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	12:15	56 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of ten weeding in DG-4B near the staging area.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, COYE, MODO, ACWO, WREN, CAQU, SOSP, BEWR, CASJ, BHGR, CALT, CANG, desert cottontail, SPTO, ANHU, YEWA, RCPA, BGGN, BUSH, EUCD

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive at site, observe weather/rain.

0730: Rain slowed down, pre-construction bird survey.

0750: Monitor weeding crew.

1215: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230501-DG-4B_before_weeding_facingS.jpg
-118.17520099166667 34.19212865833333



photo_2-20230501-DG-4B_after_weeding_facingS.jpg
-118.17518297222223 34.19224247222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: May 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	4-6 MPH	100 %
End of Day	09:00	51 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Exotic and invasive weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic crew of eight.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Northern Rough-winged Swallow, California Towhee, Black-headed Grosbeak, Spotted Towhee, Cooper's Hawk, Anna's Hummingbird

Mammals: N/A

Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Despite not being in the forecast, was raining upon arrival; crew waited and attempted to work multiple times; however the rain was persistent. Due to the long drive, crew lead Erik had not yet arrived, but spoke with the crew and myself and came to the conclusion work should be canceled.

0745: Observed a COHA flying over north end of site.

Additional Comments

N/A

Signature



Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: May 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	47 °F	0-3 MPH	100 %
End of Day	14:26	60 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1). Invasive species (herbaceous weeds) removal in area DG-2.
- 2). Removing weeds by hand/hand tools.
- 3). Gothic Landscaping. Crew of ten with Eric 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: Warbling Vireo, Killdeer, Spotted Towhee, California Towhee, Rough-winged Swallow, California Scrub-Jay, Anna's Hummingbird, American Crow, Acorn Woodpecker, Yellow Warbler, Bushtit, California Quail, Mourning Dove, Song Sparrow, California Thrasher, Red-crowned Parrot, Red-tailed Hawk, White-throated Swift, Barn Swallow
Mammals: Desert Cottontail, California Ground Squirrel,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Arrived and tailboard with crew.

0700: Crew starting to remove weeds out of the ground by hand and placing herbaceous debris into small piles to dry.

1200: Crew on lunch break.

1240: Crew continues weeding activities.

1415: Crew done for the day.

1425: Biologist off-site.

Additional Comments

No new bird nests discovered today.

Signature





photo_1-crew_weeding_facing_west.jpg
-118.1720416222222 34.19121436111111



photo_2-crew_weeding_facing_NW.jpg
-118.17225053333334 34.19112463888889



photo_3-crew_weeding_facing_east.jpg
-118.1722676388889 34.1911176666666



photo_4-weed_pile_facingNorth.jpg
-118.17237490000001 34.19088138888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: May 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	4-6 MPH	100 %
End of Day	14:00	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding in DG-4 WOUS and DG-4A with hand tools.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BHGR, CASJ, YEWA, WREN, DEJU, SOSP, COYE, SPTO, RCPA, BUSH, CAQU, ANHU, MALL, KILL, CATH, NOMO, CLSW, NRWS, LEGO, CALT, WEBL, MODO, RTHA, WTSW, CORA, ACWO, PUF1, AMCR, ALHU, AMRO, HOFI, VGSW, GTTO, NUWO, RSHA, ECDO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew.

0640: Surveyed work area. Found BUSH_13.

0710: Cleared crew to work. Monitored weeding in DG-4 WOUS (southern half). Primary targets were mustard and poison hemlock.

0922: Observed green-tailed towhee.

1100: Found WEBL_01, moved crew.

1200: Found CALT_04. Nesting bird survey of boulder (DG-4A).

1215: Crew weeds boulder. Monitored these activities.

1300: Found CALT_05.

1345: Crew starts wrapping up, inspected site.

Additional Comments

N/A

Signature





photo_1-20230502-pre_weeding_facingW.jpg
-118.17383231944444 34.19161045555555



photo_2-20230502-post_weeding_facingW.jpg
-118.17389825833334 34.19161119444444



photo_3-20230502-pre_weeding_facingW.jpg
-118.17365436111112 34.19165263888888



photo_4-20230502-post_weeding_facingW.jpg
-118.17364891666666 34.19165376388889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: May 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	95 %
End of Day	14:00	58 °F	0-3 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of ten weeding in DG-4A

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NUWO, ACWO, SPTO, BEWR, SOSP, CAKI, CAQU, CATH, COYE, YEWA, CANG, MALL, KILL, EGGO, NRWS, CLSW, COHA, RCPA, HOFI, PUF1, CALT, ANHU, AMCR, LEGO, WTSW, MODO, CASJ, YRWA, BUSH, DEJU, NOMO, WEBL, WAVI, RTHA, PSFL, RSHA, VGSW, WIWA, BRBL, ATFL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard with crew.

0645: Performed a nesting bird survey.

0710: Cleared crew to work. Monitored weeding in DG-4A.

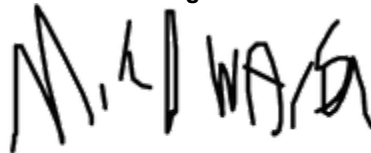
1200: Updated a few nearby nests.

1345: Crew wrapping up, inspect site.

Additional Comments

N/A

Signature





photo_1-20230503-Pre_weeding_facingW.jpg
-118.1747047777778 34.19037666666666



photo_2-20230503-post_weeding_facingW.jpg
-118.1747450555556 34.19039476388888



photo_3-20230503-pre_weeding_facingE.jpg
-118.17475505555556 34.19057046388888



photo_4-20230503-post_weeding_facingE.jpg
-118.17468917777778 34.190597686111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:30	70 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, BEWR, NAPA, COYE, WCSP, YRWA, HOFI, CORA, ANHU, CATH, ACWO, SPTO, CASJ, LEGO, OATI, COHA, NUWO, WIWA, BHGR, NAWA, WAVI, YBCH, BGGN, CLSW, SNEG, CANG, PSFL
Reptile: side blotch lizard, Western fence lizard, Southern Pacific rattlesnake
Amphibian: Western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.
0630: Met with Erik and crew for safety tailboard.
0645: Began sweep of work area in DG-2 surveying for nesting birds and other sensitive species.
0700: Crew begins clearing invasive weeds in work area DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
0900: Crew takes a break.
0915: Crew returns to work in DG-2.
1200: Crew breaks for lunch.
1400: Crew cleans up work area and biologist conducts final sweep.
1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature

AVO R



DevilsGate_vegetation_removal_before_facingS.jpg
-118.17196658333334 34.19085094444444



Vegetation_Clearing_facingW.jpg
-118.17129530555556 34.19205611111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 4, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:00	59 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration site weeding of non-native plants using hand tools by at least eight Nature's Image crew and two Labor Finders crew under Genero. 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:

OATI, AMRO, COYE, SPTO, CALT, SOSJ, CASJ, OCWA, MODO, BHGR, EUST, BUSH, CAQU, LEGO, ACWO, HOFI, NRWS, MALL, PSFL, RCPA, CAKI, BLPH, WETA, WIWA, AMCR, BEWR, ANHU, NOMO, YEWA, California ground squirrel, BGGN, ATFL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0825 & 0900-0940 & 1125-1220: Rain prevents weeding work.

0825-0900: Checked DG-4A along cable fence near storage container for nests and sensitive species prior to weeding.

1005-1020: Checked area along east/west cable fence south of storage container.

1220-1330: Continued checking to south along cable fence as weeding progressed. Mostly poison hemlock and mustard are removed. Mustard removal by City Parks bulldozer and City workers just south of storage container happening. Log done at 1400.

Additional Comments

N/A

Signature





photo_1-20230504-DG4A_cable_fence_near_container-lookingE-20_minutes_after.jpg
-118.17524833333334 34.19249666666666



photo_2-20230504-DG4A_cable_fence_S_of_turn-lookingNE-after.jpg
-118.17642000000001 34.191536666666664



photo_3-20230504-DG4A-cable_fence-lookingS-before.jpg
-118.17533 34.192035



photo_4-20230504-DG4A-cable_fence-lookingS-after.jpg
-118.1753666666668 34.19203166666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	90 %
End of Day	14:30	70 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, CALT, CAQU, BEWR, NAPA, BUSH, HOFI, CORA, ANHU, CATH, ACWO, SPTO, CASJ, OATI, COHA, NUWO, WIWA, BHGR, CLSW, YEWA, WREN, WEWP, YBCH

Reptile: none

Amphibian: none

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Erik and crew for safety tailboard.

0645: Began sweep of work area in DG-2 surveying for nesting birds and other sensitive species.

0700: Crew begins clearing invasive weeds in work area DG-2. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1100: A crew member found a blue egg with brown spots on the ground in a patch of poison hemlock. The egg appears to be a California thrasher and is near where a pair of thrashers were observed fighting with a scrub jay earlier in the morning.

1200: Crew breaks for lunch.

1400: Crew cleans up work area and biologist conducts final sweep.

1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature

[Handwritten signature]



DG2_before_vegetation_removal_facingS.jpg
-118.17200523055556 34.19122273888888



DG2_vegetation_removal_facingN.jpg
-118.1723035 34.19107591666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	13:30	63 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native plants using hand tools by six Natures Image (NI) crew and two Labor Finders (LF) crew supervised by 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:

CAQU, RCPA, SPTO, CALT, AMCR, ANHU, CASJ, AMRO, COYE, WAVI, WETA (at least 10, mostly in Park), OCWA, BEWR, CATH, BUSH, WIWA, MODO, CANG, WEWP, MALL, ACWO, NUWO, BGGN, LEGO, SOSPO, YEWA, NRWS, ATFL, HOFI, California ground squirrel, RTHA pair, CAKI, SWTH heard in Park, EUST, BLPH, PHAI, OATI, PUF1, WEBL, Cabbage White, WTSW.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Light rain prevents weeding work.

0650-0710: Checked for nests and sensitive species along N-S cable fence south of turn. (DG-4b, DG-4)

0715: Crews start weeding.

0710-0800: Continued southward with checking to just before Primrose (DG-5). Hahamongna Park oaks across trail from Primrose had a pair of Wilson's Warblers, a Western Tanager, a Warbling Vireo, and a Western Wood-Pewee.

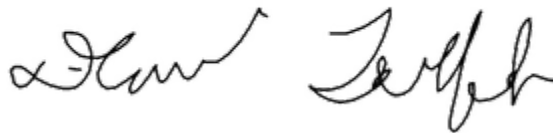
0955-1025: Light rain prevents weeding work.

1330: Weeding ends. Log done.

Additional Comments

N/A

Signature





photo_1-20230505-DG4A-S_of_trail_turn-lookingN-start.jpg
-118.1766633333334 34.1912766666666



photo_2-20230505-DG4A-S_of_trail_turn-lookingN-after.jpg
-118.1766783333334 34.19132



photo_3-20230505-just_S_of_photo_1-lookingN-after.jpg
-118.176865 34.191035



photo_4-20230505-trail_just_N_of_Primrose-lookingN-after.jpg
-118.1770066666667 34.19075333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: May 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:00	75 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image weeding crew of seven with Genero acting foreman. Linda works the irrigation. Weep trained new Labor Finder employee.

Did you observe any special-status species? Yes No

Least Bell's vireo, yellow warbler

Were any least Bell's Vireo detected? Yes No

LBVI singing quite vigorously, and I hear it just north of Boulder in the restoration site comes south then goes across west towards Boulder West. Singing from mulefat and willow. Wandering quite a bit continues to sing since 6:45. I lose it at 7:15 and out of earshot as it moved southwest into the dense vegetation. I did not hear it the rest of the day,

List of species observed while monitoring:

NOMO, RCPA, NRWS, BARS, CLSW, MALL, CANG, BEWR, BGGN, BHGR, AMRO, HOOR, BUOR, YEWA, LBVI, WAVI, CATH, RTHA, RSHA CALT, SPTO, WREN, BUSH, ACWO, NUWO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: I survey Boulder and find LBVI singing from the north, moves south towards me then west along shrub/tree line. Crew was to weed here but I move them to sheet flow area (DG-4A), mostly pepperweed and poison hemlock. I flag a buffer for CALT nest found on May 3. CALT are hanging out here. BHGR nest also in this vegetation along the public trail. YEWA singing from black willow to west. We stay in this area all day. Crew finishes weeding at 0130. I stay to finish report till 0200.

Additional Comments

N/A

Signature





Example_of_large_patches_of_phacelia_in_restored_sites.jpg
-118.17530571111112 34.19095841666666



Weeding_efforts_sheetflow_DG4A_facing_w.jpg
-118.17534163055556 34.19179458333333



Tens_of_tarps_of_pulled_invasive_weeds.jpg
-118.17537236111112 34.19172433333333



Part_of_post-weeded_area_facing_east.jpg
-118.1758947888889 34.19150891666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company:
Date of Log: May 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:30	71 °F	4-6 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

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: Acorn Woodpecker, California Towhee, House Finch, Anna's Woodpecker, Spotted Towhee, Red-crowned Parrot, California Quail, Black-headed Grosbeak, Bewick's Wren, Warbling Vireo, Allen's Hummingbird, Common Raven, Barn Swallow, Northern Rough-winged Swallow, Killdeer, Wrentit, Nuttall's Woodpecker, Hammond's Flycatcher, Wilson's Warbler, Orange-crowned Warbler, Canada Goose, Cliff Swallow, Mallard, Western Fence Lizard, Red-shouldered Hawk, California Scrub Jay, Red-tailed Hawk, Bushtit, Lesser Goldfinch, Song Sparrow, Oak Titmouse, Mourning Dove, California Thrasher, Northern Mockingbird
Mammals: Beechey Ground Squirrel, Audubon's Cottontail
Herps: Alligator Lizard, Western Fence Lizard, Western Toad, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0845: Crew broke for break.

0940: Received a text from Mike alerting to a LBVI sighting on the other side; I monitored an area I considered high potential near a large baccharis stand near the crew in case it flew over.

1145: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_weeding_hemlock_along_slopes.jpg
-118.17226373888889 34.19147893333333



Mustard-hemlock-thistle_removed_from_DG2.jpg
-118.1721672222223 34.1917384166667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: May 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	13:45	60 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Genero is foreman of crew of six total. Linda is on irrigation check duty.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, MODO, SPTO, LEGO, EUST, SOSP, CAKI, CATH, RCPA, HOFI, YEWA, CALT, HOOR, NUWO, BEWR, ANHU, AMCR, CORA, WREN, COYE, ACWO, CANG pair with several young, NOMO, BHGR, AMRO, ORJU, CSJA, KILL, NRWS, MALL with several young, RTHA, CLSW, WAVI, ANHU, OATI, WTSW, PSFL, GRYE, HUVI, YBCH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Check boulder east area for nesting activity. All clear, crew comes in by 0700.

0730: I walk south to check nests. Removed buffer flagging from BUSH_05, no nest observed (2nd update). Removed buffer flags for ANHU_04, nest no longer intact. ALHU_03 and ANHU_05, nests not found, but ANHU collecting bugs in the area. COHA_02 is active, the pair was in the stand, and one flew up to the nest. SOSP_05 unknown. BUSH_11 is active. There are at least 5 singing YEWA around this mature stand of trees Also a lot of activity with low nesters, SPTO, SOSP, CALT here at the edge interface with DG-4A southernmost clearing. I removed the buffer flagging for BUSH_03 which was torn apart. Back to Boulder before and after lunch. YBCH singing from across the reservoir, from the willows vigorously @ 1245. crew packs up at 1330.

Additional Comments

There was some concern about the mining pit channel being cleared by public, but Genero thinks water has cleared some of it out when it flowed during the last flood. there's no evidence to prove otherwise. (tracks/machete cuts).

Signature





continue_weeding_east_boulder_by_reservoir_facingSW.jpg
-118.17481068055557 34.19050177777776



continue_weeding_east_boulder_by_reservoir_facingNE.jpg
-118.17483791666668 34.19051656944444



post-weeding_east_boulder_facing_NW.jpg
-118.17473175 34.190432761111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	4-6 MPH	100 %
End of Day	14:01	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic landscape; ten workers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Scrub jay, acorn wood pecker, spotted towhee, california quail, coopers hawk, common raven, turkey vulture, allens hummingbird, coyote, barn swallow, says pheobe, California Towhee, California ground squirrel, cottontail rabbit

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Monitoring started by Cole Sutter, he went over the project and monitoring responsibilities.

1000: Took over monitoring.

1100: Crew encountered abundant white lined sphinx moth larvae. Instructed to avoid areas where abundant and do best to avoid trampling.

1400: Crew wrapping up work.

Additional Comments

N/A

Signature





Weeding_nonnatives_Northern.jpg
-118.1714815277779 34.19231672222216



Northside_nonnative_vegetation_cleared.jpg
-118.17154551944445 34.19250769444444



Nonnative_vegetation_cleared.jpg
-118.17148395000001 34.19233969444444



White_lined_sphinx_moth_larvae.jpg
-118.17152955 34.19277505555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: May 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:15	67 °F	7-9 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, EUCD, MODO, RCPA, COYE, SPTO, SOSP, YEWA, KILL, CANG, CAQU, ANHU, LEGO, CALT, CASJ, BEWR, CATH, WREN, AMCR, BGGN, WEBL, ALHU, HOFI, BHGR, WIWA, RTHA, CAKI, ATFL

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0640: Pre-construction bird survey.

0710: Monitor weeding crew.

1400: Crew wrapped up, still no LBVI observations since 5/8.

1415: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20230510-DG-4A_before_weeding_facingW.jpg
-118.1747745555556 34.19056156944444



photo_2-20230510-DG-4A_after_weeding_facingW.jpg
-118.17478498333334 34.19067712499999

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:30	70 °F	7-9 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, NAPA, HOFI, CORA, ANHU, CATH, ACWP, SPTO, CASJ, BUSH, AMRO, LEGO, COHA
BHGR, CLSW, WETA, NOMO

Reptile: Southern Pacific rattlesnake

Amphibian: none

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Erik and crew for safety tailboard.

0645: Began sweep of work area in DG-8 surveying for nesting birds and other sensitive species.

0700: Crew begins clearing invasive weeds in work area DG-8. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-8.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-8.

1400: Crew cleans up work area and biologist conducts final sweep.

1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature





DG8_vegetation_removal_Before_facingN.jpg
-118.17140665555556 34.19288144444444



DG8_vegetation_clearing_FacingS.jpg
-118.17110017777779 34.19330894444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: May 11, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	100 %
End of Day	13:45	68 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight weeding in DG-4A. The crew used two weed whackers during weeding today.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, CAQU, CASJ, MODO, RCPA, SPTO, CALT, SOSPO, COYE, ATFL, HOFI, ANHU, CANG, YEWA, WIWA, BEWR, CATH, WEBL, KILL, NOMO, LEGO, California ground squirrel, CAKI, AMCR, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0640: Pre-construction bird survey.

0700: Monitor weeding crew, including use of two weed whackers.

1345: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230511-DG-4A_before_weeding_facingE.jpg
-118.17523636111112 34.19089619444444



photo_2-20230511-DG-4A_after_weeding_facingE.jpg
-118.17533833333334 34.19109017777774



photo_3-20230511-DG-4A_weed-whacking_facingSE.jpg
-118.17498486111111 34.19092118055556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 11, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:30	75 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, NAPA, HOFI, CORA, ANHU, CATH, ACWO, SPTO, CASJ, BUSH, AMRO, LEGO, COHA, BHGR, CLSW, NOMO, ATFL, MALL, KILL, PHAI, CAKI, EUST, BARS

Reptile: Side blotch lizard

Amphibian: none

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0615: Arrived on site.

0630: Met with Erik and crew for safety tailboard.

0645: Began sweep of work area in DG-8 surveying for nesting birds and other sensitive species.

0700: Crew begins clearing invasive weeds in work area DG-8. Main target species include erodium, poison hemlock, mustard, and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-8.

1200: Crew breaks for lunch.

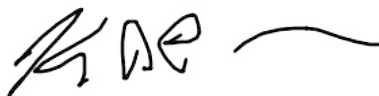
1400: Crew cleans up work area and biologist conducts final sweep.

1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature





DG8_vegetation_removal_before_facingS.jpg
-118.1710787388889 34.193335499999996



DG8_vegetation_removal_facingS.jpg
-118.17077173611112 34.19408330555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	50 °F	0-3 MPH	20 %
End of Day	14:30	75 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes, and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

SOSP, CALT, CAQU, NAPA, HOFI, CORA, ANHU, CATH, ACWO, SPTO, CASJ, BUSH, AMRO, LEGO, COHA, BHGR, CLSW, NOMO, ATFL, MALL, KILL, PHAI, CAKI, EUST, BARS, WAVI, WIWA, BUOR, SBMU, RTHA
Reptile: Side blotch lizard, Western fence lizard
Amphibian: none

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Biologist arrived on site.
0830: Erik and crew arrive for safety tailboard.
0845: Began sweep of work area in DG-8 surveying for nesting birds and other sensitive species.
0900: Crew begins clearing invasive weeds in work area DG-8. Main target species include erodium, poison hemlock, mustard, and non-native grasses.
1200: Crew breaks for lunch.
1400: Crew cleans up work area and biologist conducts final sweep.
1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature

Handwritten signature or initials in black ink, possibly reading "SRA" or similar.



DG8_vegetation_removal_before_facingN.jpg
-118.1703898888889 34.1943220277777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	63 °F	0-3 MPH	5 %
End of Day	14:20	84 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants using hand tools by five Natures Image (NI) crew and three Labor Finders (LF) crew, led by Genero. Some weed-whacking from 0950 to 1330.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, NUWO, SPTO, COYE, LAZB, WEBL, LEGO, SOSP, CASJ, RCPA, KILL, YEWA, CEDW, CALT, HOFI, NRWS, CANG, MALL ACWO, NOMO, BEWR, MODO, CORA, ANHU, BUSH, ALHU, CLSW, BTPI, CAKI, EUST, WBNU, AMRO, California ground squirrel, eastern fox squirrel, BHGR, CATH, BLPH, WAVI, western toad, western fence lizard, big-eared woodrat, GBHE, OATI, Cabbage White, AMGO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0648: Preparation.

0648-0710: Checked DG-4A Boulders for nests and sensitive species.

0715: Weeding begins with hand tools. Weed whacking added at 0950.

1330: Weed whacking ends. Clean-up continues until 1415.

1420: Log done.

Additional Comments

N/A

Signature





photo_1-20230512-DG4A-Boulders-lookingNW-start.jpg
-118.1750450000001 34.19074



photo_2-20230512-DG4A-Boulders-lookingNW-after.jpg
-118.17497833333334 34.19077333333333



photo_3-20230512-DG4A-Bouldrrs-lookingSE-after3hours.jpg
-118.17518000000001 34.19101666666666



photo_4-20230512-DG4A-Boulders-lookingSE-at_end.jpg
-118.17513333333333 34.19099

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: May 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:35	75 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Erik 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, CANG, RTHA, BUSH, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO, WIWA

Reptiles: Western fence lizard, side-blotch lizard

Mammals: Desert Cottontail, California Ground Squirrel

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 DG-1 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Part of crew returns to work weeding in DG-1 and the remaining crew begins work in DG-2A targeting non-native grasses, mustard, thistle, and poison hemlock on the slopes next to the main walking path.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1 and DG-2A.

1425: Crew stops work for the day.

Additional Comments

App would not allow me to rename second photo: Invasive_species_removal_DG-2A_facingSW

Signature

Handwritten scribble or signature.



Invasive_species_removal_DG-1_facingN.jpg



Invasive_species_removal_DG-2A_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: May 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:00	77 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of seven weeding in boulder field

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, CATH, BHGR, BEWR, SPTO, CANG, COYE, desert cottontail, KILL, CAQU, ACWO, SOSPO, RCPA, LEGO, WREN, CASJ, HOFI, AMRO, EUCD, HOOR, ANHU, CORA, WEBL, California ground squirrel, BGGN, MODO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0640: Trained new crew member.

0700: Pre-construction bird survey.

0730: Monitored weeding crew.

1330: Walked to south end of site to get photos of cowbirds.

1400: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230516-boulder_field_before_weeding_facingW.jpg
-118.1753126555556 34.1910919722222



photo_2-20230516-boulder_field_after_weeding_facingW.jpg
-118.17530969444445 34.1911003222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	13:57	75 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Landscape crew of 10 with Eric 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: California scrub jay, acorn woodpecker, bushtit, black headed grossbeak, Annas hummingbird, Bewicks wren, house finch, parakeet, american crow, Coopers hawk, California towhee, spotted towhee, cliff swallow, mallard, California quail, song sparrow, oak titmouse

Reptiles: side blotched lizard, western fence lizard, alligator lizard

Mammals: desert cotton tail, California ground squirrel, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0650: Two separate crews. One along trail at DG-2 and one at north side DG-1.

1000: Crew takes break from heat ~10minutes.

1145: Crew takes lunch.

1245: Crew starts weeding (mustard, nonnative grass).

1320: Crew showed me an area where a group of bunnies came from potential nest. Instructed to avoid area.

Bunnies were large enough to hop away easily.

1355: Crew wrapping up work putting away tools and putting weeds in dumpster.

Additional Comments

Dead Anna's hummingbird was unrelated to restoration crew activity

Signature





Non-native_plant_removal_DG2B.jpg
-118.17237633333333 34.188767444444444



Non-native_plant_removal_DG-1.jpg
-118.16973886944444 34.19494088888889



Dead_ANHU_DG-2_within_COHA_buffer.jpg
-118.17145143055556 34.19050918055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	14:30	85 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic Landscaping crew of nine plus Erik the 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:

BEWR, CALT, WAVI, SOSR, BHGR, MALL, CATH, SPTO, BUSH, LEGO, NUWO, CAQU, PSFL, ANHU, ACWO, HOFI, MODO, NOMO, CLSW, CAKI, CASJ, RTHA, CORA
Reptiles: side blotch lizard, Southern alligator lizard

Did You Observe any Non-Compliance Issues? Yes No

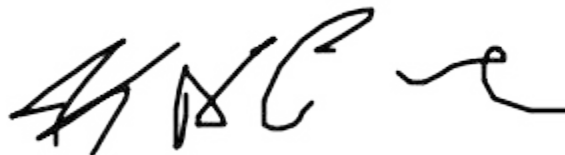
Log Entry

0630: Biologist arrived on site and met with Erik and crew for safety tailboard.
0645: Began sweep of work area in DG-8 and DG-2 surveying for nesting birds and other sensitive species.
0070: Crew splits in two groups and begin clearing invasive weeds in work area DG-2 and DG-8 .Main target species include erodium, poison hemlock, mustard, perennial pepper weed, tocalote, and non-native grasses.
0800: Crew finds a quail egg laying in an open area. Likely taken and dropped by a nest predator.
1200: Crew breaks for lunch.
1400: Crew cleans up work area and biologist conducts final sweep.
1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature





DG2_vegetation_removal_before_facingS.jpg
-118.17281087222223 34.18826077777778



DG2_vegetation_removal_facingSW.jpg
-118.17246399444446 34.18821011111111



Crew_pulling_weeds_by_hand.jpg
-118.16916637777778 34.19537969444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	13:35	86 °F	0-3 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Vegetation clearing (mostly of 3-6 foot poison hemlock, mustard, perennial pepperweed, sow thistle, and wild radish) with hand tools by three Natures Image (NI) and three Labor Finders (LF) crew, led by Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, BHGR, COYE, LEGO, SPTO, SOS, ANHU, CANG, MODO, NUWO, BUSH, CASJ, BARS, WIWA, CATH, CAQU, WAVI, NRWS, ACWO, numerous Checkered Whites, Western Tiger Swallowtail, CEDW, HOFI, CALT, ATFL, PSFL, desert cottontail, AMRO, NOMO, OATI, YEWA (male foraging in willow tree; not singing), big-eared woodrat nest, Lorquin's Admiral, WTSW, WEBL, western fence lizard, large dragonfly, EUST, RTHA, CAKI, California ground squirrel, Red Admiral, Duskywing Skipper species, Painted Lady, Blue species (small butterfly), BGGN, DEJU, AMGO, coast whiptail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0648: Preparation.

0648-0708: Checked DG-4A just west of Boulders for nests and sensitive species; none found.

0708: Weeding begins; working south from North end of the site.

1315: Weeding ends and clean-up begins.

1335: Log done.

Additional Comments

Slight haze to north and east.

Signature





photo_1-20230517-DG4A_West_of_Boulders-lookingSouth-begin.jpg
-118.1754766666667 34.19060833333333



photo_2-20230517-DG4A_West_of_Boulders-lookingSouth-end.jpg
-118.17550166666668 34.19063499999999



photo_3-20230517-DG4A_West_of_Boulders-lookingWest-end.jpg
-118.175465 34.19050833333333



photo_4-20230517-DG4A_West_of_Boulders-lookingNorth-end.jpg
-118.17561166666667 34.19049666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: May 18, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	13:30	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Edwardo acting foreman of crew of four plus Linda/Charlie on irrigation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, MODO, ACWO, CAQU, BEWR, AMCR, CALT, RCPA, YEWA, SPTO, BHGR, COYE, CSJA, LEGO, WAVI, WEBL, BUSH, LEGO, WTSW, RSHA, NUWO, ACWO

Did You Observe any Non-Compliance Issues? Yes No

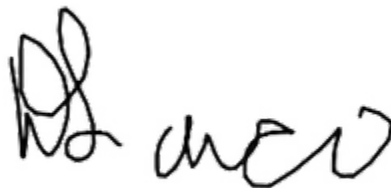
Log Entry

0630: Went to clear restoration area DG-4A (Center upper), looking for nesting activity, pre-weeding. All checks out, lots of bird song around in trees. Yellow warbler singing nearby. Crew comes in @0700. Red-tailed hawk flies in and perches above crew, very comfortable. Crew takes pics. Maybe bird is waiting for prey to be flushed by the crew. Flies off South with apparent mate, when she arrives. Flagged off west buffer of CALT_05. Nest not detectable but birds chipping as I approach the area. I walk around to check on nests. Few updates due to overgrown vegetation in nest areas. Nice native blooms in WOUS channels (photo 3) Crew hauls out first round of tarps @ 1045. Continue in same area until 0130. natives, willow stakes and planted plants look good.

Additional Comments

N/A

Signature





photo_1Pre-weeding_center_upperDG4A_facingS.jpg
-118.17549894444446 34.19059413055555



photo_2_RTHA_comfortable_with_weeding_crew.jpg
-118.17557391666666 34.19055673888889



photo_3Native_blooms_poppies_monkeyflower_phaceliaspp.jpg
-118.17427485 34.192265819444444



photo_4Post-weeding_center_upperDG4A_facingS.jpg
-118.17570958333334 34.19054363888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 18, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:44	55 °F	0-3 MPH	0 %
End of Day	14:01	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Crew of 10 from Gothic Landscape with Eric 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: Red tail hawk, common raven, acorn woodpecker, bushtit, mourning dove, Anna's hummingbird, California towhee, California quail, California scrub jay, house finch, Bewick's wren, Northern mockingbird, Nuttall's woodpecker, spotted towhee, parakeet, yellow warbler, black headed grosbeak, song sparrow, Allen's hummingbird, killdeer, turkey vulture, common raven, mallard, Northern rough winged swallow

Reptiles: western fence lizard, side blotched lizard, Southern alligator lizard

Amphibians: California toad

Mammals: fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0657: Crew split into two groups heading to work areas.

0710: Informed crew in DG-1 of poison oak near them.

0820: Checked in with crew in DG-W-1 along trail. Weeding plants encroaching trail and non-natives off of trail.

0935: Crew taking weeds to dumpster with truck.

1034: Crew at DG-1 weeding mustard and some grasses.

1145: Crew takes lunch break.

1225: Crew gets back to work.

1400: Crew wrapping up taking weeds to dumpster.

Additional Comments

N/A

Signature

Amah Trust



Weedingalongtrail_DG-W-1.jpg
-118.17078788055557 34.19148568055555



Crew_weeding_DG-W-2.jpg

-118.17080788888889 34.19149286944444



Crew_weeding_DG-1.jpg

-118.16908521111111 34.195342249999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: May 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:30	80 °F	7-9 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic Landscaping crew of nine plus Erik the 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:

BEWR, CALT, WAVI, SOSPO, BHGR, MALL, CATH, SPTO, BUTI, LEGO, NUWO, CAQU, PSFL, ANHU, ACWO, HOFI, MODO, NOMO, CLSW, CAKI, CASJ, RTHA, CORA, NAPA, COHA, BLPH
Reptiles: side blotch lizard, Southern alligator lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Biologist arrived on site and met with Erik and crew for safety tailboard.
0645: Began sweep of work area in DG-1 and DG-2 surveying for nesting birds and other sensitive species.
0700: Crew splits into two groups and begin clearing invasive weeds in work area DG-2 and DG-1. Main target species include erodium, poison hemlock, mustard, perennial pepper weed, tocalote, and non-native grasses.
1200: Crew breaks for lunch.
1400: Crew cleans up work area and biologist conducts final sweep.
1430: Biologist and crew depart site for the day.

Additional Comments

N/A

Signature





DG2_before_facingSouth.jpg
-118.17096111111111 34.191183249999995



DG2_before_facingNorth.jpg
-118.16882939166668 34.19551



DG1_vegetationremoval_facingSouth.jpg
-118.16882217222222 34.19551769444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: May 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	13:30	70 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Edwardo as foreman plus crew of six, Linda and Charlie on irrigation duty. Irrigation is challenging due to the overgrowth of vegetation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, RTHA, BHGR, MODO, COYE, SOSP, SPTI, BUSH, LEGO, YEWA, NRWS, CAKI, CANG, RCPA SOSP, RSHA, ACWO, WBNU, CSJA, ANHU, CATH, BEWR, EUST, OATI, BGGN, WREN, NUWO, DEJU, HOOR, ALHU, ANHU, PSFL, RUDU (pair), MALL (with 8 young and another with 2 teens), KILL, CLSW, WTSW

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Meet crew, walk to Center Upper DG-4A, where crew will continue to weed with hand tools. Clear for nesting activity. The crew arrives by 0700.

0730: Walk south to bridge. There are many yellow warbler singing, often from the oak trees above the restoration. Fairly high density I can hear at least three counter-singing within 100' of me in two locations. I found a fallen bushtit nest out of the restoration area with no young, and an active Nuttall's woodpecker nest. Crew will work in the same area till next week. After lunch, many individual birds and species were using the weeded area for foraging.

Additional Comments

Both red-shouldered hawk and red-tailed hawk are actively present on site. Are they nesting or just hunting on the area? Marine layer super thick this morning. Brown-headed cowbird trap is in with seven birds, three male and four female. There is a yellow warbler singing here.

Signature





Center_upper_DG-4A_facingSouthwest_pre-weeding.jpg
-118.17559519444445 34.190500899999996



Bushtit_nest_found_out_of_restoration_with_hawk_and_quail_feather_nest_lining.jpg
-118.17787071111111 34.187564511111106



Center_upper_DG4A_facingSouthwest_post-weeding.jpg
-118.1754687222222 34.190584099999995



same_area_post_weeding_facing_NE.jpg
-118.17552747222223 34.1903096

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	62 °F	0-3 MPH	100 %
End of Day	14:06	76 °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. Two crews (nine people total) plus Erik as crew lead working on different sides of the mitigation site.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: ACWO, CALT, HOOR, SPTO, BUSH, NOMO, OATI, BEWR, CAQU, KILL, WTSW, CASJ, CORA, HOFI, PHAI, SOSP, MODO, ANHU, BLPH, ATFL, NUWO, COHA, CLSW, MALL, BARS, EUST, RCPA, WIWA, BHGR, NRWS, LEGO, BGGN, RSHA, YEWA, COYE, WREN, RTHA
Reptiles: western fence lizard
Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Discussed work plan with the different crews. One crew is hand pulling weeds near the north entrance to the site (along DG-1) while the other crew works on weeding to the south by the main trail east of Johnson Field by the acorn woodpecker nest.

0845: Crew takes a break.

0915: Crew continues work weeding in the same areas. Discussed work plan for the week with Erik, who was responsible for turning on the irrigation today throughout DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work in same areas.

1405: Crew stops work for the day.

Additional Comments

N/A

Signature

Handwritten signature or scribble.



Vegetation_weeding_DG-1_facingS.jpg
-118.16872925277778 34.19569902777778



Vegetation_weeding_DG-1_facingN.jpg
-118.16910851944445 34.19521894444444



CALT_feeding_young_DG-1_facingW.jpg
-118.16852668055556 34.19650977777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: May 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:00	74 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of 10 weeding DG-4A (center upper field) with hand tools

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, ACWO, WEBL, BEWR, MODO, CAQU, CASJ, CATH, RTHA, RCPA, SPTO, COYE, CLSW, BHGR, NUWO, AMCR, BHCO, MALL, KILL, NOMO, NRWS, BUSH, HOFI, LEGO, YEWA, WAVI, PHAI, ANHU, HOOR, ECDO, BGGN, AMRO, EUST, BCHU, SOSPO, TUVU, CAKI, WTSW, DEJU, common side blotched lizard, western fence lizard, coyote, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard with crew.

0645: Performed a nesting bird survey in work area.

0710: Cleared crew to work. Monitored weeding in DG-4A; crew was targeting pepperweed in a recently planted area just south of Boulder.

0840: Found ECDO_01. No buffer because species is non-native.

1038: Found SOSPO_07. Put up a 50-foot buffer because I do not have an exact location on the nest.

1230: Found SPTO_01. Implemented a 35-foot buffer.

1345: Crew wrapped up for the day, finished weeding the entire field they were working in.

Additional Comments

N/A

Signature





photo_1-20230522-pre_weeding_facingSouth.jpg
-118.17560528888889 34.190411649999994



photo_2-20230522-post_weeding_facingSouth.jpg
-118.17561742777778 34.19042207222222



photo_3-20230522-weeded_area_facingNorth.jpg
-118.17575309444445 34.190214786111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: May 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:00	66 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of eight weeding in tire wash area.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, MODO, ALHU, EUST, coyote, CAQU, CASJ, SPTO, ANHU, BGGN, BEWR, WREN, RCPA, AMCR, NRWS, YEWA, SOSP, BUSH, california ground squirrel, COYE, BHGR, LEGO, NOMO, ACWO, CAKI, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew, drive to tire wash.

0650: Pre-construction bird survey.

0705: Monitor weeding crew in tire wash area.

1030: Crew finished weeding in tire wash area. Pre-construction bird survey in lower boulder field.

1050: Monitor weeding crew.

1400: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230523-tire_wash_before_weeding_facingNorthwest.jpg
-118.1781113888889 34.18660537777774



photo_2-20230523-tire_wash_after_weeding_facingNorthwest.jpg
-118.1781441666667 34.186571361111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	57 °F	0-3 MPH	100 %
End of Day	14:03	61 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Landscape crew of ten with Eric 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: Mallard, house finch, acorn woodpecker, Ann's hummingbird, spotted towhee, spotted towhee, Bewick's wren, black pheobe, California scrub jay, cliff swallow, Northern rough winged swallow, Northern mockingbird, common yellowthroat, lesser goldfinch, bushtit, black headed grossbeak, California quail, common raven, Cooper's hawk, song sparrow, California towhee

Mammals: fox squirrel, California ground squirrel

Reptiles: California king snake, California striped racer, western fence lizard

Amphibians: California toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Arrived on site. Some drizzling waiting for it to clear up.

0710: Crew splits into two groups heading to thier respective areas.

0750: Observed crew in DG-1 weeding. Lots of dodder in area. Plants weeded include mustard, storks bill, and some grasses.

0800: Crew uses truck to transport weeds to dumpster.

0850: Crew takes break.

0910: Observed California towhee bringing nest material to CALT_4.

0915: Crew returning to work.

1010: Crew alert biologist to California striped racer snake and earlier seen California king snake in area DG-W-1.

Racer snake relocated to a log away from direction crew is working.

1100: Crew weeding in DG-W-2 and along trail including mustard, milk thistle, and mugwort.

1145: Crew breaks for lunch.

1245: Crew gets back to respective weeding site (DG-1 & DG-1-W).

1335: Noticed lots of dodder choking out natives in DG-1. Crew member said last year they would pull it off the plants sometimes having to remove the whole plant.

1356: Crew bringing weeds to dumpster.

Additional Comments

N/A

Signature

Shirley Mart



DG-1_crew_weeding.jpg
-118.16874446111112 34.19568097222222



Racersnake_DG-W-1.jpg
-118.1711995888889 34.19098261111111



DG-W-2weeding.jpg

-118.17122136111112 34.19092068055555



DG-1weedremoval.jpg

-118.16871256944445 34.196061388888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	14:20	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native plants using hand tools by crew of six Natures Image (NI) and four Labor Finder (LF) employees supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, CAQU, CALT, COYE, YEWA, CASJ, LEGO, BEWR, BHGR, CATH, SPTO, RCPA, AMCR, MODO, ACWO, HOFI, WEWP, NRWS, NUWO, SOSP, WEBL, ATFL, BUSH, CLSW, OCWA, AMRO, California ground squirrel, PSFL, swift species, BARS, CORA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Preparation.

0650-0715: Checked south end DG-4A and low DG-4 sites southwest of Boulders for nests and sensitive species; none found. Noticed flagging of California quail nest on coyote den across low elevation portion to south.

0630-0905: Weeding crew waiting out light rain.

0905: Weeding begins.

0950-1015: Observed several round-trip flights by male Nuttall's woodpecker (NUWO) to dead willow trunk at west end of low DG-4 area, landing about 12 feet up. Other Nuttall's seen on tree at one point but did not see nest cavity.

1015-1200: Light rain pauses work.

1200-1220: Genero requests that tools be picked up, then wait for rain to stop before starting weeding again. Light rain continues, pausing work.

1353: Saw male NUWO carrying food in beak to dead willow. Made nest record NUWO-02 and flagged buffer of 35 feet.

1420 Log done.

Additional Comments

Light rain most of work day.

Signature





photo_1-20230524-DG4-Southwest_of_Boulders-lookingSouth-right-before.jpg
-118.17580333333333 34.190236666666664



photo_2-20230524-DG4-Southwest_of_Boulders-lookingSouth-right-after.jpg
-118.17579833333333 34.19025



photo_3-20230524-DG4-Southwest_of_Boulders-lookingSouth-right-before.jpg
-118.17574833333333 34.19022



photo_4-20230524-DG4-Southwest_of_Boulders-lookingSouth-right-after.jpg
-118.17574333333334 34.19020666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:50	55 °F	0-3 MPH	100 %
End of Day	10:31	55 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Landscape crew of ten with Eric 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: California scrub jay, black headed grosbeak, northern mocking bird, spotted towhee, California towhee, song sparrow, acorn woodpecker, mallard, barn swallow, cliff swallow, northern rough-winged swallow, house finch, California quail, american crow, common raven, acorn woodpecker, bushtit, Anna's hummingbird, Cooper hawk

Mammals: desert cotton tail

Amphibians: California toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Crew sharpening tools. Light drizzle trying to wait it out.

0710: Crew splits into two groups. One in DG-1 and the other half at DG-1-W.

0820: DG-1 plants in weed pile are mustard, bromus, and narrowleaf cottonrose.

0844: Still steadily drizzling. Crew takes break to wait out rain.

0938: Still light drizzle, but less than before so crew continues working.

1000: Rain increased. Crew is taking weeds to dumpster.

1020: Crew waits for Eric, crew lead.

1030: Crew heading out.

Additional Comments

N/A

Signature





Restoration_crew_weeding.jpg
-118.16852973888889 34.19599577777775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	55 °F	0-3 MPH	100 %
End of Day	14:15	65 °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. Two crews (nine people total) plus Erik as crew lead working on different sides of the mitigation site.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: HOOR, ACWO, BEWR, NOMO, SPTO, LEGO, RCPA, BUSH, CALT, CAQU, RTHA, BHGR, SOSP, ALHU, HOFI, CORA, CASJ, YEWA, COHA, BGGN, ANHU, HUVI, WREN, OATI, MALL, WIWA, CLSW, MODO, BARS, NRWS, PHAI, KILL, CAKI, CATH

Reptiles: western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan with the different crews; Erik arrived at 0700. One crew continues pulling weeds near the north entrance to the site (along DG-1) while the other crew works on weeding to the south by the main trail east of Johnson Field and along the DG-2 new channels.

0845: Crew takes a break.

0915: Crew continues work weeding in the same areas. Discussed work plan for the week with Erik, who was responsible for turning on the irrigation today throughout DG-2. He also worked on thinning and light trimming of mule fat along the pathways within DG-2 for easier access for the crews to haul out their tarps.

1200: Crew breaks for lunch.

1230: Crew returns to work in same areas.

1415: Crew stops work for the day.

Additional Comments

N/A

Signature





Bagging_vegetation_JohnsonFieldTrail_facingNE.jpg
-118.17138209166667 34.19079727777776



Weeding_alongDG-1_facingS.jpg
-118.168722125 34.19628530555556



Hemlock+Mustard_Removal_DG-2_facingE.jpg
-118.1715141388889 34.190767861111105

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	61 °F	0-3 MPH	100 %
End of Day	14:00	63 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native plants using hand tools by six Natures Image (NI) and four Labor Finder (LF) crew supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, BEWR, BHGR, LEGO, CAQU, NUWO, CALT, RCPA, CASJ, ANHU, MODO, ACWO, COYE, HOFI, NRWS, WREN, BUSH, HOOR, KILL, WTSW, SOSF, BARS, RSHA, OCWA, CORA, CATH, Cabbage White, ATFL CLSW, MALL, CAKI, RTHA, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Preparation.

0650-0700: Checked DG-4 and DG-4A sites in low area southwest of Boulders for nests and sensitive species.

Nothing new found.

0700: Weeding continues southward from yesterday's work.

0825: Observed Bewick's Wren carrying nesting material from west to east across work site but could not see where it went.

0955: Saw Spotted Towhee carrying food east to west about 200-feet north of work site but could not see where it landed because of the dense tangle of trees.

1315: Heard song sparrow singing from flagged area just south of work site.

1400: Noted that Pasadena Parks crew is doing weed-wacking just south of storage container and around it.

1400: NI weeding ends.

1400: Log done.

Additional Comments

N/A

Signature





photo_1-20230525-DG4-southwest_of_Boulders-right-lookingSouth-before.jpg
-118.1758766666667 34.1901816666666



photo_2-20230525-DG4_Southwest_of_Boulders-right-lookingSouth-after.jpg
-118.1758483333333 34.19016



photo_3-20230525-DG4__DG4A_Southwest_of_Boulders-right-lookingSouth-before.jpg
-118.17578333333334 34.19011999999999



photo_4-20230525-DG4__DG4A_southwest_of_Boulders-right-lookingSouth-after.jpg
-118.17577666666668 34.190129999999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: May 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	80 %
End of Day	12:00	66 °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. One crew (nine people total) plus Erik as crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: MALL, BEWR, NOMO, BUSH, ALHU, ANHU, AMCR, SPTO, CALT, COHA, SOSP, ACWO, OATI, HUVI, RCPA, BHGR, CAQU, NUWO, CASJ, COYE, YEWA, WTSW, WEBL, BGGN, BARS, YBCH

Reptiles: western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site.

0700: Discussed work plan with the different crews; Erik arrived at 0700. The whole crew focuses on pulling weeds (poison hemlock and mustard are targeted) by the main trail east of Johnson Field and along the DG-2 new channel area adjacent to the main hiking trail.

0730: Monitored Oak titmouse nest during the hemlock/mustard removal work adjacent to this nest buffer. The adult was observed bringing food to the nest during this work and was not bothered.

0845: Crew takes a break.

0915: Crew continues work weeding in the same areas. Erik worked on turning on the irrigation today throughout DG-2.

1200: Crew ends the day early and Erik leaves as well. No work is scheduled for Memorial Day (Monday, 5/29)

Additional Comments

N/A

Signature





Vegetation_weeding_alongDG-2_facingSouth.jpg
-118.17123060277778 34.19094580555555



Monitoring_OATI&COHA_Nests_facingSoutheast.jpg
-118.17160555555556 34.190769499999995



Weeding_progress_DG-2_facingSoutheast.jpg
-118.17186749444446 34.19088519444444



Vegetation_removal_facingNortheast.jpg
-118.17139381944445 34.19077247222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: May 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	65 %
End of Day	13:30	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of nine weeding in DG-4A and DG-4.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BHGR, BEWR, NOMO, SPTO, SOSP, MODO, COYE, LEGO, BUSH, YEWA, WTSW, CALT, WAVI, HOFI, NUWO, PSFL, ACWO, ANHU, BGGN, MALL, HOOR, CASJ, KILL, WEBL, RSHA, CATH, BCHU, CLSW, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting with crew.

0645: Performed a nesting bird survey.

0709: Cleared crew to work, monitored nonnative vegetation removal in DG-4A. The work area was the section of DG-4A with some tree cover in the center field; the area that flooded this season.

0830: Found nest BUSH_17. Moved two crew members to establish buffer.

0900: Crew started working through the adjacent field (DG-4A) to where they began the day. Spend time looking for exact location of nearby song sparrow nest, cannot find it- leaving point where it is.

1315: Crew wrapping up, inspected site.

Additional Comments

N/A

Signature





photo_1-20230526-pre_weeding_facingSoutheast.jpg
-118.17604304444446 34.190039999999996



photo_2-20230526-post_weeding_facingSoutheast.jpg
-118.17606496111111 34.19005108333333



photo_3-20230526-pre_weeding_facingSoutheast.jpg
-118.17594688888889 34.19004646111111



photo_4-20230526-post_weeding_facingSoutheast.jpg
-118.17580668333333 34.19003688055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: May 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	100 %
End of Day	14:45	69 °F	0-3 MPH	85 %

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 six plus Erik 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, CANG, RTHA, BUSH, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO, WIWA, PHAI

Reptiles: Western fence lizard, side-blotch lizard

Mammals: desert cottontail, California ground squirrel

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 DG-1 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1435: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_Species_Removal_DG-1_facingNorth.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	64 °F	0-3 MPH	100 %
End of Day	13:55	66 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native plants using hand tools by seven Natures Image (NI) and three Labor Finder (LF) crew supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, COYE, SOSP, YEWA singing, BUSH, CLSW, CORA, CATH, ANHU, WTSW, NUWO, CALT, CAQU, desert cottontail, BHGR, ACWO, CAKI, MODO, KILL, Cabage White, MALL, Painted Lady, ALHU, DCCO, NRWS, LEGO, NOMO, California ground squirrel, WEWP, WEBL, western toad, CASJ, RSHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0712: Checked DG-4A Southwest of Boulders in low area for nests and sensitive species; Yellow Warbler heard singing (already in Field Maps). Crew will work around nest buffer flags, avoiding disturbance.

0715-1330: Weeding proceeds.

1330-1355: Cleanup and break.

1355: Log done.

Additional Comments

N/A

Signature





photo_1-20230530-DG4A_Southwest_of_Boulders-lookingEastSoutheast-
after45min_80_sf_area_weeded_.jpg
-118.17580166666667 34.18998666666666



photo_2-20230530-DG4A_Southwest_of_Boulders-lookingSoutheast-at_end.jpg
-118.175775 34.189985



photo_3-20230530-DG4A_Southwest_of_Boulders-lookingSouth-after_1_hour.jpg
-118.1758050000001 34.18999499999996



photo_4-20230530-DG4A_Southwest_of_Boulders-lookingSoutheast_from_farther_South-at_end.jpg
-118.175745 34.1898466666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: May 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:50	61 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants using hand tools by six Natures Image (NI) and four Labor Finder (LF) crew supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COYE singing, MODO, desert cottontail, BHGR singing, SPTO singing, BEWR singing, YEWA singing, SOSP singing, HOFI, NUWO, WTSW, LEGO, Painted Lady, RCPA, BUSH, CATH, WEBL, CORA, CALT, CAQU, CASJ, NRWS, CAKI, California ground squirrel, ALHU, OATI, Cabbage White, Western Tiger Swallowtail, ATFL with large green hornworm.[Sphinx moth] (?) caterpillar in beak, Checkered White, CLSW, WEGU, MALL, RTHA, ACWO, WEWP, HOOR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650 Preparation. 0650-0715 Checked DG4A SW of Boulders for nests and special status species; Yellow Warbler singing from trees to southwest and west of work site (previously noted in Field Maps), but not near area to be weeded (at least 60 feet away). 0715-1400 Weeding proceeds. 1015 onward-SOSPs heard in and near nest buffer next to work site. 1035 In willow tree at north end of low area, saw adult WEBL feed young WEBL which was capable of flying. No nest seen. 1045 Adult BHGR carrying food seen about 175 feet south of storage container in elderberry within BHGR nest buffer previously described in Field Maps. 1325 WEBL feeding area (nest?) with at least 3 fledglings noticed in black willow west of work site. 1335-1415 Put data into Field Maps as WEBL-02 with 35 foot buffer. It is within already flagged buffers, no additional flagging required. 1450 Log done.

Additional Comments

N/A

Signature





photo_1-20230531-DG4A_Southwest_of_Boulders-right-lookingSouthwest-before.jpg
-118.17571666666667 34.18967833333333



photo_2-20230531-DG4A_Southwest_of_Boulders-lookingSouth-before.jpg
-118.17570500000001 34.189654999999995



photo_3-20230531-DG4A_Southwest_of_Boulders-right-lookingSouthwest-after.jpg
-118.17574166666667 34.18966833333333



photo_4-20230531-DG4A_Southwest_of_Boulders-lookingSouth-after.jpg
-118.17571333333333 34.18968666666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: May 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	54 °F	0-3 MPH	100 %
End of Day	14:25	58 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Crew of 10 from Gothic Landscape with Eric 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: California scrub jay, spotted towhee, northern rough winged swallow, bushtit, Northern mockingbird, violet green swallow, Anna's hummingbird, California towhee, phainopepla, barn swallow, common raven, California quail, house finch, lesser goldfinch, house wren, Bewick's wren, mourning dove, killdeer, acorn woodpecker, song sparrow
Mammals: desert rabbit, fox squirrel, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew getting supplies from truck and heading to DG-1.

0740: DG-1 weeding includes mustard, tocalote, and dodder (which is choking out other natives).

0800: Crew taking weeds to dumpster with truck.

0840: Crew takes 15 minute break.

1130: Hiker notified us of dead king snake on trail. Showed biologist photos and it was cut in half.

1140: Subcontractors from the city of Pasadena clearing some weeds with power tools around picknick table before DG-East trail 3.

1145: Crew takes lunch.

1330: Crew transporting cleared vegetation to truck.

Additional Comments

N/A

Signature





DG-1weeding.jpg
-118.16813155 34.19712825



Vegetation_cleared_DG-1.jpg
-118.16819126944445 34.197057666666666



Cleared_vegetation_transport_to_truck.jpg
-118.1681836 34.19713333333333



Pasadena_subcontractor_vehicle_DG-East-trail3.jpg
-118.17081546111112 34.19310691666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	11:40	60 °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. One crew (nine people total) plus Erik 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, CASJ, CAQU, ACWO, ANHU, LEGO, BHGR, BLPH, NRWS, HOOR, BUSH, BEWR, CORA, OCWA, KILL, SPTO, RWBL, HOFI, NOMO, VGSW, BARS, PHAI, ALHU, MALL, NUWO, CATH, OATI, ATFL

Reptiles: western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan with the crew; Erik arrived at 0700. The whole crew focuses on pulling weeds (poison hemlock and mustard are primarily targeted) by the main trail along the DG-1 area adjacent to the main hiking trail road and proceed northward to the mitigation site limits.

0715: Erik focuses on trimming pathways for crew access in the heart of the mitigation site within DG-2 and the WOUS trails.

0840: Crew takes a break.

0915: Crew continues work weeding in the same areas. Erik continued to work within the DG-2 area.

1130: Crew ended the workday early because of increasing mist and light rain.

Additional Comments

Work ended early due to increasing mist and light rain.

Signature





Weeding_DG-1_slopes_facingSouth.jpg
-118.16823936944445 34.19760786111111



Weeding_progress_DG-1_facingEast.jpg
-118.16826923055557 34.19736777777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 1, 2023

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

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of nine weeding in DG-4

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAQU, CALT, CASJ, MODO, desert cottontail, SOSF, BHGR, COYE, SPTO, YEWA, WEWP, CATH, WEBL, RCPA, KILL, MALL, WREN, BEWR, BUSH, ATFL, PSFL, ALHU, NRWS, CAKI, ACWO, ANHU, California ground squirrel, BGGN

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepping with crew.

0645: Pre-construction bird survey.

0730: Monitor weeding crew.

1345: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230601-DG-4_before_weeding_facingW.jpg
-118.17578994444445 34.18959429722222



photo_2-20230601-DG-4_after_weeding.jpg
-118.17585494444445 34.189628638888884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael walsh
Company: Stillwater
Date of Log: June 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	13:45	69 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding DG-4A, hand tools

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, WEBL, CAKI, ACWO, CAQU, RCPA, MODO, CATH, BHGR, SOSP, COYE, MALL, MODO, NRWS, KILL, BGGN, CALT, ALHU, CLSW, VGSW, YEWA, COHA, AMCR, LEGO, CAGU, WTSW, ANHU, GBHE, CASJ, RTHA, CORA, BLPH, WAVI, NOMO, OATI, PSFL, desert cottontail, western fence lizard, California ground squirrel, fox squirrel, western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew to discuss plan for day.

0640: Surveyed work area.

0700: Cleared crew to work in a section of DG-4A/DG-4 south of the boulder field. Crew at south end near song sparrow buffer weeding Rumex crispus.

0800: Wrapping up area, start to survey a second site that is the southeast side of the primrose field.

0815: A few crew members begin moving over to this area.

0855: Find YEWA_01 nest; crew was working roughly 130-feet to east. Implement 150-foot buffer, which puts the second site of the day out of bounds. Go to a third site, the DG-4A section near the trail, survey that.

0925: Clear crew to move to primrose near the trail. Monitor weeding. Primary targets are mustard, Conium, and Carduus.

1100: Pre-sweep the southernmost field, estimating crew will get there in a few days. Find an inactive nest (likely SOSP) with eggs in it, looks failed due to condition and inactivity. Logged in collector with a note to check before weeding. It appears that the weeds tipped over from excess weight after going to seed and left the nest (in a willow stake) exposed. Found a lead for a new song sparrow (guessing same pair) nest 100-feet north, could not locate though. Pair active and noisy, but no definitive signs of nesting. Logged as a potential nest that requires follow up.

1330: Crew wrapping up, inspected site.

Additional Comments

First newly spawned toadlets of the season observed on the side slope.

Signature

AKWHA



photo_1-20230602-pre_weeding_facingSouthwest.jpg
-118.17585302777778 34.18958877777777



photo_2-20230602-post_weeding_facingSouthwest.jpg
-118.17587130555556 34.18959443333333



photo_3-20230602-pre_weeding_facingEast.jpg
-118.17699633333334 34.190698452777774



photo_4-20230602-post_weeding_facingEast.jpg
-118.17701025000001 34.19070653611111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	55 °F	0-3 MPH	100 %
End of Day	13:31	66 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Lanscape crew of 10 with Eric 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: Acorn woodpecker, black-headed grosbeak, California quail, Anna's hummingbird, California scrub jay, California towhee, house finch, cliff swallow, mourning dove, bushtit, lesser goldfinch, northern rough-winged swallow, violet green swallow, common raven, northern mockingbird, killdeer, California thrasher, barn swallow, turkey vulture, mallard, red-winged blackbird, hooded oriole, Say's phoebe, Coopers hawk
Mammals: coyote, California ground squirrel, desert cottontail,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew getting tools and heading over to DG-1 for vegetation removal.

0750: DG-1 vegetation cleared includes mustard and dodder. Some natives cleared due to being completely covered in dodder.

0930: Crew loading cleared vegetation from DG-1.

1145: Crew takes lunch.

1230: Eric left early. Johnathan and Christian are in charge.

1320: Crew wrapping up work to leave.

Additional Comments

N/A

Signature





Weeds_pulled_and_tarped.jpg
-118.16817876944445 34.197865861111104



Loading_cleared_vegetation_DG-1.jpg
-118.16802981944446 34.197218416666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	13:30	58 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image, Genero foreman and crew of six.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CALT, MODO, CAQU, EUCD, COYE, AMRO, SOSP, CATH, BHGR, RCPA, BGGN, OCWA, SPTO, BEWR, HOFI, ACWO, HOOR, LEGO, BUSH, YEWA, WREN, NUWO, COYE, WAVI, WBNU, AMRO, CSJA. BHCO in trap (7 and 2 CALT)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met with crew to discuss plans to weed primrose for the day. I check area for nesting activity. It is full of invasive thistle. The crew does not start weeding in the mist, having concerns of getting wet and sick. I check nests throughout the south side. Crew starts at 9:00 removing dense grass and invasives. The plantings look good. BGGN_02 nest has been destroyed. The pair goes back and forth, female gathering material even from the old nest, male follows her. The mist gets really heavy after lunch. Cooper's Hawk nest may be inactive. No birds detected in the stand or evidence if nestlings (pluck post, whitewash, birds). This nest may be an alternate to the active site east of the reservoir (same pair)? A small group of California gulls was using the reservoir today, and the tiny toads were abundant on the slope. Monitored weeding in the afternoon for 1 hour.

Additional Comments

The afternoon heavy mist wetted the vegetation and it was not conducive for weeding. Crew picked up at 0130 for the day.

Signature





North_primrose_pre-weed_facingEast.jpg
-118.17704580555557 34.190722916666665



CreeperSpecies_invasive_under_mature_forest_canopyDG4.jpg
-118.17735415 34.188148916666666



North_primrose_post-weed_facingEast.jpg
-118.1771155 34.19073697222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 5, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	13:00	59 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal and clearing watering basins.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of nine plus Erik.

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: Mallard, Northern Rough-winged Swallow, California Quail, California Scrub Jay, California Towhee, Lesser Goldfinch, Black-headed Grosbeak, Acorn Woodpecker, Common Raven, Anna's Hummingbird, Cooper's Hawk, Common Yellowthroat, California Thrasher, Bewick's Wren, Red-crowned Parrot, Mourning Dove, Song Sparrow, Spotted Towhee, Killdeer, Red-tailed Hawk, House Finch, Barn Swallow

Mammals: Audubon's Cottontail, Fox Squirrel

Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site; a heavy drizzle was persistent and crew chose to wait and see if it would lighten up/stop before working.

0730: Drizzle became more inconsistent, and crew began work on DG-2.

1145: Crew broke for lunch.

1300: Crew decided to call work early as the rain picked up again following lunch.

Additional Comments

Some of the midsection of DG-2 has experienced substantial hemlock growth and bolting. Weeding much of this area presents a challenge as much of the hemlock is growing within dense native cover and by treading in and pulling will compromise much of the native growth as well as be difficult to assess nesting given the high density of the vegetation. Crew has been advised to only weed what is accessible without crushing significant native vegetation or treading through dense, potentially nested-in areas.

Signature



Weeding_and_removing_dead_branches_DG-2.jpg
-118.1720015277778 34.1908276527778



Heavy_drizzle_on_site.jpg
-118.17032088333333 34.19261069444444



Explosive_hemlock_growth_DG-2.jpg
-118.17217714444445 34.19020602777776



Crew_weeding_and_clearing_basins_DG-2.jpg
-118.17225953333333 34.18998119444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	01:30	61 °F	4-6 MPH	85 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image, Genero is foreman, seven crew members. Ed and Carlos on 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:

CALT, CAQU, MODO, CATH, SPTO, AMCR, CORA, SOS, BHGR, HOOR, ACWO, BGGN, RCPA, COYE, WTSW, NRWS, WREN, BUSH, CSJA, NUWO, ANHU, MODO, LEGO, DCCO, OCWA, KILL, CLSW, NRWS, MALL and seven ducklings, two RUDU still hanging around. California treefrogs and Western toadlets. RTHA pair soaring high.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met with Genero, and checked nesting activity days weeding area, North primrose DG-4A. All clear.
0730: Walked through lower site checking nests, removing old flags. OC parks crew doing valuable weeding across the path to hinder invasive seed spread to restoration. Lots of fledgling calls: CALT, SOS, BEWR, WBNU. Removed buffer flags for nest SOSP_01. Birds have fledged. Native primrose and horseweed looking robust here. Saw male make one green caterpillar food delivery YEWA_01. Nice find Mike! 12" alligator lizard in weeding area.
1300: Check status of more nests. Removed buffer flags BEWR_01, no activity, likely fledged. Male singing 50' north. Removed buffer flags from BHGR_01. Found empty nest 4.5' in sambucus and heard fledgling weeee in area with parents. CALT_04 nest likely fledged, fledgling calls in area with parents. Lots of great weeding progress south today.

Additional Comments

full cloud cover but no soaking mist this morning. Sun breaks in the afternoon!

Signature





Pre_weeding_primrose_lookingSouth.jpg
-118.1769327777778 34.19067926111111



parks_personnel_weeding_adjacent_to_Primrose_restoration.jpg
-118.1772507777779 34.189957961111105



California_tree_frog.jpg



Post_weeding_primrose_lookingSouth.jpg
-118.1768652777778 34.19075063888886

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	4-6 MPH	100 %
End of Day	14:30	66 °F	7-9 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Exotic and invasive weed removal.
2. Hand tools (hoes, shovels, rakes) and hand pulling.
3. Gothic Landscape crew of nine plus Erik.

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: Acorn Woodpecker, Northern Rough-winged Swallow, California Towhee, Spotted Towhee, Northern Mockingbird, Black-headed Grosbeak, California Quail, Wrentit, Bewick's Wren, Common Raven, Nuttall's Woodpecker, Black Phoebe, Anna's Hummingbird, Cooper's Hawk, Song Sparrow, California Thrasher, Red-tailed Hawk, Bushtit, California Scrub Jay, Ash-throated Flycatcher
Mammals: Fox Squirrel, Audubon's Cottontail, Pocket Gopher, Coyote, Beechey Ground Squirrel
Herps: Western Fence Lizard, Side-blotched Lizard, Western Yellow-bellied Racer

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0845: Crew broke for break.

1145: Crew broke for lunch. Worked entirety of day in DG-2 focusing on hemlock removal.

Additional Comments

N/A

Signature





Weeded_section_DG-2.jpg
-118.1722604555556 34.19005963888888



Hemlock_being_taken_for_disposal.jpg
-118.17208908333333 34.18977208333333



Weeded_section_DG-2(2).jpg
-118.17212306944445 34.19009341666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: June 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:00	66 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, ECDO, MODO, BEWR, NOMO, CAQU, SOSP, CASJ, HOOR, CATH, RCPA, COYE, BHGR, SPTO, LEGO, CALT, ACWO, BUSH, RTHA, OATI, ANHU, WREN, OCWA, YEWA, PUF1, AMCR, NRWS, BARS, WTSW, PSFL, WAVI, CORA, ANHU, MALL, KILL, GBHE, CLSW, RUDU, unidentified fish (see notes), BGGN, DEJU, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting with crew.

0645: Surveyed work area.

0700: Cleared crew to weed in DG-4A (the part next to the perimeter trail). Primary target was Mustard, with some mixed pepperweed and Italian thistle.

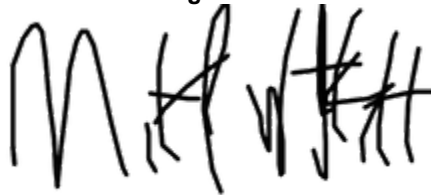
0900: Checked nearby nests, removed old flagging. Observed a fish jump above the water in the reservoir; it was 5 plus inches in length and got about half a foot into the air. This is the first real evidence of fish (excluding mosquitofish) I have ever observed in the reservoir.

1345: Crew wrapping up, inspected site.

Additional Comments

N/A

Signature





photo_1-20230607-pre_weeding_facingSouth.jpg
-118.17675420555555 34.19038848333333



photo_2-20230607-post_weeding_facingSouth.jpg
-118.17673630555556 34.190394238888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	54 °F	0-3 MPH	100 %
End of Day	14:04	62 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic landscaping crew of ten with Eric crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California scrub jay, acorn woodpecker, house finch, California quail, black headed grosbeak, song sparrow, spotted towhee, California towhee, killdeer, Allen's hummingbird, Bewick's wren, Nuttall's woodpecker, common raven, great blue heron, turkey vulture, bushtit, yellow breasted chat, double crested cormorant, mourning dove, Cassin's kingbird, lesser goldfinch, red-tailed hawk, Cooper's hawk, american crow, barn swallow

Mammals: California ground squirrel, desert rabbit, fox squirrel

Amphibians: California toad,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0650: Crew preparing truck for the day and head out to DG-2.

0800: Crew transporting cleared vegetation with tarps to truck.

0830: Monitored ACWO_01. Still active chicks heard from nest cavity with regular visitation from adults.

1030: Crew transporting cleared vegetation with tarps to truck.

1357: Crew putting away tools.

Additional Comments

N/A

Signature





DG-2_prior_to_vegetation_removal.jpg
-118.17195194444444 34.190386238888884



DG-2_post_vegetation_removal.jpg
-118.17197493055556 34.19040305555555



DG-2_hemlock_cleared.jpg
-118.17199880000001 34.19081469444444



DG-2_potential_planting_area.jpg
-118.1717070888889 34.19052755555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: June 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	59 °F	0-3 MPH	100 %
End of Day	14:45	67 °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 eight plus Erik 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, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TURK, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NUWO, CATH, DCCO, WIWA

Reptiles: Western fence lizard, side-blotch lizard

Mammals: Desert Cottontail, California Ground Squirrel

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 DG-2 with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-2

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1435: Crew stops work for the day.

Additional Comments

Unable to rename photo: Invasive_species_removal_DG-2_facingW Added potential planting area polygon and photos to Field Maps.

Signature

~~KAG~~



Invasive_species_removal_DG-2_facingWest.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: June 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	25 %
End of Day	14:15	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image (NI) regular crew of eleven weeding DG-4A

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WEWP, AMRO, NOMO, CATH, NUWO, BHGR, BEWR, COYE, MODO, NRWS, SOSP, SPTO, YEWA, WREN, CASJ, CALT, CAKI, AMCR, OATI, DEJU, ACWO, ECDO, LEGO, ATFL, WTSW, RSHA, RCPA, ANHU, HOOR, RTHA, BGGN, KILL, CLSW, BARS, MALL, RUDU, MALL (domesticated), BLPH, CORA, CAQU, BUOR, WAVI, HOFI, PHAI, EUST, COHA, WEBL, OCWA, ALHU, BHCO, CANG, BCHU, PSFL, HUVI, desert cottontail, California ground squirrel, Western fence lizard, coyote, coastal whiptail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting with crew.

0645: Performed a nesting bird survey.

0655: Cleared crew to work. Found BEWR_05, implemented 30-foot buffer. Crew was in the same parcel of DG-4A as yesterday, the field adjacent to the trail. Work progressed south, primary targets were mustard and Conium.

1245: Found CALT_09 and YEWA_02 (inactive). Implemented a 45-foot buffer for CALT nest.

1330: Found BGGN_03. Implemented a 75-foot buffer.

1400: Crew wrapping up, inspected site.

Additional Comments

YEWA nest considered inactive because all chicks were flying around in a shrub/out of the nest already; this decision was made in coordination with Lauren Simpson. "Nest" located over 300 feet from crew.

Signature





photo_1-20230608-pre_weeding_facingWest.jpg
-118.1769110277778 34.19016613888884



photo_2-20230608-post_weeding_facingWest.jpg
-118.17682780555556 34.19005256388884

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:00	67 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, ACWO, MODO, CAQU, desert cottontail, CASJ, SOSP, CALT, WREN, RCPA, COYE, SPTO, YEWA, COHA, LEGO, AMRO, BEWR, ANHU, BGGN, California ground squirrel, western toad, CANG, HOFI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0645: Pre-construction bird survey.

0720: Monitor weeding crew.

1030: Pre-construction bird survey in the next weeding area.

1050: Monitor weeding crew.

1345: Crew wrapped up.

1400: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20230609-DG-4A_before_weeding_facingEast.jpg
-118.17725713888889 34.1898985



photo_2-20230609-DG-4A_after_weeding_facingEast.jpg
-118.17729111111112 34.18991658333333



photo_3-20230609-DG-4A_before_weeding_facingEast.jpg
-118.17753158333333 34.18901889722222



photo_4-20230609-DG-4A_after_weeding_facingEast.jpg
-118.17749691666667 34.18900836111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	56 °F	0-3 MPH	100 %
End of Day	13:44	62 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Landscape crew of nine with Eric 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: California scrub jay, acorn woodpecker, California towhee, spotted towhee, song sparrow, black headed grosbeak, Anna's hummingbird, California quail, house finch, bushtit, common raven, mourning dove, Bewick's wren, house wren, hooded oriole, phainopepla, Cassin's kingbird, Cooper's hawk, turkey vulture, lesser goldfinch,
Mammals: desert rabbit, California ground squirrel
Reptiles: rattlesnake

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew getting ready.
0700: Crew heading to DG-2 for weed removal.
0720: Majority of vegetation being cleared is hemlock.
0920: Crew takes removed vegetation to truck.
1145: Crew takes lunch.
1330: Crew wrapping up work.

Additional Comments

Third photo is not the same area as first photo because I could not remember the first photo location.

Signature





DG-2_pre_vegetation_removal.jpg
-118.17250773055557 34.190232099999996



DG-2_Vegetation_removed.jpg
-118.17222991666667 34.18997011111111



After_vegetation_removal.jpg
-118.1724856666667 34.19040776111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: June 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	15:00	70 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

CALT, YEWA, YBCH, HOFI, CATH, WREN, NRWS, SOSP, SPTO, CASJ, AMCR, BUSH, BHGR, ACWO, CAQU, ANHU, LEGO, BLPH, PSFL, COHA

Amphibians: Western toads (many juveniles)

Mammals: cottontail rabbit

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site and conducted pre activity clearance sweep.

0730: Met with crew for morning safety tailboard and work plan.

0800: Crew began clearing hemlock in DG-2.

1200: Crew breaks for lunch.

1230: Crew resumes hemlock removal in DG-2.

1430: Crew begins putting tools away and biologist conducts a final sweep of work area.

1500: Crew and biologist depart the site for the day.

Additional Comments

N/A

Signature





DG2_hemlock_removal_before_facingSouth.jpg
-118.17238965833334 34.19050733333333



DG2_hemlock_removal_facingSouth.jpg
-118.17243351944445 34.19050051666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 12, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	13:45	62 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image (NI) Genero and Edwardo foremen. Crew of seven.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

DOWO, ACWO, NUWO, BHGR, BEWR, SOSF, CALT, SPTO, YEWA nest, BUSH, BHGR, MODO, CAQU, HOOR, ECDO, CASJ, ALHU, WAVI, HUVI, WEWP, PSFL, AMRO, OATI, COYE, RCPA, NRWS, CORA, alligator lizard, tiny Western toads. COHA, AMRO, BARS, NRWS, RUDU, CANG, MALL, BLPH, BHCO (heard from trap)

Did You Observe any Non-Compliance Issues? Yes No

Log Entry


0630: Walked to sweep the southernmost clearing intended for weeding. Found a yellow warbler nest, surveyed a different work area.

0700: Crew continued in Primrose. Pulled blue-gray gnatcatcher buffer flagging as it was destroyed. Crew continues in this area west. Lots of fledgling activity, California scrub-jay, song sparrow, California towhee, oak titmouse, Western bluebird, bushtit back in big family groups. All using freshly weeded area for foraging for grubs. Stay here till lunch, California deer mouse uncovered in restoration area. Continue here after lunch through end of the day. I check the area North along the edge where the crew will move tomorrow. Hundreds of western toads moving across the site. Many squished on the pavement/path by people, horses, vehicles.

Additional Comments

The size of the buffer implemented for the Yellow Warbler nest was decided in coordination with Lauren Simpson.

Signature





Primrose_weeding.jpg

-118.17714555555555 34.19054978888889



YEWA_03_Female_in_nest_Photo_taken_through_binoculars.jpg



Birds_using_weeded_areas_for_foraging.jpg
-118.17686603888889 34.19075701944444



hundreds_of_toadlets_cross_the_road.jpg
-118.17745678888889 34.18646456111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	13:30	66 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image (NI) Edwardo foreman and crew of six. Tatiana and Genero on irrigation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, ACWO, SOSP, COYE, CALT, MODO, ECDO, AMRO, DEJU, SPTO, YEWA, BUSH, CSJA, CAQU, CAKI, OATI, AMCR, BHGR, HOOR, HOFI, BEWR, NUWO, LEGO, hundreds of western toadlets but not as many moving across the pavement this morning, WREN, WTSW, BARS, HUVI, BHCO in trap (7 female/3 male), TUVU, BLPH, RCPA, MALL, RUDU (3), BLPH, KILL, CLSW, NRSW, DCCO, ALHU, ATFL, PSFL, CAKI, EUST, four PHAI showed up. CORA, RTHA, RSHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Checked area for nesting activity along public pathway, north of primrose, where crew will be weeding. Lots of fledglings out, California scrub-jay, Bewick's wren, bushtit, Western bluebird, California towhee.

0700: Crew starts, avoiding large native stands of stinging nettle, and hundreds of tiny toadlets. Walk Sout to check site. Update YEWA_03, who are feeding young. Conservatively count at least five singing males and three smacky chipping individuals from reservoir North to parking area, majority in the mature deciduous stand south, but some in oaks too. After lunch the crew continues North along the pathway.

Additional Comments

someone's pet cockatiel has been in the parking lot/NI staging area for two days. Called Pasadena and LA Audubon. Educating public about western toads while monitoring weeding area along the public path. One woman says she remembers only three major toad migrations, 2022, 2023 and a good rain year pre-reconstruction of the reservoir.

Signature





Pre-weeding_edge_of_invasive_thistle_and_mustard.jpg
-118.17698580555556 34.190886461111106



post_weeding_small_section_above.jpg
-118.17694819444445 34.19090311944444



Restoration_area.jpg

-118.17671116666668 34.191266211111106



post_weeding_along_public_path.jpg

-118.17672250000001 34.191268027777774

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	14:30	72 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

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: black-headed grosbeak, California quail, Bewick's wren, California scrub jay, house finch, California Towhee, Northern rough-winged swallow, red-crowned parrot, spotted towhee, Nuttall's woodpecker, common raven, acorn woodpecker, bushtit, blue-grey gnatcatcher, Cooper's hawk, Allen's hummingbird, Northern mockingbird, song sparrow, lesser goldfinch, American crow, Western Bluebird
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Toad,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0845: Crew broke for break

1145: Crew broke for lunch All day - Crew weeding Hemlock from the North portion of DG-2.

Additional Comments

An abundance of juvenile and adult Western Toads are active over the entirety of the site; crew has been advised to be cautious where they are stepping to avoid unnecessary toad casualties.

Signature





Adult_Western_Toad.jpg
-118.1723852666667 34.19016152777775



Crews_weeding_upper_edge_of_DG-2.jpg
-118.1721107777779 34.19087399999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: June 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:00	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants using hand tools by six Nature's Image (NI) and three Labor Finders (LF) crew supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, CALT, multiple young western toads, BEWR, AMRO, RSHA, YEWA, ACWO, NUWO, BHGR, MODO, AMCR, BUSH, RCPA, SPTO, MALL, OATI, NRWS, HOFI, AMGO, LEGO, SOSPO, CATH, COHA, DEJU, HOOR, escaped or released Cockatiel (mostly white), California ground squirrel, CAQU, CLSW, WAVI, TUVU, GBHE, brush rabbit, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0653: Preparation.

0653-0721: Checked DG-4 across public walking path from Park porta-potties for nests and special status species; none found.

0725-1340: Weeding proceeds; working northward.

0750: Discovered apparent Bushtit nest about 22 feet up in hard-to-access willow 40 feet East/Northeast of work.

0958: Determined it was not a Bushtit nest or is an inactive nest because no Bushtit activity there in last 2 hours. It is probably just a hanging accumulation of willow fluff.

1300: In 10-foot-tall poison hemlock stand at eastern edge of weeding, small nest on ground found with broken small blue speckled egg nearby. The only birds in the area were California towhee pair.

1310-1350: Recorded nest in Field Maps and flagged area with 35-foot buffer.

1400: Log done.

Additional Comments

N/A

Signature





photo_1-20230614-DG4_just_North_of_Primrose_looking_East_before.jpg
-118.17667333333334 34.19129833333333



photo_2-20230614-DG4_spot1_lookingEast_after.jpg
-118.17645 34.19150666666666



photo_3-20230614-DG4_spot2_fartherNorth_lookingEast_after.jpg
-118.17633166666667 34.19165666666667



photo_4-20230614_DG4_spot3_even_farther_North__looking_East_after.jpg
-118.17615 34.19186333333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:40	55 °F	0-3 MPH	100 %
End of Day	14:10	62 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothic Landscape crew of 10 with Eric 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: CAQU, BHGR, CASJ, SPTO, CALT, SOSP, ALHU, CORA, COHA, ACWO, HOFI, ANHU, BUSH, KILL, TUVU, MALL, MUDU, LEGO, NOMO, BEWR, NRWS, MODO, CLSW

Mammals: desert rabbit

Reptiles: rattlesnake, western fence lizard

Amphibians: western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew waiting for everyone to arrive and discussing the day's plans for weeding in DG-2.

0800: Truck being used to transport cleared vegetation to dumpster.

0820: Cleared vegetation mostly consists of poison hemlock.

1000: Western toads see all around site, on average the size of quarter.

1125: ACWO_01 still active, young heard making small chips from nest cavity.

1145: Crew takes lunch.

1245: Crew heads back out to DG-2.

1315: Worker points out snake in weeding area. Snake retreats to burrow. Biologist saw tail as it slithered away.

Appeared harmless, no rattle present. Instructed crew to continue and leave area alone.

1400: Crew wrapping up work.

Additional Comments

N/A

Signature

Amal Kumar



DG_2_pre_vegetation_removal.jpg
-118.1724026 34.19087383333333



DG_2_post_vegetation_removal.jpg
-118.17238461944444 34.190851261111106

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	100 %
End of Day	14:00	66 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, AMRO, CAQU, CALT, MODO, SPTO, EUCD, BLPH, YEWA, SOSP, WREN, Western toad, California ground squirrel, CATH, BHGR, CASJ, RCPA, BUSH, BEWR, NOMO, HOFI, RTHA, desert cottontail, CAKI, NRWS, BGGN

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew, wait for rain to pass.

0950: Pre-construction bird survey.

1020: Monitor weeding crew. Crew pulled weeds by hand instead of using tools because there are dozens of toads on the ground in this area.

1330: Discovered new California towhee nest and set up no-work buffer.

1345: Crew wrapped up.

1400: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20230615_DG-4_before_weeding_facingSouth.jpg
-118.17603208333334 34.1919



photo_2-20230615_DG-4_after_weeding_facingSouth.jpg
-118.1760276388889 34.19189881666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kipp Marzullo
Company: ICF
Date of Log: June 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	10:00	65 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Manual removal of invasive weeds and irrigation maintenance.
2. Hand tools including rakes, hoes and tarps.
3. Gothic landscaping crew of nine plus Erik the 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:

CALT, HOFI, CATH, WREN, NRWS, SOSP, SPTO, CASJ, AMCR, BHGR, ACWO, CAQU, LEGO, BLPH, PSFL, ANHU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site and conducted pre activity clearance sweep.

0730: Met with crew for morning safety tailboard and work plan.

0800: Crew began hemlock removal in DG-2.

0830: Crew pauses work during light rain.

0930: Foreman decides conditions are too wet to work. Crew begins putting tools away and biologist conducts a final sweep of work area.

1000: Crew and biologist depart the site for the day.

Additional Comments

Light rain

Signature





DG2_clearing_hemlock_facingN.jpg
-118.17171719444445 34.192186166666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:00	74 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of 10 weeding in DG-4 and DG-4B

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, MODO, ACWO, EUCD, CALT, SOSP, YEWA, WREN, CAQU, HOFI, BHGR, HOOR, ALHU, SPTO, NUWO, Western toad, RCPA, AMCR, AMRO, BEWR, CASJ, California ground squirrel, CORA, RTHA, CATH, desert cottontail, WIWA, western fence lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0640: Pre-construction bird survey.

0715: Monitor weeding crew. Requested that crew pull weeds by hand to protect the toads on the ground.

1030: Discovered and marked a new acorn woodpecker nest.

1345: Crew wrapped up.

1400: Completed daily log.

Additional Comments

N/A

Signature





photo_1-20230616_DG-4_before_weeding_facingSoutheast.jpg
-118.1752493888889 34.19220463888889



photo_2-20230616_DG-4_after_weeding_facingSoutheast.jpg
-118.17574459722222 34.191873861111105



photo_3-20230616-DG-4B_after_weeding_facingEast.jpg
-118.1752936 34.1920263055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Amanda Martinez
Company: ICF
Date of Log: June 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	59 °F	0-3 MPH	100 %
End of Day	12:02	64 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Gothoc Landscape crew of 10 with Eric 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, BHGR, BEWR, AMCR, CORA, SPTO, CALT, MUDU, SOSP, KILL, MALL, GADW, NRWS, GREG, COHA, BUSH, LEGO, PHAI, ACWO, CAQU, ANHU

Mammals: desert rabbit

Reptiles: gopher snake

Amphibians: western toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew getting ready for the day and heading out to DG-2.

0800: Crew clearing walking path as well as weeding mustard and poison hemlock in DG-2.

0935: Worker encountered mouse nest and notified biologist. Biologist instructed worker to leave the area alone. At least three individuals were seen fleeing the nest, most likely juveniles.

1300: Crew headed out for the day.

Additional Comments

N/A

Signature





DG_2_pre_vegetation_removal.jpg
-118.17265090000001 34.189390519444444



DG_2_vegetation_removed.jpg
-118.1726115555556 34.189473011111104



DG_2_Mouse_nest.jpg

-118.17251855555556 34.18926336111111



DG_2_post_vegetation_removal.jpg

-118.17259772222222 34.189352099999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	100 %
End of Day	13:45	67 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of six weeding in DG-4A

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, YEWA, CASJ, MODO, CAQU, RCPA, desert cottontail, BHGR, ACWO, SPTO, BEWR, CALT, BGGN, SOSP, LEGO, HOFI, WREN, Western toad, California ground squirrel, NUWO, AMCR, OATI, EUCD, NRWS, BUSH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0645: Pre-construction bird survey. Checked YEWA_01 nest; confirmed inactive.

0725: Monitor weeding crew.

1345: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230619-DG-4A_before_weeding_facingSoutheast.jpg
-118.1769025000001 34.18977216666664



photo_2-20230619-DG-4A_after_weeding_facingSoutheast.jpg
-118.17691016666667 34.18979528888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	100 %
End of Day	14:30	68 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: lesser goldfinch, California scrub jay, black-headed grosbeak, acorn woodpecker, red-crowned parrot, spotted towhee, Northern mockingbird, northern rough-winged swallow, mourning dove, California quail, Nuttall's woodpecker, common raven, bushtit, blue-grey gnatcatcher, California towhee, wrentit, oak titmouse, Cooper's Hawk, yellow-breasted chat, yellow warbler, song sparrow, Downy woodpecker, Anna's hummingbird, killdeer, hooded oriole, house finch, mallard, Canada goose, muscovy duck, barn swallow, Hutton's Vireo
Mammals: Beechey Ground Squirrel, Fox Squirrel, Audubon's Cottontail
Herps: Western Toad,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on site.

0730: Observed a pair of blue-grey gnatcatchers feeding in the same area for some time; after careful observation found there was a fledgling no longer in the nest being fed by the parents.

0800: Heard a yellow-breasted chat along the trail dividing the Oaks and mature Willows near the Cooper's hawk nest and observed singing and feeding activities within DG-2 by two individuals (unsure if nesting, will continue to monitor).

0840: Discovered a California towhee nest feeding young while listening for yellow breasted chat.

0845: Crew broke for break.

1200: Crew broke for lunch. All day - Crew worked on the South End of DG-2 and barely began on DG-3A

Additional Comments

Four Hutton's Vireos were seen in the same general vicinity as the Yellow-breasted Chat.

Signature



Yellow_breasted_chat.JPG



Weeds_removed_from_top_of_bank.jpg
-118.17304997222223 34.18842236111111



Swallows_&_Muscovy_Duck.jpg
-118.17406743333333 34.18649008888889



Huttons_Vireos_along_trail.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	50 %
End of Day	13:45	76 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, MODO, CALT, WREN, CAQU, CASJ, desert cottontail, BHGR, SPTO, BGGN, SOSP, RCPA, BEWR, LEGO, YEWA, California ground squirrel, western fence lizard, ACWO, NUWO, HOFI, OATI, BUSH,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0645: Pre-construction bird survey.

0710: Monitor weeding crew.

0750: Update and close out two inactive bushtit nests.

1345: Crew wrapped up, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230620-DG-4A_before_weeding_facingEast.jpg
-118.17670815000001 34.18962458333333



photo_2-20230620-DG-4A_after_weeding_facingEast.jpg
-118.1766925 34.18959427777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: June 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	80 %
End of Day	14:50	77 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Erik 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, CANG, RTHA, BUSH, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO, WIWA, YBCH

Reptiles: Western fence lizard, side-blotch lizard

Mammals: California Ground Squirrel

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 DG-3A and DG-3B with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-3A and DG-3B.

1200: Crew breaks for lunch.

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

1440: Crew stops work for the day.

Additional Comments

Biologist observed a single yellow breasted chat calling and moving through the general area of the polygon mapped in Field Maps.

Signature

1003



Invasive_species_removal_DG-3B_facingSouthwest.jpg



Invasive_species_removal_DG-3A_facingSoutheast.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Phillip Richards
Company: ICF
Date of Log: June 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	57 °F	0-3 MPH	0 %
End of Day	14:10	79 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Weed removal by hand and using hand tools.
3. Gothic Landscaping with a crew of seven. Eric is the lead 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:

Birds: SPTO, CALT, WREN, BEWR, OATI, MALL, SOSPO, COYE, BHGR, BARS, KILL, Red Masked Parrot, CASJ, CAQU, ANHU, HOFI, NUWO, WTSW, NRSW, YEWA, ACWO, CORA, CANG, RUDU, BUSH

Mammals: coyote, desert cottontail

Reptiles: western fence lizard

Amphibians: California toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived.

0655: Met crew to discuss today's work area and planned maintenance.

0715: Crew started weeding at non-hydro seeded area located on northeast corner of ponded water behind dam.

0845: Crew on morning snack break.

0910: Crew back to weeding at the same location.

1130: Crew on lunch break.

1230: Crew back to weeding at the same location.

1350: Crew transporting last pick-up truck load of cut weeds to trash bin located in the staging area to the north.

1410: Crew done working for the day. Biologist leaving site.

Additional Comments

No new active bird nests discovered today.

Signature

Phil Bond



Invasive_Weed_Removal_facingSouthwest.jpg
-118.17322091666666 34.187526461111105



Crew_clearing_weeds_facingNorth.jpg
-118.17359851944445 34.186823325



Invasive_weed_removal_facingWest.jpg
-118.17318389444445 34.18713324444444



Weeded_area_end_of_day_facingSoutheast.jpg
-118.17345262222223 34.18741892222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: June 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	0 %
End of Day	13:45	80 °F	0-3 MPH	15 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants with hand tools by six Nature's Image (NI) and two Labor Finders (LF) crew supervised by Genero and Eduardo.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, SOSP, SPTO, HOFI, CALT, many juvenile western toads, two YEWA singing, NUWO, LEGO, AMGO, BUSH, WAVI, RCPA, BEWR, CLSW, NRWS, MALL, KILL, BLPH, CANG, CASJ, BHGR, Cabbage White, OATI, AMRO, Red Admiral, California ground squirrel, western fence lizard, brush rabbit, CORA, WREN, AMCR, Baja California treefrog [chorus frog], WEBL, western tiger swallowtail, painted lady, checkered white, mourning cloak, CAQU, CAKI, RSHA, checkered skipper, hairstreak butterfly similar to California hairstreak, WTSW.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Preparation.

0652-0725: Checked DG-4A southern Primrose (low area) planned weeding site for special status species and nests; two yellow warbler singing (already in Field Maps). Asked Genero to have crew avoid stepping on the numerous juvenile western toads.

0730-1345: Weeding proceeds.

1010: Baja California treefrog found.

1150: Maddy notified me that dodder (parasitic vine) needs to be removed at Primrose. Informed Genero: he will have 1-2 workers do it Thursday, 6-22-23.

1345: Log done.

Additional Comments

N/A

Signature





photo_1_20230621_DG4A_southern_Primrose_looking_East_before.jpg
-118.17673333333333 34.18963833333333



photo_2_20230621_DG4A_Southern_Primrose_looking_North_Northeast_2_hours_in.jpg
-118.176635 34.18957833333333



photo_3_20230621_DG4A_southern_Primrose_looking_West_before.jpg
-118.176505 34.189519999999995



photo_4_20230621_DG4A_southern_Primrose_looking_East_after.jpg
-118.176705 34.18964166666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	0 %
End of Day	14:00	78 °F	0-3 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image, Genero is foreman of five crew, weeding. Two crew on irrigation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CSJA, OATI, NOMO, SPTO, YEWA, AMCR, MODO, SOSF, ACWO, CALT, CAQU, RCPA, CAKI, CORA, CAQU, BHGR, BEWR, MODO, ECDO, BUSH, AMRO, BGGN, NRWS, NUWO, LEGO, BGGN, HOFI, western toadlets, BARS, MALL, KILL, HUVI, NRWS, CLSW, PSFL, COYE, WAVI, lots of fledglings, including YEWA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

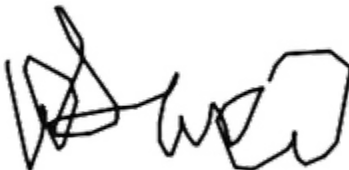
0630: Documented bird species. Walk to today's weeding area, primrose drainage to check for nesting activity.

0700: Crew comes down and begins pulling invasives and plucking dodder off planted plants. Stayed in this area all day. I checked on some nests and removed nest buffer for YEWA_03, with chicks likely fledged (nest is no longer attended to). Also removed flagging for NUWO_02 and BUSH_17. No activity at either nest, likely fledged. Checked brown-headed cowbird (BHCO) cage, two California towhee (CALT) inside with seven BHCO. Hopefully the CALT are removed soon. No fledglings that I have heard so far are BHCO, the trapping must be helping.

Additional Comments

After this mornings clear blue sky, 100% cloud moved in around 0700 and persisted. it stayed cool. Met Omar, Pasadena Audubon who said a YBCH was documented singing near the dam last week. This morning I thought I heard one song phrase of a YBCH when I was near the reservoir, but I never heard anything else. Will check tomorrow.

Signature





example_of_stellar_weeding_primrose_drainage.jpg



Pre_weeding_dodder_patch.jpg



Post_weeding_dodder_patch.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:30	71 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: northern rough-winged swallow, Nuttall's woodpecker, wrenit, red-crowned parrot, California scrub jay, black-headed grosbeak, common raven, blue-gray gnatcatcher, spotted towhee, Canada Goose, muscovy duck, mallard, song sparrow, cliff swallow, black phoebe, Anna's hummingbird, Bewick's wren, bushtit, California towhee, California thrasher

Mammals: Audubon's Cottontail

Herps: Western Toad, Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site to find the code lock on the North gate had been removed; crew reconvened on the South end.

0830: Crew broke for break.

1145: Crew broke for lunch. All day - Crew worked on DG-3B and the west portion of DG-3A.

Additional Comments

N/A

Signature





Crew_weeding_DG3B.jpg
-118.17338773333334 34.18757980555555



Crew_removing_weeds_from_DG3B.jpg
-118.17348825 34.18732691666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	80 %
End of Day	14:00	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Genero with hand-pull weeding crew of five and two on irrigation

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA, NUWO, NOMO, BEWR, RCPA, ACWO, SOSP, MODO, LEGO, CALT, BHGR, CSJA, BUSH, CORA, KILL, AMCR 30 in reservoir, CLSW, NRWS 70+, WTSW, PSFL, RSHA, RTHA, BGGN, CANG with teens, MALL with young, Western toadlets, fence lizard, side-blotched, RUDU (4), TUVU, HOFI, CATH, OATI, ALHU, HUVI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met with Dave Torfeh who delivered the tablet to me. Checked the Primrose drainage weeding area and crew got started. Dave and I looked at some nests and plants. Monitored bird activity at site. Bushtit alerted me with their alarm call to Cooper's hawk and red-shouldered hawk overhead.

Additional Comments

Impressive, careful work by NI for the last two days. The invasive Rumex, hemlock and other invasives, are robust in this area as are the natives. Lots of toadlets in the way, so they need to be extra careful. Clearing around each cage, removing dodder from natives, and careful pulling around natives, they are doing really good work under the direction of Genero.

Signature





Restoration_with_sunrise_backdrop.jpg
-118.17518166666667 34.19196833333333



Overview_of_weeded_channel_and_robust_retained_natives.jpg
-118.17709500000001 34.18961666666666



Weeded_area_midway_facing_West.jpg
-118.17670333333334 34.18953833333333



Weeded_area_midway_facing_East.jpg
-118.17670000000001 34.189546666666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	4-6 MPH	100 %
End of Day	13:30	69 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California towhee, wren, California thrasher, Northern mockingbird, California scrub jay, spotted towhee, cliff swallow, Northern rough-winged swallow, mallard, great blue heron, muscovy duck, American crow, Bewick's wren, Cooper's hawk, yellow-breasted chat, California quail, yellow warbler, black-headed grosbeak, common raven, lesser goldfinch, Anna's hummingbird, orange-crowned warbler, song sparrow
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Toad, Western Fence Lizard, tiger Whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived at the South end of site and began work.

0730: Based off the continued presence of at least one yellow-breasted chat (YBCH), a nest point was laid down in the general area of the activity and an active nest will be assumed present until yellow-breasted chat activity ceases.
All day - Crew finished DG-3B and moved on to the midsection of DG-3A.

Additional Comments

N/A

Signature





Area_where_YBCH_activity_noted_for_past_week.jpg
-118.171569 34.19073111944444



Crew_weeding_DG-3A.jpg
-118.17307825 34.18743451111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	55 °F	0-3 MPH	0 %
End of Day	14:08	90 °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. One crew (eight people total) plus Erik as crew lead.

Did you observe any special-status species? Yes No

Yellow-breasted chat, yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: SPTO, LEGO, RCPA, BUSH, YEWA, ANHU, SOSP, CALT, CASJ, MALL, BARS, AMCR, KILL, BLPH, WTSW, HOFI, NRWS, SPSA, BGGN, ROPI, CLSW, RUDU, HOOR, COHA, NUWO, YBCH, BHGR, WREN, CORA, CAQU, HUVI, PHAI

Amphibians: Western toad

Reptiles: Western fence lizard

Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan with the shortened crew of eight; Erik arrived at 0845. The whole crew focuses on pulling weeds by the DG-3A and 3B areas adjacent to the main eastern hiking trail and dam face. Erik focuses on inspecting irrigation lines throughout DG-2 and Johnson Field to repair any leaks.

0845: Crew takes a break.

0900: Crew continues work weeding in the same areas.

1145: Crew takes lunch break.

12:30: Crew returns to work in the same areas.

1340: Crew prepares to unload tarps full of weedy vegetation into large waste bin.

1415: Crew ends the workday.

Additional Comments

N/A

Signature





Weeding_DG-3A_facingNorth.jpg
-118.17331735 34.186808711111105



Cooper's_hawk_mother_feeding_young_facingSouth.jpg
-118.17146566666668 34.19075188888888



Weeding_progress_DG-3A_facingSouthwest.jpg
-118.17308113055556 34.18679312222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	0 %
End of Day	14:00	77 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image, Genero is foreman for crew of six hand weeding dense Rumex. Crew of two on irrigation.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA, CALT, CATH, CAQU, HUVI, ACWO, WREN, BEWR, SOSP, BGGN, BUSH, HOOR, HOFI, LEGO, ALHU, SPTO, WBNU, AMCR, RCPA, NRWS, OATI, CSJA, PSFL, RSHA, AMRO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Check with Genero for today's meeting, continue in the primrose channel out towards the reservoir.

0645: Look for nesting activity that might have started over the weekend. All clear, crew arrives at 0700. We stay in this area all day.

Additional Comments

The cockatiel is still here this morning and I called someone who contacted me this weekend about it. I think it's their bird. They are coming to check today, and will be back with seed and cage. Roost of 25 American crows perched in large willow, in restoration site.

Signature





Primrose_channel_weeding_area_facingEast.jpg
-118.1765466666667 34.18950333333333



Primrose_channel_weeding_area_facingWest.jpg
-118.1763016666667 34.18937166666666



Primrose_channel_post_weeding_area_facingSouth.jpg
-118.17663333333334 34.189589999999995



Primrose_channel_post_weeding_area_facingWest.jpg
-118.17661166666667 34.189556666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: June 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	56 °F	0-3 MPH	0 %
End of Day	12:30	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Genero is foreman of six weeding crew. Edwardo and Carlos on irrigation. Natures Image.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

YEWA multiple and male with one fledgling, SPTO, BUSH, WTSW, AMRO. MODO, NOMO, ECDO, ACWO, NUWO, AMCR, BHGR, SOS, BEWR, CALT, CATH, WTSW, NRWS, BGGN, LEGO, WREN, CSJA, HOFI, OATI, RSHA taking dangling prey overhead to northwest, EUST, GBHE. A beautiful 5' gopher by the dumpsters. COHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Checking area for nesting activity (none observed), primrose channel. Walked out to the reservoir to look for ducklings as requested by Lauren, so the water levels can be reduced. There are at least 50 mallards and all but 9 young ducklings look old enough and are flighted.

0830: As crew breaks I watch all of the participants in weeded area, that has opened up a lot of potential prey for the birds: yellow warbler, bushtit, blue-gray gnatcatcher, spotted towhee, California towhee, California scrub-jay, Bewick's wren, Allen's hummingbird, hundreds of toadlets, a pair of cottontails. Tatiana observed ground squirrels eating toadlets! Coyote's respond to a siren very near to where we worked today. I also found a likely coyote den along the berm of the reservoir. Crew takes final break at 0130 and has completed hand pulling. Nice big male side blotched lizard, on the way out.

Additional Comments

As I walked to the site I found a dead gopher snake, that was probably killed over the weekend, likely by a human as it was not eaten, almost cut in half and with a smashed head. See photo 1. I am concerned about the snakes around here, with all the fearful humans. Can we get signs? There are still many Northern rough-winged swallows and cliff swallows that are relying on the pool as an insect source to feed their young. Also killdeer and black phoebe in the reservoir. I have not heard the yellow breasted chat today or yesterday, that was documents in e-bird by a very good birder on Sunday June 25th and the previous week just south. Off Johnson field on the east side of the reservoir, Close to the area I had YBCH_01 singing (6/19).

Signature





Photo1_Dead_gopher_snake_on_trail_along_primrose.jpg
-118.17702 34.19018333333333



Pre_weeding_one_of_multiple_areas_in_primrose.jpg
-118.17648833333334 34.18962



Post_weed_one_example_primrose_channel.jpg
-118.17642833333333 34.189499999999995



Weeding_path_along_irrigation.jpg
-118.17657166666667 34.189539999999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	4-6 MPH	10 %
End of Day	14:30	79 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow breasted chat, Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: California towhee, spotted towhee, California thrasher, northern rough-winged swallow, wrentit, common raven, song sparrow, Bewick's wren, California quail, Canada goose, mallard, black-headed grosbeak, yellow warbler, Cooper's hawk, red-crowned parrot, bushtit, lesser goldfinch, house finch, Anna's hummingbird, yellow-breasted chat, cliff swallow, black phoebe, oak titmouse, blue-grey gnatcatcher, red-shouldered hawk, mourning dove, Nuttall's woodpecker, Allen's Hummingbird

Mammals: Audubon's cottontail, Beechey ground squirrel

Herps: Western toad, Western fence lizard, Side-blotched lizard, coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived on South side of site.

0645: Keyed out Rumex sp. to ensure it was the non-native Rumex crispus.

0730: Monitored DG-2 for the yellow-breasted chat (YBCH).

0815: Heard the YBCH in the previously documented area.

0845: Crew broke for break.

1145: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_weeding_DG3A.jpg
-118.17308648333334 34.186791094444445



Crew_weeding_DG3A(2).jpg
-118.1733035 34.18630612222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: June 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	100 %
End of Day	14:25	76 °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. One crew (six people total) plus Erik as crew lead.

Did you observe any special-status species? Yes No

Yellow breasted chat, yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: KILL, BEWR, NRWS, BGGN, RCPA, SPTO, BLPH, CASJ, ANHU, YEWA, LEGO, CALT, HOFI, MALL, AMCO, BARS, SOSP, CORA, CAKI, GBHE, CANG, RSHA, RUDU, BUSH, OATI, TUVU, BHGR, CAQU, MODO, YBCH, AMCR, COHA

Amphibians: western toad

Reptiles: western fence lizard, coastal whiptail

Mammals: California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan with the shortened crew of six. The whole crew continues to focus on pulling weeds by the DG-3A and 3B areas adjacent to the main eastern hiking trail and dam face. Erik focuses on inspecting irrigation lines and turning on after valves throughout DG-2 and Johnson Field.

0845: Crew takes a break.

0900: Crew continues work weeding in the same areas.

1145: Crew takes lunch break.

1230: Crew returns to work in the same areas. I informed Erik of some tarps with dried weeds that were left behind throughout DG-2 and Johnson Field and he went to collect these for disposal.

1345: Crew prepares to unload tarps full of weedy vegetation into large waste bin.

1415: Crew ends the workday.

Additional Comments

N/A

Signature





Weeding_progress_DG-3A_facingSouth.jpg
-118.17320120277778 34.18710028611111



Tarp_needing_removal_DG-2_facingWest.jpg
-118.17156510555556 34.19072161111111



Work_area_for_weeding.jpg

-118.17333451666667 34.18678235555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: June 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	0-3 MPH	100 %
End of Day	14:00	76 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants using hand tools by seven Natures Image (NI) and two Labor Finders (LF) crew members supervised by Genero.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, SOSF, SPTO, LEGO, YEWA singing, RCPA, KILL, RSHA, AMCR, juvenile Western toads, BGGN, CALT, BUSH, BARS, eastern fox squirrel, MODO, NUWO, CAKI, CORA, BEWR, California ground squirrel, NRWS, GBHE, MALL (three adult females & two juveniles), BLPH, CASJ, AMRO, CANG (8), brush rabbit, BHGR, western tiger swallowtail, cabbage white, desert cottontail, sylvan hairstreak, red admiral, mourning cloak, painted lady, HOFI, CAQU, coast whiptail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Preparation.

0650-0720: Checked DG-4A southeastern Primrose site for nests and special status species; Yellow Warbler singing 70-feet north of work area.

0720: Weeding work proceeds.

1000: CAQU nest with 10 eggs found in thick radish stand on ground at Southeast corner of Primrose under willow sapling at edge of weeding. Redirected crew to west and flagged buffer.

1345: Weeding at site ends.

1400: Log done.

Additional Comments

Slight haze

Signature





photo_1-20230628-DG4A_Southeast_Primrose_looking_Southeast_before.jpg
-118.17639833333334 34.189395



photo_2-20230628_DG4A_Southeast_Primrose_looking_Southeast_after.jpg
-118.17644 34.18926999999999



photo_3-20230628_DG4A_Southeast_Primrose_looking_Southeast_close_up_before.jpg
-118.17648833333334 34.189184999999995



photo_4-20230628_DG4A_Southeast_Primrose_further_west_looking_Southeast_after.jpg
-118.17663666666667 34.189051666666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: June 29, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:45	88 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Erik 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, CANG, RTHA, BUSH, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, SPTO, RSHA, KILL, COHA, OCWA, AMGO, OSPR, RNDU, EGGO, BARS, CLSW, NAWA, CATH, DCCO, WIWA, MIPA, YBCH

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 DG-3A with hand tools. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work in DG-3A.

1200: Crew breaks for lunch.

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

1435: Crew stops work for the day.

Additional Comments

Could not rename photo in app. First photo should be labeled Invasive_Species_Removal_DG-3A_facingN

Signature





Invasive_Species_Removal_DG-3A_facingNorth



Bee_Hive_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: June 29, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	63 °F	0-3 MPH	100 %
End of Day	13:40	80 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration weeding of non-native plants using hand tools by eight Natures Image (NI) and one Labor Finders (LF) crew members supervised by Genero.

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, NUWO, LEGO, desert cottontail, numerous juvenile western toads, EUST, AMCR, RCPA, SOSP, SPTO, CALT, BEWR, YEWA (two singing, one female calling from tall willows 50 feet west and northwest of weeding area), NRWS, GBHE, HOFI, BHGR, BARS, GADW (two adults), MALL (two adults and six ducklings), CANG (eight), KILL, BLPH, CORA, BUSH, ANHU, MODO, WBNU, CASJ, OATI, NOMO, California ground squirrel, BTPI, many *Oenothera elata* (Hooker's evening primrose) blooming, cabbage white, DOWO, WEBL, red admiral, OCWA, Western tiger swallowtail, white cockatiel in parking area foraging on ground with MODOs, coyote, AMRO, RTHA eating ACWO near parking lot harassed by second RTHA, CAKI mobbing first RTHA, ECDO, RSHA calling, Baja California tree frog, checkered white, unidentified medium-sized orange butterfly, mourning cloak.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0723: Checked DG-4A Southeast Primrose weeding site for nests and special status species; Yellow Warblers vocalizing but no nests visible in tall willows 50 feet west and northwest.

0725-1320: Weeding proceeds.

1005: Sun comes out; bees and butterflies become active.

1330: Log done.

Additional Comments

Slight haze

Signature





photo_1-20230629_DG4A_Southeast_Primrose_lookingSouth_before.jpg
-118.1766566666667 34.18898333333333



photo_2-20230629_DG4A_Southeast_Primrose_looking_South_after.jpg
-118.17663833333334 34.18900333333333



photo_3-20230629_DG4A_Southeast_Primrose_looking_Southeast_before.jpg
-118.17661833333334 34.18897833333333



photo_4-20230629_DG4A_Southeast_Primrose_looking_Southeast_after.jpg
-118.176665 34.189009999999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: June 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	60 °F	0-3 MPH	0 %
End of Day	13:15	83 °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 and DG-4

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, SPTO, CALT, NUWO, ACWO, MODO, western toad, desert cottontail, EUST, RCPA, YEWA, BUSH, BGGN, BEWR, SOSP, KILL, GREG, GBHE, MALL, HOFI, OATI, LEGO, RTHA, California ground squirrel, western fence lizard, CASJ, WREN, CANG, NRWS, coastal whiptail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Prepped with crew.

0650: Pre-construction bird survey.

0715: Monitor weeding crew, including dodder removal.

0830: Pre-construction bird survey in the next weeding area, continue monitoring weeding crew.

1315: Crew wrapped up for the day, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230630-DG-4A_before_weeding_facing_South.jpg
-118.1767836000001 34.1887972777777



photo_2-20230630-DG-4_before_weeding_facing_South.jpg
-118.17733194444445 34.18977998055555



photo_3-20230630-DG-4A_after_weeding_facing_South.jpg
-118.1767432222223 34.1888221944444



photo_4-20230630-DG-4_after_weeding_facing_South.jpg
-118.17730569444446 34.1898696805555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: June 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	61 °F	4-6 MPH	0 %
End of Day	13:30	85 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: red-crowned parrot, California scrub-jay, song sparrow, California towhee, great egret, great blue heron, mallard, Northern rough-winged swallow, wren, muscovy duck, lesser goldfinch, bushtit, common raven, Bewick's wren, ruddy duck, California quail, yellow warbler, killdeer, Cooper's hawk, red-shouldered hawk

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: Crew arrived at the South end of site.

0840: Crew broke for lunch.

All day - Crew worked trail and upper edge of DG-3A.

Additional Comments

N/A

Signature





Crew_working_upper_edge_DG3A.jpg
-118.17300818611112 34.187160524999996