

Devil's Gate Reservoir Restoration Project First Quarter Compliance Report Activities Occurring Between January 2023 and March 2023

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1.0 INTRODUCTION

1.1 Purpose

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

Condition 6.7 in the ITP states:

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

This is the eighteenth report (Quarterly Compliance Report Number 18) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between January 1 and March 31, 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 USFWS Informal Section 7 Consultation, if sediment removal is conducted between March 15 and August 31 "twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

No sediment removal activities were conducted during the first quarter of 2023. As such, weekly breeding season focused least Bell's vireo surveys (per ITP Condition 7.3.4) were conducted beginning the first week of March 2023. A total of five focused breeding season least Bell's vireo surveys were conducted between March 1 and March 31, 2023 by Designated Biologists approved by CDFW and USFWS. Table 1 shows the weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Date	Designated Biologist
03/03/23	Carla Marriner
03/09/23	Carla Marriner
03/13/23	Christine Tischer
03/23/23	Taylor Dee
03/31/23	Taylor Dee

No least Bell's vireos were observed or detected during the focused breeding season surveys during the first quarter of 2023. The least Bell's vireo breeding season survey report for March 2023 is included in Appendix A.

2.2 Biological Monitoring

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

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

Daily biological monitoring of restoration activities occurred whenever vegetation removal and/or plantings took place. Nesting bird season began towards the end of this reporting quarter and Designated Biologists began identifying active bird nests on the Project site and implementing appropriate no-work buffers around said nests. Table 2 shows Project working dates and the biological monitors that were present on each date.

Date	Restoration Monitors
01/02/23	No Work Due to Rain
01/03/23	Michael Walsh
01/04/23	No Work Due to Rain
01/05/23	No Work Due to Rain
01/06/23	Alec Mang
01/09/23	Michael Walsh
01/10/23	No Work Due to Rain
01/11/23	Alec Mang
01/12/23	Alec Mang
01/13/23	Alec Mang
01/16/23	No Work – Holiday
01/17/23	Michael Walsh
01/18/23	Michael Walsh
01/19/23	Alec Mang, Lela Updegrave
01/20/23	Alec Mang, Lela Updegrave
01/23/23	Michael Walsh, Kristen Klinefelter
01/24/23	Michael Walsh, Kristen Klinefelter
01/25/23	Alec Mang, Lela Updegrave

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01/26/23	Alec Mang, Cole Sutter
01/27/23	Alec Mang, Cole Sutter
01/30/23	Michael Walsh, Kristen Klinefelter, Jessica Medrano
01/31/23	Alec Mang, Michael Walsh, Kristen Klinefelter
02/01/23	Alec Mang, Cole Sutter, Michael Walsh
02/02/23	Alec Mang, Cole Sutter, Dawn Garcia
02/03/23	Alec Mang, Lela Updegrave, Dawn Garcia
02/06/23	Michael Walsh, Kristen Klinefelter, Jessica Medrano
02/07/23	Alec Mang, Michael Walsh, Kristen Klinefelter
02/08/23	Alec Mang, Cole Sutter, Michael Sutter
02/09/23	Alec Mang, Cole Sutter, David Torfeh
02/10/23	Alec Mang, Lela Updegrave, David Torfeh
02/13/23	Michael Walsh, Kristen Klinefelter
02/14/23	Cole Sutter, David Torfeh, Michael Walsh
02/15/23	Alec Mang, Cole Sutter, Michael Walsh
02/16/23	Alec Mang, Cole Sutter, Dawn Garcia,
02/17/23	Alec Mang, Dawn Garcia, Lela Updegrave
02/20/23	Kristen Klinefelter
02/21/23	Alec Mang, David Torfeh, Lela Updegrave
02/22/23	Alec Mang, Maddy Uetrecht
02/23/23	Alec Mang, Cole Sutter, Michael Walsh
02/24/23	No Work Due to Rain
02/27/23	No Work Due to Rain
02/28/23	Lela Updegrave, Michael Walsh
03/01/23	Cole Sutter, Michael Walsh, Maddy Uetrecht
03/02/23	David Torfeh, Kristen Klinefelter, Michael Walsh
03/03/23	David Torfeh, Lela Updegrave, Michael Walsh
03/06/23	Cole Sutter, Michael Walsh, Jessica Medrano
03/07/23	Cole Sutter, Michael Walsh
03/08/23	Kristen Klinefelter, Michael Walsh, David Torfeh
03/09/23	Cole Sutter, Michael Walsh
03/10/23	Michael Walsh, Maddy Uetrecht
03/13/23	Cole Sutter, Michael Walsh
03/14/23	Michael Walsh, Vincent Baker, Maddy Uetrecht
03/15/23	No Work Due to Rain
03/16/23	Dawn Garcia, Kristen Klinefelter, Maddy Uetrecht
03/17/23	Cole Sutter, David Torfeh, Dawn Garcia
03/20/23	David Torfeh, Jessica Medrano, Kristen Klinefelter
03/21/23	No Work Due to Rain
03/22/23	Michael Walsh
03/23/23	Dawn Garcia, Kristen Klinefelter, Michael Walsh
03/24/23	Dawn Garcia, Michael Walsh, Vincent Baker
03/27/23	Jessica Medrano, Michael Walsh, Vincent Baker
03/28/23	Cole Sutter, Michael Walsh
03/29/23	No Work Due to Rain
03/30/23	David Torfeh, Dawn Garcia, Kristen Klinefelter, Nico Hodgson
03/31/23	David Torfeh, Dawn Garcia, Kristen Klinefelter
No construction monitoring occurred because no construction activities occurred during the first quarter 2023 reporting period.	

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 first 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 January 3, 2023 through March 31, 2023.
- Low-growing non-native plants (primarily perennial pepperweed [*Lepidium latifolium*], black mustard [*Brassica nigra*], curly dock [*Rumex crispus*], poison hemlock [*Conium maculatum*], hairy bittercress [*Cardamine hirsuta*], ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], shortpod mustard [*Hirschfeldia incana*], red stemmed filaree [*Erodium cicutarium*], were removed from the DG-1, DG-W-1, DG-2, DG-2A, DG-2 WOUS, DG-2 new channels, DG-W-2 Mining Pit, DG-2 sheetflow, DG-3A, DG-4, DG-4A, DG-4B, DG-4C, DG-4 WOUS, DG-4 WOUS connections, DG-4 drainage, DG-4 sheetflow onsite restoration areas by hand pulling and using small hand tools, shovels, tarps, weed whips, hula hoes, and rakes. A steamer was also utilized when appropriate. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Debris was removed and plants were sprayed off in the restoration areas that had been submerged and subsequently covered in debris and silt following heavy rains.
- Nursery plants including coyote brush (*Baccharis pilularis*), California blackberry (*Rubus ursinus*), Fremont cottonwood (*Populus fremontii*), and California mugwort (*Artemisia douglasiana*) were planted and caged in DG-4 WOUS, DG-3A, DG-4A.
- Existing irrigation systems were maintained, and irrigation systems were installed in DG-4 WOUS, and DG-3A. Irrigation system servicing Phase 1 plantings were turned off, and the irrigation boxes were marked to indicate if they were no longer in service.
- Goodding's black willow (*Salix goodingii*) and Arroyo willow (*Salix lasiolepis*) stakes and mulefat (*Baccharis salicifolia*) cuttings were collected using hand tools. Willow cuttings were harvested and installed according to the Final Habitat Restoration Plan for the Project and Permit PW-11-19.

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

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from April 1, 2023 to June 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 first quarter reporting period. A qualified biologist continued to be present during restoration activities requiring vegetation removal during the 2023 first quarter reporting period. See Table 2 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (November 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2023 first quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	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, 7/19/22-7/28/22	No construction ground-disturbing activities occurred during the first quarter of 2023. As such, no preconstruction surveys for sensitive wildlife species took place during the first 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 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.	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 3/1/21 – 4/16/21 8/30/22- 9/08/22	No construction ground disturbing activities occurred during the first quarter of 2023. As such, no preconstruction surveys for nesting birds took place during the first quarter of 2023.
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	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal;	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in

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>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>	Reservoir Management						the fourth quarter of 2018. No surveys related to this measure were required during the 2023 first quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, 	Reservoir Management	Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2023 first quarter reporting period.

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

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> ○ Selection criteria of reference sites, ○ Performance standards of the mitigation sites, ○ Monitoring reports and annual reports schedule, ○ Mitigation long-term management plan, and ○ Funding description for implementation and long-term management. ● Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. ● Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. ● Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the replacement trees for five years and replace those that do not survive within the monitoring period, ensuring that not less than 1:1 ratio of replacement, or no net loss, has been achieved.</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> ● Conduct Tree Survey ● Identify and Protect Oak Tree Root Zones ● Identify/Map Mitigation Sites ● Prepare Habitat Restoration Plan ● Install Plant Materials ● Monitor Installation ● Install Irrigation, if Necessary ● Prepare As-Built Report ● Conduct Maintenance ● Prepare Monitoring Reports 	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p> <ul style="list-style-type: none"> ● Identify Reference Sites ● Conduct Qualitative and Quantitative Monitoring ● Conduct Maintenance ● Implement Adaptive Management Measures, if Necessary ● Prepare Monitoring Reports ● Prepare Annual Reports ● Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2023 first quarter reporting period.
<p>MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the</p>	<p>Reservoir Management</p> <ul style="list-style-type: none"> ● Prepare Habitat Restoration Plan ● Identify/Map Mitigation 	<p>Reservoir Management</p> <ul style="list-style-type: none"> ● Identify Reference Sites ● Conduct Qualitative and Quantitative Monitoring 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2023 first quarter reporting period.

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

MITIGATION MONITORING AND REPORTING PROGRAM							
Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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 circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. 	<p>Sites</p> <ul style="list-style-type: none"> • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<ul style="list-style-type: none"> • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 					

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
LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. <ul style="list-style-type: none"> • 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.

LIST OF APPENDICES

Appendix A: Least Bell's Vireo Breeding Season Survey Report 2023

Appendix B: Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Breeding Season Survey Report 2023

April 28, 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: March 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 March 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 are summarized below.

SURVEY METHODS

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

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

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

RESULTS

Five focused breeding season surveys for least Bell’s vireo were conducted during March 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
3/3/23	CM	0645	1010	40	57	0	10	0-1	1-3
3/9/23	CM	0700	1015	53	60	20	30	1-3	1-3
3/13/23	CLT	0715	1100	56	60	100	70	0-1	2-4
3/23/23	TD	0645	1100	48	54	100	100	0-1	0-1
3/31/23	TD	0715	1100	44	60	10	5	0	0-2

CM = Carla Marriner, CLT = Christine Tischer, TD = Taylor Dee

No least Bell’s vireos were detected during the March 2023 breeding season surveys. Brown-headed cowbirds were not observed during the March 2023 breeding season surveys.

DISCUSSION

Five focused breeding season surveys for least Bell’s vireo conducted in March 2023 did not detect least Bell’s vireo in or within 500 feet of the Project site. Weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (September 15).

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

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

DATE: April 28, 2023

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: 03/03/2023 1:22 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	40°F	0-1 MPH	0 %
End of Day	10:10	57 °F	1-3 MPH	10 %

Date Observed

March 3, 2023

Observer Name

Other

Other Observers (if present):

Carla Marriner

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

Locations

Additional Notes

SW and some areas within the SE are inundated and weren't easily accessible.

Incidental Species Observed

CALT AMRO SCJA YRWA MALL CORA HOFI BUSH ANHU NOFL COHA NOMO MODO RTHA WCSP
BEWR SOSP LEGO KILL BLPH RSHA ALHU EUST HUVI WREN OATI NUWO Cottontail Coyote Squirrel

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: OtherS
ubmitted Time: 03/09/2023 4:43 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:00	53°F	1-3 MPH	20 %
End of Day	10:15	60 °F	1-3 MPH	30 %

Date Observed

March 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

Landscape/restoration crews working onsite

Incidental Species Observed

CALT CASJ WREN MODO NOFL ANHU CATH AMRO NUWO LEGO BEWR HETH WCSP SOSP RTHA
NOMO HOFI CAGO BLPH BUSH DEJU OATI SPTO AMCR YRWA Cottontail Squirrel Coyote

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

Submitted By: Christine Tischer

Submitted Time: 03/13/2023 9:08 PM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	56°F	0-1 MPH	100 %
End of Day	11:00	60 °F	2-4 MPH	70 %

Date Observed

March 13, 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

High school closed off with caution tape and several fire trucks upon arrival, willows dead in old mining pit from ISHB and flooded in SW corner, dodged runaway horse with no rider and saddle hanging from belly at end of survey.

Incidental Species Observed

WEBL, MODO, LEGO, AMCR, CAKI, DEJU, YRWA, CASJ, AMRO, SPTO, red-crowned parrots, WCSP, CALT, NOFL, coyote, RCKI, CATH, gopher, ECDO, BEWR, CAQU, BEKI, NUWO, CORA, WREN, KILL, ANHU, OATI, BUSH, HOFI, CAQU, SOSP, BLPH, EUST, E fox squirrel, COHA, RNDU, NRWS, WTSW, CANV, RUDU, AMKE, NOMO, RSHA, RWBL, OCWA, HOWR, ALHU, BTPI, CA gr squirrel, RTHA, desert cottontail, painted lady

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor DeeS
ubmitted Time: 03/23/2023 11:01 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	48°F	0-1 MPH	100 %
End of Day	11:00	54 °F	0-1 MPH	100 %

Date Observed

March 23, 2023

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/a

Additional Notes

Incidental Species Observed

LEGO, AMCR, BEWR, SPTO, CATH, BUSH, CALT, AMRO, HUVI, CASJ, SOSP, RCKI, YRWA, NOFL, NUWO, ANHU, WCSP, CAQU, EUST, DEJU, HOFI, RUDU, RTHA, KILL, NRWS, TUVU, OATI, CITE, LESC, HOME, ACWO, BLPH, ECDO, WREN, CORA, OCWA, BGGN, AMAV, MALL, COHA, WEBL, NOMO, CAKI, CAGO, BUFF, California ground squirrel, eastern fox squirrel, desert cottontail

Least Bell's Vireo Log for Devils Gate (Environmental Conditions)
Submitted By: Taylor DeeS
ubmitted Time: 03/31/2023 11:31 AM

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	07:15	44°F	0 MPH	10 %
End of Day	11:00	60 °F	0-2 MPH	5 %

Date Observed

March 31, 2023

Observer Name

Taylor Dee

Other Observers (if present):

Were Least Bell's Vireo Observed

No

Note:

Number of Individuals

0

Locations

N/a

Additional Notes

Incidentally observed a pair of DEJU nest building

Incidental Species Observed

NUWO, LEGO, BEWR, SOSP, RCKI, ACWO, WCSP, CASJ, CATH, MODO, CAQU, ECDO, NOFL, ANHU, SPTO, AMRO, YRWA, COYE, BUSH, CALT, ALHU, HOFI, BLPH, Coyote, AMCR, BGGN, desert cottontail, LISP, KILL, COHA, common raccoon (tracks), HOME, DEJU, OATI, CA ground squirrel, WTSW, NRWS, LESC, EUST, OCWA, RSHA, HOWR, western side-blotched lizard, RTHA, BUFF, CAKI, HOOR, TUVU

APPENDIX B

Habitat Restoration Monitoring Logs

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	100 %
End of Day	13:15	52 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of twelve weeding in DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, BEWR, CASJ, NUWO, CALT, YRWA, CATH, desert cottontail, SOSF, MALL, CANG, AMCR, LEGO, WCSP, CAQU, NOFL, BUSH, DEJU, OATI, BLPH, LASP, SASP, RCKI, SPTO, CAKI, California ground squirrel, fox squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, light misty precipitation occurring. Surveyed work area for crew.

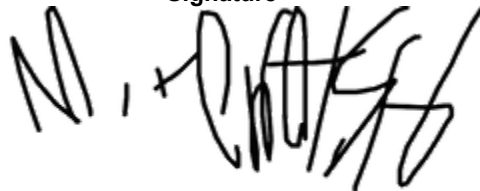
0645: Crew began weeding in DG-4 near the northern end of DG-4 WOUS. Primary targets were mustard and poison hemlock seedlings which were between two and four inches in height. Some phacelia was mixed in, advised crew to avoid.

1300: Crew called work for the day due to rain. Took photos and left site.

Additional Comments

N/A

Signature





photo_1-20230103-pre_weeding_facingW.jpg
-118.1729559444445 34.1931153333333



photo_2-20230103-post_weeding_facingW.jpg
-118.17294819444444 34.193142511111105



photo_3-20230103-pre_weeding_facingW.jpg
-118.1728408888889 34.19323408333333



photo_4-20230103-post_weeding_facingW.jpg
-118.1728456722222 34.19322775

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	13:30	58 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten pulling weeds.

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, CAQU, RCKI, CANG, MODO, LEGO, BUSH, YRWA, DEJU,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: The crews began weeding along the slopes behind the "mining pit" removing all the new sprouts of hemlock and mustard. Crews continued moving SW until 1330.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-before-facing-E-101704.jpg



photo_2-VegetationRemoval-after-facing-E-2.jpg
-118.1729402611112 34.193346



photo_3-VegetationRemoval-before-facingN-.jpg



photo_4-VegetationRemoval-after-facingN-.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	37 °F	4-6 MPH	0 %
End of Day	14:00	53 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding DG-4 WOUS 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:

SPTO, CATH, WCSP, CALT, MALL, CANG, NOFL, BEWR, CORA, CASJ, AMCR, WREN, BUFF, AMCO, RNDU, RCKI, BUSH, RUDU, MODO, BLPH, BGGN, HOME, NUWO, LEGO, YRWA, HUVI, domestic duck, LASP, DEJU, ACWO, CAKI, HETH, OATI, HOFI, ANHU, SAPH, RSHA, DCCO, RTHA, SOSP, COHA, AMKE, coyote, California ground squirrel, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0645: Surveyed work area for the day.

0655: Crew began working in DG-4 WOUS near the south end of the area. Primary targets were poison hemlock and mustard. Swept ahead of crew to look for natives etc.

1000: Surveyed flooding, noted that a significant portion of DG-4A is currently underwater and inaccessible, perimeter trail is partially flooded, the mining pit is flooded and is currently draining, and water continues to flow from the upper Arroyo into the reservoir. Some slope excision occurred during high flows and is likely ongoing, planning to document this in fieldmaps when the Arroyo stops flowing.

1200: Noted two RTHA courting on an updraft, will begin watching out for nest behavior.

1345: Crew began wrapping up weeding, inspected site.

Additional Comments

A large population of crows (300+) roosted overnight on site in the eucalyptus and a large willow next to Boulder. Suspect these are the crows that usually fly east over the site first thing every morning.

Signature





photo_1-20230117-before_weeding_facingNW.jpg
-118.17374515277778 34.19184136111111



photo_2-20230117-after_weeding_facingNW.jpg
-118.17372311111112 34.19181447222222



photo_3-20230117-basin_level_facingS.jpg
-118.17285208333334 34.192493388888884

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	4-6 MPH	5 %
End of Day	13:45	54 °F	4-6 MPH	25 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 12 weeding DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, WBNU, SPTO, CANG, NOFL, WREN, AMCR, RCPA, CALT, HOFI, BUSH, RNDU, RCKI, BEWR, CASJ, BGGN, NUWO, ACWO, MODO, KILL, CAKI, COHA, SOS, BLP, DEJU, LASP, AMKE.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0640: Cleared work area and crew began weeding DG-4 WOUS, primarily targeting mustard and poison hemlock near the edges of the channels.

1345: Crew began wrapping up for the day.

Additional Comments

N/A

Signature





photo_1-20230118-before_weeding_facingNE.jpg
-118.17368431944445 34.19207385



photo_2-20230118-after_weeding_facingNE.jpg
-118.17349675 34.192534861111106



photo_3-20230118-before_weeding_facingS.jpg
-118.17317201388889 34.19242641666666



photo_4-20230118-after_weeding_facingS.jpg
-118.17317746666667 34.192417361111104

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: January 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	4-6 MPH	30 %
End of Day	15:00	56 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of seven plus Caesar Olmos 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: BUSH, CASJ, CATH, WEBL, YRWA, AMCR, ACWO, BLPH, SAPH, RCKI, KILL, CANG, MALL, ALHU, CAKI, RTHA, SOSP, CALT, SPTO

Mammals: Cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2 west of Johnson Field. Target species include: poison hemlock, grasses and bittercress.

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.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Siteview_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 19, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	14:00	55 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 10

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CANG, CALT, CATH, YRWA, MALL, AMCO, BLPH, WEKI, ACWO, MODO, BUSH, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the work area.

0700: Crews began weeding DG4-WOUS at the North end.

0915: Crews then moved to South DG-4 WOUS and weeded the planting areas and just south of the planting area.

Crews stopped pulling at 1400 and began cleanup.

Additional Comments

N/A

Signature





photo_1-DG4WOUS-During-facingN-.jpg



photo_2-VegetationRemoval-before-facingS-.jpg



photo_3-VegetationRemoval-after-facing-S-.jpg
-118.17397170277778 34.19126807222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: January 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	15:00	56 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Caesar Olmos 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: BUSH, CASJ, CATH, WEBL, YRWA, AMCR, ACWO, BLPH, RCKI, KILL, CANG, MALL, ALHU, COHA, SOSP, CALT, MAKE, WEWP

Mammals: Cottontail, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include poison hemlock, grasses and bittercress.

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.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Coopers_hawk_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	0 %
End of Day	11:00	54 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CASJ, CALT, CATH, BUSH, YRWA, CANG, MALL, NOFL, WEKI, ACWO, Coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I checked the area before work. Crews began pulling at 0700 South of DG-4WOUS on the connection to boulder. Crews worked up to the East edge of boulder.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facingN-.jpg



photo_2-Vegetation_Removal_during_facingW-.jpg



photo_3-Vegetation_Removal_after_facingN-1.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	14:45	60 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding the tire wash and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ANHU, CALT, HOFI, CANG, OATI, BEWR, SOSP, EUST, YRWA, BGGN, RTHA, CASJ, CATH, ACWO, western fence lizard, desert cottontail, coyote with prey (desert cottontail).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting.

0640: Drove to tire wash and surveyed area. Crew began weeding; had crew exclusively focus on mustard.

Numerous natives flagged off, large swaths skipped due to native density.

0900: Crew moved to DG-4A, the northernmost section. Large areas covered in mustard.

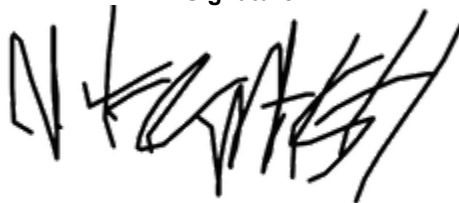
1000: Flagged out plant locations in DG-4 WOUS within sight of crew.

1430: Crew began cleaning up, left site.

Additional Comments

N/A

Signature





photo_1-20230123-pre_weeding_facingN.jpg
-118.17811180555556 34.18667675



photo_2-20230123-after_weeding_facingN.jpg
-118.17807772222223 34.186683091666666



photo_3-20230123-before_weeding_facingN.jpg
-118.17272541666667 34.19336422222222



photo_4-20230123-after_weeding_facingN.jpg
-118.17274263888889 34.19336219444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	15:00	65 °F	10-12 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 Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, NOFL

Reptiles: Western Fence Lizard

Mammals: California ground squirrel

Amphibians: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins weeding in DG-2. Main target species include poison hemlock, erodium, 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.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_species_removal_DG-2_facingSW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	14:30	64 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight weeding in DG-4

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, SPTO, BUSH, ACWO, CALT, WREN, CATH, BEWR, CANG, AMCO, KILL, HOFI, MALL, CAKI, COYE, YRWA, MODO, EUST, LEGO, WCSP, ANHU, COME, SAPH, domestic mallard, NOMO, ECDO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0650: Monitored weeding in the far northern area of DG-4; the staked area north of the dirt pile. Ground was covered in shin-height poison hemlock resprouts. Continued flagging phase 3 planted areas nearby.

1415: Crew began wrapping up work for the day, left site.

Additional Comments

N/A

Signature





photo_1-20230124-before_weeding_facingS.jpg
-118.17227980555556 34.19357362777777



photo_2-20230124-after_weeding_facingS.jpg
-118.17228980555556 34.193548944444444

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	15:00	69 °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 eight plus Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, KILL

Reptiles: Western Fence Lizard

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew begins work weeding in DG-2. Main target species include poison hemlock, erodium, 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

1445: Crew stops work for the day.

Additional Comments

Having issues renaming the photo - should be: Invasive_species_removal_DG-2_facingSW

Signature





Invasive_species_removal_DG-2_facingSW

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: January 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	15:00	68 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Caesar Olmos 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: BUSH, CASJ, CATH, SPTO, WEBL, YRWA, AMCR, ACWO, BLPH, RCKI, KILL, CANG, MALL, ALHU, CALT, BGGN

Reptiles: western fence lizard

Mammals: Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include poison hemlock, grasses and bittercress.

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.

1350: Biologist finds old stick nest in a willow tree. Possibly a song sparrow.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_work_DG-2_facingNE.jpg



Old_stick_nest_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 25, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	4-6 MPH	0 %
End of Day	14:00	70 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BEWR, CAQU, CALT, CASJ, ACWO, BGGN, TUVU, CATH, MODO, BUSH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I walked the North side and cleared the area for the crew to begin work.

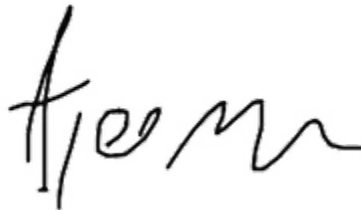
0700: Monitored weeding in the North side along the arroyo removing patches of poison hemlock.

1400: Crews finished weeding.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval_before-facing-N.jpg



photo_2-VegetationRemoval-after-facing-N.jpg



photo_3-VegetationRemoval-NorthArea-facingN-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: January 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:30	66 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Walking Johnson Field and DG-2 scanning for and pulling weeds.
2. Hand tools (hoes, shovels) and hand pulling.
3. Gothic crew of ten plus Cesar Olmos.

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, NOMO, AMCR, CALT, CANG, MALL, BGGN, CATH, ANHU, RCPA, CASJ, CORA, CEDW, MODO, ROGO, HOFI, COHA, EUST, LEGO, RSHA, BEWR, ACWO, WCSP, YRWA, WEBL, SPTO, RCKI, RTHA, SOSP, BLPH, NOFL

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Fence Lizard, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

1200: Crew broke for lunch.

1300: Resumed work. All day - monitored while crew weeded across DG-2.

Additional Comments

N/A

Signature





Crew_weeding_DG2_adjacent_to_inundated_slope.jpg
-118.1726521055556 34.18978136111111



Erosion_near_irrigation_DG3A.jpg
-118.17303923055556 34.18701408333333



Poison_hemlock_sprouts.jpg
-118.17147829444446 34.19075429722222



Area_cleared_of_hemlock_seedlings.jpg
-118.17269747222223 34.18894977777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 26, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	7-9 MPH	0 %
End of Day	14:00	72 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

BGGN, CATH, SPTO, WCSP, RTHA, MODO, TUVU, ACWO, CASJ, CANG, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area for the crew to work.

0700: Crews began working on the North end (DG-4) working from North to South.

0900: Three crew members split off to use the steamer to remove weeds and test its effectiveness.

1100: Crews stopped with steamer and continued weeding. Crews stopped work at 1400.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-area1-facingN-.jpg



photo_2-VegetationRemoval-area2-facingN-.jpg



photo_3-VegetationRemoval-withSteamer-facingE-.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:00	66 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing/invasive weed removal
2. Hand tools (hoes, shovels) and hand pulling
3. Gothic crew of ten plus Cesar Olmos

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: CATH, SPTO, CALT, ACWO, CANG, MALL, AMCR, KILL, WCSP, SOSP, RSHA, CASJ, ANHU, BUSH, RCKI, HOFI, NOMO, BEWR, ROGO, GRGO, ALHU, RTHA, LEGO, NOFL, NUWO, WEBL, CAKI

Mammals: Beechey Ground Squirrel

Herps: Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived and had morning huddle.

0700: Crew resumed work on end of DG-2 working towards Johnson Field.

0900: Crew broke for break.

1200: Crew broke for lunch.

Additional Comments

Alerted crew that many seedlings coming up are native Redmaids (Calandrinia) and warned that their flowers are similar to the invasive Erodium, and to make note of the leaves prior to weeding.

Signature





Erodium_compared_to_native_Calandrinia.jpg



Ross's_Goose_and_Graylag_Goose.jpg



Crew_weeding_DG2.jpg

-118.17241768055555 34.18857047222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 27, 2023

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

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of eight.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, BLPH, CANG, SPTO, LEGO, CATH, CAQU, CASJ, WEKI, WCSP, SOSP, AMCR, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area while the crew set up.

0700: Monitored weeding. Crews began weeding the last sections of the North end of DG-4.

1020: Plants from nursery were delivered and crews unloaded and fenced off the plants.

1230: Crew began weeding DG-4 WOUS around the flagging in preparation for planting on Monday. Crews finished at 1400.

Additional Comments

N/A

Signature





photo_1-VegetationRemoval-Nothside-facingE-.jpg



photo_2-Plant-dropoff-.jpg



photo_3-VegetationRemoval-DG4-WOUS-facingN-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	14:45	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. Crew of seven plus Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUSH, NOMO, KILL, AMKE

Reptiles: NA

Mammals: California Ground Squirrel, Desert Cottontail

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

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

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

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

1445: Crew stops work for the day.

Additional Comments

N/A

Signature

WDA



Invasive_species_removal_DG-2_facingS.jpg



Invasive_species_removal_DG-2B_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	95 %
End of Day	14:00	52 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natives Image crew of nine working on planting prep in DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CATH, ACMR, ACWO, BUSH, NOFL, RTHA, CALT, OATI, COYE, WCSP, CASJ, BEWR, CANG, SOSP, MODO, CAKI, SPTO, BGGN, HOFI, AMKE, SAPH, MALL, PEFA, GWTE, COME, HOME, RNDU, ANHU, YRWA, RSHA, RUDU, DEJU, LEGO, OATI, RCKI, OCWA, NUWO, AMRO, WREN, CORA, BLPH, WEME, WEBL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailgate with crew about plan for day. Precipitation a little heavy, crew waited until it slowed down.

0810: Cleared crew to work. Directed irrigation placement and walked crew through plant placement. Flagged out plant locations. Half of crew on cage setup. Planning to plant at end of day.

1345: Starts raining, planting put on hold until tomorrow. Took photos etc.

Additional Comments

N/A

Signature





photo_1-20230130-channel_flagging_facingN.jpg
-118.172616 34.19286380555554



photo_2-20230130-cage_setup_facingS.jpg
-118.1732449 34.19388407222222



photo_3-20230130-new_irrigation_facingS.jpg
-118.172442175 34.19292941666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: January 30, 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	57 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing.
2. Hand tools.
3. Two Natures Image crewmembers.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

COHA, RTHA, WEBL, CASJ, Coyote, cotton tail, AMCR, AMRO, CALT, CATH, HOFI, ACWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Met with team, planned for the day, surveyed site DG-4A. mildly heavy rain, crew waited for it to slow down.

0800: Crew weeding, continued to survey.

1030: Moved to DG-4 WOUS to weed, surveyed area.

1200: Continued to monitor DG-4 WOUS site, survey.

1400: Crew wrapped up for the day due to rain.

Additional Comments

N/A

Signature





photo_1-20230130-pre_weeding_DG4A.jpg
-118.17534833333333 34.19117333333333



photo_2-20230130-post_weed_DG4A.jpg
-118.17536833333334 34.19121



photo_3-20230130-pre_weeding_DG4WOUS.jpg
-118.17358166666668 34.191849999999995



photo_4-20230130-post_weeding_DG4WOUS.jpg
-118.17360833333333 34.191846666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: January 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	02:45	67 °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 Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TUVU

Reptiles: NA

Mammals: 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 in DG-3A. Main target species include poison hemlock, erodium, mustard and non-native grasses.

0900: Crew takes a break.

0915: Crew returns to work weeding in DG-3A.

1200: Crew breaks for lunch.

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

1445: Crew stops work for the day.

Additional Comments

N/A

Signature

~~CONFIDENTIAL~~



Invasive_species_removal_DG-3A_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: January 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	15:00	59 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten planting in DG-4 WOUS (north)

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, CASJ, CALT, SPTO, WREN, RSHA, AMCR, BUSH, MODO, ANHU, OATI, ALHU, ECDO, ACWO, CAQU, CATH, NOMO, RCKI, BGGN.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

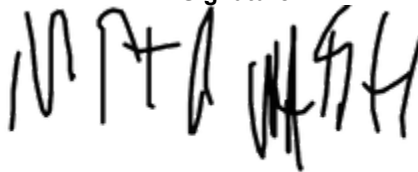
0700: Monitored planting. Two crew members planting, two on irrigation, two on placement, four on cages. Oversaw planting and placement. Instructed crew on proper placement with regard to ecology of species.

1450: Crew began wrapping up.

Additional Comments

Planted 42 mugwort/coyote brush/blackberry container plants (total 126)

Signature





photo_1-20230131-new_plants_facingN.jpg
-118.17313737222223 34.19293508333333



photo_2-20230131-new_plants_facingE.jpg
-118.1730086 34.19295825



photo_3-20230131-new_plants_facingW.jpg
-118.17249023333333 34.19296263888886



photo_4-20230131-closeup_rubus_facingN.jpg
-118.17274425000001 34.19286813888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: January 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	7-9 MPH	0 %
End of Day	14:45	64 °F	10-12 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures image crew of two weeding in DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WCSP, CALT, CATH, AMCR, SOSP, AMRO, CAQU, WEKI, TUVU, AMKE, RTHA, ACWO

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I cleared the area.

0650: Two crew members spent the day weeding, primary target was ankle-height poison hemlock. Crews cleared around areas where nursery plants will be added near the southern area of DG-4 WOUS, ahead of planting crew.

1445: Crew finished for the day and began cleanup.

Additional Comments

N/A

Signature





photo_1-Vegetation_Removal_before_facing_N.jpg



photo_2-Vegetation_removal_after_facing_N.jpg



photo_3-Vegetation_removal_before_facing_W-.jpg



photo_4-Vegetation_removal_after_facing_W-.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	14:30	65 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic vegetation removal.
2. Hand tools (shovels, hoes) and hand pulling.
3. Gothic crew of ten plus Cesar Olmos.

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: CATH, ACWO, EUST, BLPH, CORA, CANG, MALL, CALT, SPTO, CASJ, SOSP, WCSP, BEWR, MODO, ROGO, RCKI, KILL, YRWA, RNDU, HOME, CEWA, HOFI, RTHA, RSHA, LEGO, WEBL, CAKI, ANHU, ALHU
Mammals: Audubon's Cottontail, Coyote, Fox Squirrel, Gopher
Herps: Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Crew began hand weeding the side slopes.
0830: Crew broke for break.
1130: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_weeding_side_slopes.jpg
-118.17349594444445 34.185967811111105



Waterbirds_utilizing_dam.jpg
-118.17676533333334 34.18629607222222



Weeded_portion_of_slope.jpg
-118.1735310722223 34.1855866888888

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	4-6 MPH	0 %
End of Day	14:15	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four collecting cuttings in DG-4 and DG-4A.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WREN, CAKI, SOSP, LISP, ACWO, NUWO, NOMO, CATH, ANHU, RSHA, CAQO, CASJ, CALT, AMCR, BUSH, SPTO, BEWR, NOFL, MODO, NOFL, ECDO, WCSP, WBNU, LEGO, HOFI, AMRO, CANG, RNDU, EUST, OATI, RTHA, BLPH, RCKI, SAPH, LASP.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting to discuss nesting bird restrictions.

0645: Performed a nesting bird survey of southernmost DG-4A clearing. Cleared crew to work. They helped the planting crew for a while; I helped with plant placement.

1000: Cleaned out storage bins for stakes, filled with fresh water.

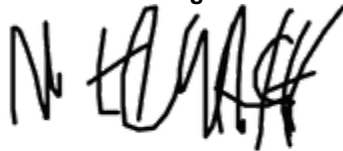
1045: Crew began collecting stakes; targets were *Salix goodingii* and *Salix lasiolepis*. Monitored these activities.

1400: Crew worked on getting the steamer ready to be serviced, put away stakes.

Additional Comments

Collected 92 black willow, 9 arroyo willow

Signature





photo_1-20230201-stakes_facingW.jpg
-118.17534068611111 34.19244052777778



photo_2-20230201-stakes_facingW.jpg
-118.17533325000001 34.19243622222222



photo_3-20230201-collection_area_facingW.jpg
-118.17726266666668 34.18913576111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	14:15	65 °F	7-9 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of two on weeding and five on planting and five on cutting collection.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RTHA, TUVU, CANG, CALT, ACWO, CASJ, CAQU, BUSH, AMCR, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

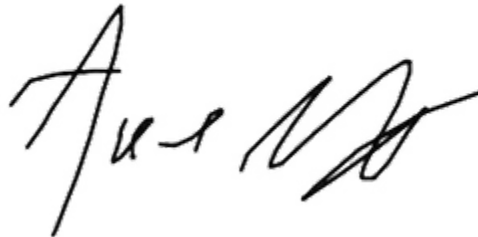
0630: I conducted a nesting bird survey for the weeding crew.

0700: Crew began weeding in DG4-WOUS. After 1200 I jumped between monitoring weeding crew and planting crew. Crews finished at 1415 and began cleanup.

Additional Comments

102 plants planted today.

Signature





photo_1-Vegetation_removal_before_facing_W.jpg



photo_2-Vegetation_removal_after_facing_W-.jpg



photo_3-Planting_DG4WOUS-.jpg



photo_4-Planting_DG4WOUS-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	10 %
End of Day	02:30	65 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Ricardo, Jose, Raul with Natures Image (NI). Cutting willow stakes with hand tools. Two crews from NI 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:

SOSP, SPTO, BEWR, CASJ, NOFL, AMCR, LEGO, EUST, WCSP, HOFI, CALT, RCKI, RCPA, CATH, ANHU, OATI, YRWA, RSHA pair, RTHA, ALHU, ACWO, NUWO, HUVI, OCWA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Began with weeding crew near the staging area, then moved South to DG-4A to cut black willow stakes.
0900: Move North to cut mulefat stakes DG-4. Monitored weeding, mostly hemlock and mustard. Two crew using hoes and rakes. Through the rest of the day I moved around with the stake cutting crew for willow stakes. No nesting activity observed but one Acorn Woodpecker was inspecting a cavity in a snag. See additional notes below.

Additional Comments

Red-shoulder hawks are really vocal throughout the morning and hanging out paired. They scared off a young red-tailed hawk south of the staging area. Same place as last year.

Signature





photo_1-Active_bee_colony_in_downed_tree.jpg
-118.17564922222223 34.19179452777777



photo_2_examining_willows_for_limb_viability.jpg
-118.17734422222223 34.18903969444444



photo_3_one_area_where_willow_stakes_were_cut.jpg
-118.17674391666667 34.188830588888884



photo4_trimming_and_collecting_stakes.jpg
-118.17598256944444 34.19161611944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	0 %
End of Day	14:30	65 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: CORA, ACWO, HOFI, CANG, MALL, ROGO, NOSH, RNDU, CEWD, HOME, NUWO, BLPH, SOSP, RCKI, BUSH, CATH, LEGO, CASJ, KILL, WEBL, BEWR, CALT, SPTO, NOFL, WCSP, ANHU, OATI, YRWA, CAKI, RSHA, RTHA, SAPH, RUDU

Mammals: Audubon's Cottontail, Beechey Ground Squirrel

Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew resumed work on side slopes.

0900: Crew broke for break.

1100: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_weedng_side_slopes.jpg
-118.1737577666667 34.185480488888885



Northern_flicker.jpg



Oak_titmouse.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 2, 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	67 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six planting, two weeding and four cutting collection.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

WEBL, LEGO, AMRO, CALT, CALT, ACWO, SPTO, SOSP, WCSP, BUSH, RSHA, MODO, CANG, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey for the planting crew.

0700: Crews began planting in DG4-WOUS North and center starting with nursery plants.

0930: Crews began putting in willow cuttings in at WOUS North.

1300: Crews finished up nursery plants and ended the day plating cuttings and working on irrigation.

Additional Comments

91 black willows cuttings planted total. 72 in WOUS North and 19 center. 60 nursery plants planted in WOUS center.

Signature





photo_1-Planting_Nursery_Plants_facingE-.jpg



photo_2-Planting_Willow_Cuttings_facingE-.jpg



photo_3-Planting_Willow_Cuttings_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	60 %
End of Day	14:30	70 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image weeding crew of two.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SOSP, BEWR, OATI, ACWO, CATH, CALT, AMCR, RCKI, YRWA, MODO, CSJA, ANHU, CEDW, NOFL, AMCR, SPTO, WCSP, RTHA immature, HETH, HOFI, NUWO, CANG, GWTE, RNDU, MALL, RUDU, BLPH, RSHA pair, HUVI, AMRO, LEGO. CAQU, WEBL, WREN, WBNU, AMKE

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Take crew to weeding site just on the other side of the gate cable west of the staging area. Walk through willow habitat checking for nest activity pre-stake cutting.

0800: Weeding crew finds viable willow stakes in North primrose. Found three ACWO investigating a cavity in a broken top willow snag. Identified as ACWO_01 in collector but it needs followup.

1230: Another nest investigation. ACWO_02 also needs followup. Monitored weeding crew in the afternoon. Poison hemlock and mustard most dominant weeds, but natives also showing.

Additional Comments

RSHA pair copulated on top of a power pole. Very vocal. Chased off second year RTHA from willow trees in primrose area. Huge Western Toad in an irrigation box, one whiptail.

Signature





photo_1_stakes_cut_from_yesterday.jpg
-118.17539705555556 34.192472611111111



photo_2-preweeding_area_facing_NE.jpg
-118.17514716666668 34.19201313888889



photo_3_evidence_of_woodrat_chewing_of_willow_barkwith_2_stick_midden_homes_in_background.jpg
-118.17635506944445 34.19056605555555



photo_4_post-weeding.jpg
-118.17508156944444 34.19196078888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: February 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	0-3 MPH	70 %
End of Day	15:00	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of seven plus Caesar Olmos 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: RSHA, RTHA, COHA, BUSH, CASJ, CATH, SPTO, YRWA, AMCR, ACWO, MALL, ANHU, CALT

Reptiles: Western fence lizard

Mammals: Cottontail, California ground squirrels

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: poison hemlock, grasses and bittercress.

0900: Crew takes a break.

0915: Crew moves to work on removing grasses from the side slopes near front entrance.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_DG-3A_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	51 °F	7-9 MPH	50 %
End of Day	14:00	72 °F	0-3 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five planting, two weeding and three cutting and collecting.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, CALT, WEBL, RSHA, ACWO, BUSH, LEGO, RCKI, CANG, CATH, BLPH, RCPA, coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a bird survey in the planting areas.

0715: Crews began working DG-4 WOUS North. The crew spent the day installing mule fat cuttings finishing off the north area and putting extra cuttings into WOUS center.

1315: Crews began working on caging plants and running irrigation to new plants. I then took over the wedding crew. Work finished at 1400 and crews finished with cleanup.

Additional Comments

125 mule fat cuttings planted in DG-4 WOUS North.

Signature





photo_1_Planting_Mulefat_Cuttings_facingN-.jpg



photo_2_Planting_Mulefat_Cuttings_facingN-.jpg



photo_3_Flagging_WOUS_center.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:55	68 °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 Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUSH, NOMO, MAKE, CAKI, SAPH, TUVU

Reptiles: Western Fence Lizard

Mammals: California Ground Squirrel, Mule Deer, Coyote

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 in the Side Slopes. Main target species include poison hemlock, erodium, mustard and non-native grasses.

0730: Crew leaves the Side Slopes because construction crews clearing the road begin work in that area. Crews begin non-native removal in DG-2A.

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.

1445: Crew stops work for the day.

Additional Comments

N/A

Signature





Invasive_species_removal_Side_Slopes_facingNE.jpg



Invasive_species_removal_DG-2A_facingNW.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	4-6 MPH	0 %
End of Day	14:15	64 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four collecting cuttings at the San Gabriel River on reach 40A

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AWPE, DCCO, AMCO, EUST, RUDU, SNEG, MALL, NOMO, CASJ, BLPH, CANG, RWBL, GREG, HOFI, BEWR, ALHU, YRWA, CALT, SAPH, BGGN, AMKE, WEME, CAKI, MODO, KILL, AMCR, ANHU, MALL, HOSP, TUVU.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site (San Gabriel River) caravanned to reach 40A on trail.

0700: Monitored collection efforts; targets were mulefat, black willow and arroyo willow.

1300: Crew left to deliver stakes to Devils Gate. I surveyed for targets for tomorrow.

Additional Comments

Yield for the day:

Mule fat: 200

Black willow: 100

Arroyo willow: 150

Signature





photo_1-20230206_salix_cuttings_facingS.jpg
-118.00449386111111 34.065688055555555



photo_2-20230206_crew_working_facingW.jpg
-118.00449155555556 34.06557447222222



photo_3-20230206_stakes_facingS.jpg
-118.00490294444444 34.06582308333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: February 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	13-15 MPH	70 %
End of Day	14:30	66 °F	7-9 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation clearing and planting
2. Hand tools (shovels, gloves, cages, stakes)
3. Eight Natures Image staff (two hand weeding in DG-4, six planting in DG-4 WOUS center)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, ALHU, CASJ, WCSP, ACWO, CAQU, CANG, MODO, HOFI, WEBL, CATH, TUVU, RTHA, Cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew talks about the plan for the day, conducted nesting bird survey and cleared crew to work in DG-4 WOUS center with planting and hand weeding (no nest found). Crew did plantings, added fencing irrigation.

1000: Surveyed and did nesting bird survey for DG-4 WOUS south, other part of the crew continues to weed.

1415: Crew starts to wrap up for the day and clean up as I take after photos and data for the day.

Additional Comments

Only had space for before photos of plantings. Crew only planted black willow cuttings and has not completed entire plantings in DG-4 WOUS center and south.

Signature





photo_1-20230206_DG4_pre_weeding.jpg
-118.1748601 34.1926455555555



photo_2-20230206_DG4_post_weeding.jpg
-118.17484958333334 34.1926299722222



photo_3-20230206_DG4WOUS_center_plantings.jpg
-118.17353006944445 34.192402916666666



photo_4-20230206_DGWOUS_south_before_planting.jpg
-118.1739722638889 34.19201485277774

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	0 %
End of Day	14:50	70 °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 eight plus Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUSH, NOMO, MAKE, CAKI, SAPH, TUVU, LEGO, HUVI

Reptiles: Western Fence Lizard

Mammals: California Ground Squirrel, Coyote

Amphibians: NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

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

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

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

1445: Crew stops work for the day.

Additional Comments

I'm unable to rename the first photo, it should be labeled Invasive_species_removal_DG-2A_facingNW

Signature

10/17



Invasive_species_removal_DG-2A_facingNW.jpg



Invasive_species_removal_DG-2_facingNW.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	4-6 MPH	0 %
End of Day	13:00	70 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of three harvesting stakes on reach 40A of the San Gabriel River.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ALHU, SOSP, NOMO, HOFI, DCCO, GREG, CANG, LEGO, RWBL, CORA, RTHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Crew caravanned to work area.

0700: Monitored collection of stakes. Targets were mule fat and black willow.

1300: Crew began wrapping up for day, left site.

Additional Comments

Yield:

Mule fat: 250

Black willow: 150

Signature





photo_1-20230207_blackwillow_cutting_facingW.jpg
-118.0045713055556 34.0657553888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 7, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	14:15	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six planting and two 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:

CATH, CALT, BEWR, WEKI, SOSP, WCSP, RSHA, AMCR, CASJ, CAQU, RCKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

I monitored both weeding and planting crews.

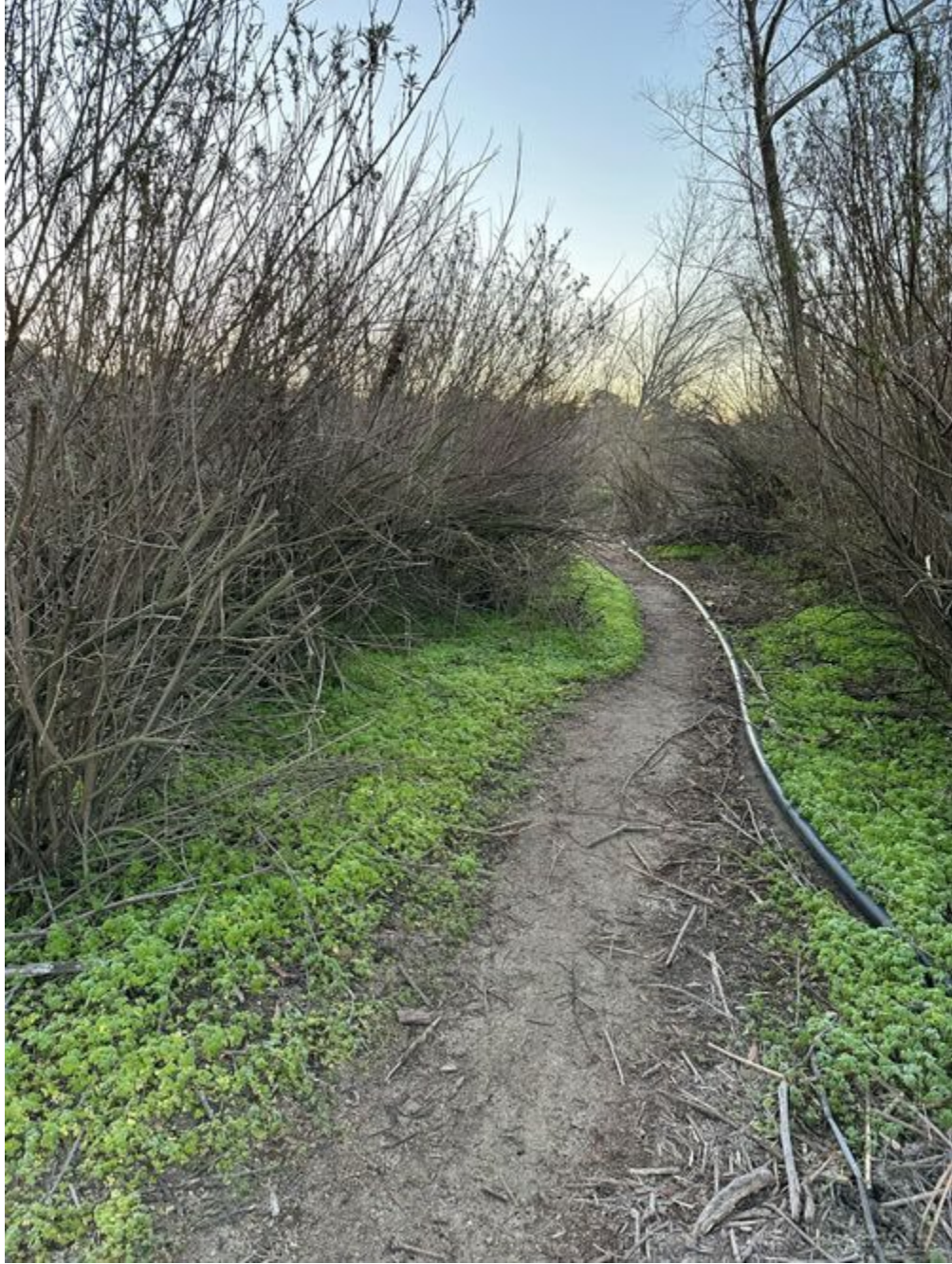
0630: I began bird surveys for both areas. Weeding crew was placed in DG-4A along the channels of mining pit outlet. Planting crew worked in DG-4 WOUS South planting nursery plants. Crews planted and weeded until 1415 and then finished the day with irrigation and caging plants.

Additional Comments

32 mugwort 16 blackberry 16 cottonwood 16 coyote bush

Signature





photo_1-Vegetation_Removal_before_facingE-56.jpg



photo_2-Vegetation_Removal_after_facing-E-.jpg



photo_3-Planting_WOUS_South-.jpg



photo_4-Planting_WOUS_South-.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:30	71 °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) and hand pulling
3. Gothic crew of ten plus Cesar Olmos

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, CATH, SOSPO, HOFI, ACWO, RSHA, AMCR, RCPA, BEWR, WCSP, CASJ, ANHA, BLPH, MODO, ALHU, CANG, KILL, MALL, RNDU, CORA, RCKI, CEDW, NUWO, BUSH, BGGN, LEGO, RTHA, CAKI, OATI, NOMO

Mammals: Beechey Ground Squirrel, Audubon's Cottontail

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

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: crew gathered and began weeding work just below the south side of Johnson Field.

0700: Walked with Cesar to DG-3A to discuss potential planting plans for the container plants arriving later in the day.

0850: Picked up plants from CalBG deliverer.

1030: Started planting the container plants along DG-3A.

1200: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_weeding_burm_south_of_Johnson_Field.jpg
-118.1716505055556 34.19084898333333



CalBG_plants.jpg
-118.17371641666666 34.18533319444444



Newly_planted_Coast_live_oak.jpg
-118.17284485277779 34.18750721111111



New_plantings_DG3A.jpg
-118.17328076666666 34.18631848888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	4-6 MPH	0 %
End of Day	14:45	69 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four staking 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:

NOFL, CASJ, SOSP, WREN, ACWO, AMCR, SPTO, AMRO, CATH, WCSP, MODO, ANHU, WEBL, RTHA, CAQU, RCKI, CAKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard with crew.

0640: Nesting bird survey- no nesting activity yet, CATH very vocal.

0655: Monitored installation of stakes in DG-4 WOUS and WOUS connections. Crew backfilled arroyo willow, mulefat, and black willow into areas planted with container plants earlier in the week. Flagged out locations of stakes for crew.

1430: Crew began wrapping up for the day.

Additional Comments

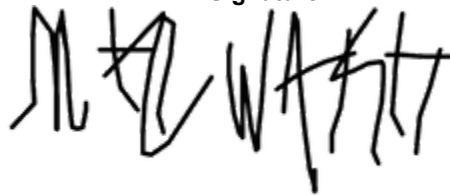
Crew installed:

75 arroyo willow

75 mule fat

25 black willow

Signature





photo_1-20230208_new_stakes_facingN.jpg
-118.17370650000001 34.19202469444444



photo_2-20230208_new_stakes_facingN.jpg
-118.17351128888889 34.19246155555555



photo_3-20230208_new_stakes_facingS.jpg
-118.17351810277778 34.19245708333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	18:30	47 °F	0-3 MPH	0 %
End of Day	14:30	71 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Planting crew of five in DG-4A (next to DG-4 Sheetflow) two on weeding in DG-4B.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

MODO, RTHA, RSHA, BEWR, RCKI, WEKI, CANG, SOSP, WCSP, BLPH, AMCR, GREG, ACWO, CATH, CAQU, CASJ, CALT.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

I monitored half the planting crew and two crew members in weeding.

0630: I conducted bird surveys for both crews.

0700: Crews began weeding along phase one planted area near the parking lot (DG-4B). Planting crew began work in sheetflow, planting nursery plants all day. Crews finished painting at 1430 and then began cleanup.

Additional Comments

128 nursery plants total 32 from each of the four species (mugwort, coyote brush, blackberry, cottonwood)

Signature





photo_1-Vegetation_Removal_begore_facingE-.jpg



photo_2-Vegetation_Removal_after_facing-E-4.jpg



photo_3-Planting_sheetflow-.jpg



photo_4-Planting_sheetflow-.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	4-6 MPH	0 %
End of Day	14:30	76 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal, maintaining basins in Johnson Field, and working on irrigation for native plantings along upper portion of DG-3A.
2. Hand tools (hoes; shovels) and hand pulling.
3. Gothic crew of ten plus Cesar Olmos.

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: HOFI, ACWO, CEDW, SPTO, CAQU, RCPA, BEWR, WCSP, AMCR, CASJ, CATH, RCKI, RTHA, MALL, RNDU, CANG, KILL, LEYE, RUDU, ANHU, NUWO, BUSH, LEGO, BGGN, CALT, COHA, ALHU, OATI, MODO, BLPH

Mammals: Mule Deer (fresh tracks), Audubon's Cottontail, Beechey Ground Squirrel

Herps: Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: crew deployed to Johnson Field to weed/fix old watering basins.

0700: Cesar went to work on irrigation for the new plantings located in DG-3A.

0830: Crew broke for break.

0850: Observed a COHA in DG-2 perched on one of the older willows.

1230: Crew broke for lunch.

Additional Comments

As was the case last year, some of the cottonwood appear to have Melampsora (leaf rust) disease. This does not appear to be for all cottonwoods within the site, but should be monitored for increased severity.

Signature





Mule_deer_tracks_DG2.jpg
-118.17306730555556 34.188403844444444



Lesser_Yellowlegs_near_dam.jpg



Melampsora_afflicted_Cottonwood_leaf.jpg
-118.17213933333333 34.19193958333333



Crew_weeding_along_DG1.jpg
-118.17192302777778 34.19215263888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 9, 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	78 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weeding of non-natives

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, NUWO, RCKI, CALT, CASJ, ACWO, NOFI, RCPA, NOMO, CAQU, CATH, SPTO, OATI, LEGO, big-eared woodrat nest on ground under oak, WCSP, ECDO, HOFI, ANHU, SOSP, SAPH, AMRO, MODO, HETH, BUSH, BLPH, BEWR, western fence lizard, Harford's Sulphur, Common Buckeye, California ground squirrel, RTHA, eastern fox squirrel, CAKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived onsite.

0645-0700: Orientation by Alec Mang.

0700-0815: Searched for nests ahead of weeding crew working north from parking lot in DG-4A along cable fence.

No nests or sensitive species found.

0815-1420: Weeding of DG-4A continues Northward. Observed CATH singing incessantly.

Additional Comments

N/A

Signature





photo_1-20230209_DG-4A_looking_N_before.jpg
-118.17447166666668 34.19362333333333



photo_2-20230209_DG-4A_looking_N_after.jpg
-118.17446000000001 34.193616666666664



photo_3-20230209_DG-4A_looking_N_from_middle_before.jpg
-118.17420833333334 34.19390166666666



photo_4-20230209_DG-4A_looking_N_from_middle_after.jpg
-118.17428333333334 34.193915

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:30	76 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight conducting 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:

CATH, RTHA, WCSP, WEBL, AMRO, BEWR, HOFI, SOSP, RCPA, RCKI, CANG,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a bird survey for the planting crews.

0715: Crews began planting cuttings in DG-4 WOUS adding mule fat, black willow and arroyo willow.

0915: Crews moved to sheetflow (DG-4A) to add all cuttings.

1300: Sheetflow was finished, and we moved on the flagging and irrigating boulder (DG-4A) in preparation for planting tomorrow.

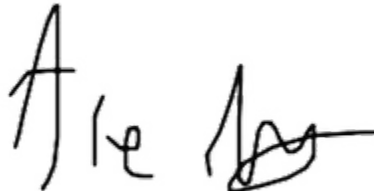
Additional Comments

Planted today:

SHEETFLOW: 40 mule fat, 38 black willow, 25 arroyo willow

WOUS-SOUTH: 75 mule fat, 50 arroyo willow, 50 black willow

Signature





photo_1_planting_sheetflow.jpg



photo_2_planting_sheetflow.jpg



photo_3_planting_boulder.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	13:17	80 °F	0-3 MPH	35 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weeding of non-native plants

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMCR, CAQU, CASJ, CALT, MODO, NUWO, NOFL, SPTO, RCPA, LEGO, NOMO, RCKI, WCSP, HOFI, YRWA, BEWR, BUSH, ACWO, ECDO, PUF1, SOSP, ANHU, AMRO, RSHA, WEBL, California ground squirrel, desert cottontail, CORA, western fence lizard, CATH, BLPH, WREN, SAPH, big-eared woodrat nests on ground, CAKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0657: Preparation.

0657-0710: Checked for nests and sensitive species in DG-4A north of parking lot along cable fence ahead of weeding crew; none found.

0710-0955: Monitored as weeding proceeds northward.

1005-1015: Scouted new weeding area at Boulders in DG-4A for nests, etc. None found, two RSHA observed calling to each other to west.

1015: Monitored weeding just south of Boulders.

Additional Comments

N/A

Signature





photo_1-20230210_DG-4A_looking_N_before.jpg
-118.1742433333334 34.1938966666666



photo_2-20230210_DG-4A_looking_N_after.jpg
-118.1741366666667 34.1940033333333



photo_3-20230210_DG-4A_boulders_looking_SE_before.jpg
-118.17499166666667 34.19092833333333



photo_4-20230210_DG-4A_boulders_looking_SE_after.jpg
-118.17507166666667 34.19089833333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: February 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	5 %
End of Day	15:00	72 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of nine plus Caesar Olmos 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: MAKE, ANHU, BUSH, CASJ, CATH, SPTO, YRWA, AMCR, ACWO, CALT, KILL, RTHA, CAQU

Reptiles: Western fence lizard

Mammals: Coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-1. Target species include: mustard, erodium, grasses and bittercress.

0900: Crew takes a break.

0915: Crew returns to work in DG-1.

1015: Biologist finds dead RNDU in DG-2. Death does not appear work related.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_DG-1_facingN.jpg



RNDU_DG-2.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 10, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	55 °F	0-3 MPH	0 %
End of Day	13:30	70 °F	7-9 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten 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:

SPTO, CALT, RCKI, CASJ, HOFI, WEBL, RSHA, RTHA, RCPA, MODO, CAQU, YRWA , coyote.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a bird survey for the planting areas.

0700: Crews began working boulder (DG-4A) and planting nursery plants.

1300: Planting crews finished planting and moved to installing irrigation and cages on the new plants.

Additional Comments

Boulder: 224 nursery plants planted with even number of each of the 4 species.

Signature





photo_1_planting_boulder.jpg



photo_2_planting_boulder.jpg



photo_3_planting_boulder.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	4-6 MPH	100 %
End of Day	14:30	60 °F	4-6 MPH	75 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of six planting in DG-4A and setting up irrigation in DG-4 WOUS.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, AMRO, NOFL, AMCR, BEWR, SPTO, CALT, CATH, NUWO, CASJ, ACWO, WEBL, RCPA, BHGR, NOMO, ROPI, RSHA, MODO, ANHU, KILL, SAPH, HOFI, CAQU, RTHA, BUSH, WCSP, YRWA, CAKI, BLPH, SOSP, RCKI, AMKE, OATI, coyote, desert cottontail, western toad, California ground squirrel, fox squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Performed a nesting bird survey in DG-4A for the planting crew (boulder section).

0645: Cleared crew to plant, crew planted mulefat and black willow stakes using existing flags.

0650: Went to DG-4 WOUS, spray painted guide dots for irrigation; several areas needed additional 1/2 inch lines. Monitored between both crews for day.

1200: Observed coyote carrying a bag of habanero beef jerky, which it dropped after seeing me. Talked to crew about not leaving food/drinks around; although this was not from them- it was likely litter from off-site left behind after recent rains.

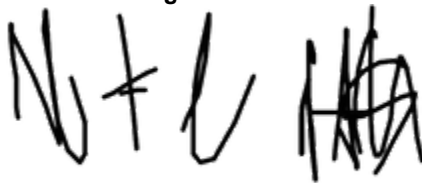
1300: Searched south side of site for raptor nests because a pair of RSHA has been particularly vocal; none yet.

1400: Crew began wrapping up for the day, inspected site and went home.

Additional Comments

Planting yield: 188 mulefat, 50 black willow

Signature





photo_1-20230213-new_stakes_facingN.jpg
-118.17480961111112 34.190409624999994



photo_2-20230213-new_stakes_facingE.jpg
-118.17476618333333 34.19047944444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	100 %
End of Day	14:50	67 °F	4-6 MPH	65 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Caesar Olmos 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU

Reptiles: Western Fence 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-1. 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-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-1.

1445: Crew stops work for the day.

Additional Comments

Form would not let me rename second photo, should be labeled: Invasive_species_removal_DG-1_facingNW

Signature

10/10/20



Invasive_species_removal_DG-1_facingNW.jpg



Invasive_species_removal_DG-1_facingNW.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	49 °F	0-3 MPH	100 %
End of Day	14:30	55 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration weeding of non-native plants

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

ACWO, AMCR, NOFL, NUWO, CASJ, RCPA, CATH (singing), BEWR, SOSF, SPTO, BUSH, AMRO, LEGO, WCSP, YRWA, MODO, ECDO, RSHA, CALT, ANHU, RTHA, HOFI, BGGN, SAPH, small toad or frog, California ground squirrel, WEBL.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0700: Preparation.

0700-0710: Monitored ahead of weeding crew SE of Boulders in mitigation area DG-4A. No nests or sensitive species found.

0700-1430: Weeding continues where crew left off on Friday, 2-10-23 at 1:17 p.m., during which nests and sensitive species were continued to be searched for. Reached midway point between two bare cottonwoods.

Additional Comments

N/A

Signature





photo_1-20230214-DG-4A_Boulders_lookingSE_before.jpg
-118.1750054 34.1909219



photo_2-20230214-DG-4A_Boulders_lookingSE_after.jpg
-118.17502900000001 34.190961099999996



photo_3-20230214-DG-4A_Boulders_midway_lookingSE_before.jpg
-118.1748724 34.190843599999994



photo_4-20230214-DG-4A_Boulders_midway_lookingSE_after.jpg
-118.17486860000001 34.1908356

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	4-6 MPH	100 %
End of Day	14:30	54 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RSHA, BUSH, ANHU, ACWO, AMCR, OATI, NUWO, CASJ, AMRO, CATH, BEWR, SOSP, YRWA, BGGN, AMKE, RTHA, California ground squirrel, western toad.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, surveyed work area for nesting birds.

0645: Flagged and monitored planting of stakes in DG-4A (boulder). Relocated a western toad at 0800.

0900: After a quick nesting bird survey, crew relocated to DG-4 WOUS. Monitored planting of container plants, staking and irrigation setup. Flagged location of plants.

1200: Received plant delivery from CBG. flagged rose locations in DG-4A. Monitored planting.

Additional Comments

Stakes remaining in bin at end of day: 150 black willow, 50 mulefat

Planted in DG-4 WOUS south: 16 rose 58 non-rose containers 32 mulefat 32 black willow

Planted in boulder: 50 black willow 25 arroyo

Signature





photo_1-20230214-before_planting_facingS.jpg
-118.17429675000001 34.19250851388889



photo_2-20230214-before_planting_facingE.jpg
-118.17425969444444 34.19221833333333



photo_3-20230214-after_planting_facingS.jpg
-118.17430133333333 34.19250680555555



photo_4-20230214-after_planting_facingE.jpg
-118.17434620555557 34.192236861111105

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	4-6 MPH	100 %
End of Day	14:30	54 °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) and hand pulling.
3. Gothic crew of ten plus Cesar Olmos.

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: Spotted Towhee, Acorn Woodpecker, Common Raven, American Crow, Red-crowned Parrot, Cedar Waxwing, Mourning Dove, California Scrub Jay, House Finch, American Kestrel, California Thrasher, Oak Titmouse, Song Sparrow, Bewick's Wren, Yellow-rumped Warbler, White-crowned Sparrow, California Towhee, Northern Mockingbird, Ruby-crowned Kinglet, Say's Phoebe, Lesser Goldfinch, Nuttall's Woodpecker, Anna's Hummingbird, Cassin's Kingbird, Red-shouldered Hawk, Killdeer, Blue-grey Gnatcatcher, California Quail, Black Phoebe, Red-tailed Hawk

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

Herps: Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew started weeding along DG-1.

0800: Started to sprinkle on and off for approximately 10 minutes.

0900: Crew broke for break.

1200: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_weeding_DG1.jpg
-118.170070075 34.19443363888889



Creek_with_minor_flow_facingS.jpg
-118.16865044722223 34.197109166666664



Weeded_section_DG1.jpg
-118.1702235 34.19432880555555



Western_Toad.jpg
-118.17057478333334 34.1918771527778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	37 °F	7-9 MPH	0 %
End of Day	14:30	58 °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) and hand pulling.
3. Gothic crew of eight plus Cesar Olmos.

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: American Crow, Bewick's Wren, House Finch, Acorn Woodpecker, Red-crowned Parrot, California Quail, California Scrub Jay, Lesser Goldfinch, California Towhee, Black Phoebe, Anna's Hummingbird, White-crowned Sparrow, Northern Flicker, Western Bluebird, Nuttall's Woodpecker, Sharp-shinned Hawk, Ruby-crowned Kinglet, Bushtit, Red-tailed Hawk, Common Raven, European Starling, Cedar Waxwing, Cassin's Kingbird, California Thrasher, Mourning Dove

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

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

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew resumed work on DG-1.


0830: Crew broke for break.

1215: Crew broke for lunch.

Additional Comments

Some of the crew had been feeling slightly ill yesterday, one ended up testing positive for COVID on a rapid assessment test and was instructed to stay home and take a PCR test. The rest of the crew was given the same instruction should they test positive on a rapid assessment test. There were bouts of high wind throughout the day.

Signature





Crews_weeding_DG1jog.jpg
-118.1689041138889 34.19537475



Potentially_Schinus_polygamus_found_DG1.jpg
-118.16942301666667 34.1951102777777

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	37 °F	7-9 MPH	0 %
End of Day	13:45	54 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of three installing irrigation in DG-4 WOUS/ 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:

AMCR, RCPA, RTHA, MODO, AMRO, CASJ, ANHU, CAQU, ACWO, BHGR, NOMO, NUWO, NOFL, CAKI, WREN, CATH, SPTO, SOSPO, California ground squirrel, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Surveyed work area for nesting birds.

0645: Directed restoration crew in DG-4A on irrigation setup. Flagged plant locations and inventoried plants in work area. Monitored weeding crew in DG-4A when second monitor was not close enough to do so (see their report for weeding details).

1200: Checked ACWO 1 and 2. Gave ACWO-1 a buffer due to high level of activity at cavity.

1330: Crew informed me that we would not be staking/planting my work area today anymore- cleaned up materials and left site.

Additional Comments

N/A

Signature





photo_1-20230215-irrigation_progress_facingE.jpg
-118.17366556944445 34.19188258333333



photo_2-20230215-irrigation_progress_facingW.jpg
-118.17371658333334 34.19197388888889

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 15, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	4-6 MPH	0 %
End of Day	13:45	63 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of five planting and two on 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:

CATH, WCSP, SOSP, HOFI, RTHA, SPTO, CASJ, LEGO, WEBL, BUSH, ACWO, MODO, RCKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey at boulder.

0715: Planting crews and weeding crew began working the area. Weeding crew worked on the South East side of boulder clearing out patches of hemlock and mustard. Planting crews filled in the area with rose and some additional nursery plants. Crews finished planting at 13:45 and finished up with irrigation.

Additional Comments

78 rose

16 coyote brush

16 mugwort

Signature





photo_1-Planting_boulder.jpg



photo_2-Vegetation_Removal_before_facingE.jpg



photo_3-Vegetation_Removal_after_facingE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	4-6 MPH	10 %
End of Day	14:30	61 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: House Finch, Bewick's Wren, Acorn Woodpecker, California Scrub Jay, California Towhee, Mourning Dove, Nuttall's Woodpecker, Lesser Goldfinch, Anna's Hummingbird, Yellow-rumped Warbler, California Thrasher, Mallard, Black Phoebe, Ruby-crowned Kinglet, Turkey Vulture, American Crow, Western Bluebird, European Starling, Wrentit, Red-tailed Hawk, Say's Phoebe, Cedar Waxwing
Mammals: Beechey Ground Squirrel
Herps: Side-blotched Lizard, Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0640: Crew resumed work along DG-1
0830: Crew broke for break.
1150: Crew broke for lunch.

Additional Comments

N/A

Signature





Crew_weeding_DG1.jpg
-118.16934571944445 34.19528869444444



Western_Bluebird.jpg
-118.17138343333333 34.19222066666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	13:30	60 °F	4-6 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image Ceasar and Matt weeding. Whole crew and Alec (Stillwater) join for planting and irrigation install.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

3 coyotes at the Conex on arrival. eight coyotes playing in the dry reservoir until 730. CATH, YRWA, WEBL, CORA, BEWR, LEGO, CSJA, ACWO, CALT, SPTO, RTHA, NOFL, NUWO, AMRO, OATI, WBNU, RCKI, CAQU, AMCR, ANHU, SOSF, RCPA, RSHA.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0700: Crew of two weed East boulder area DG-4A and continue a four foot swath along the irrigation line for planting. Bluebirds and yellow-rumped warblers forage in the recently weeded area. At 1030 we move west across the path to DG-4A to weed (photo4). Planting and irrigation crew follows after 1200. Pair of red-shouldered hawks are active nearby. Crew works till 0130 then cleans up.

Additional Comments

N/A

Signature





photo_1_pre-weeding_east_Boulder.jpg
-118.1748257777778 34.19071998055555



photo_2_post-weeding_and_irrigation_boulder_attracts_high_bird_activity.jpg
-118.17478030555556 34.19078872222216



photo_3_pre_weed_area_southwest_boulder_DG4A-facing_sw.jpg
-118.1754967111112 34.190635961111106



photo_4-Overview_of_pre-planting_area_west_of_boulder.jpg
-118.1753536111112 34.1904103055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	13:30	63 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight 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:

LEGO, CALT, CASJ, RCKI, RCPA, BEWR, AMCR, RSHA, CORA, TUVU, SPTO, SOSP, CAQU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey.

0700: Crews began working in DG-4 WOUS (south) to fill in paths in the area.

1200: Crews moved to DG-4A (Center Upper field) and planted cuttings until end of day.

Additional Comments

Center Upper: 38 mulefat and 30 black willow

WOUS Center 28 rose, 20 coyote brush, blackberry, mugwort, cottonwood. 23 mulefat 23 black willow.

Signature





photo_1-Planting-WOUS.jpg



photo_2-Planting-WOUS.jpg



photo_3-Planting-CenterUpper.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: February 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	90 %
End of Day	01:30	60 °F	4-6 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of nine working on weeding and 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:

CATH, SPTO, NOFL, BEWR, RCPA, RCKI, CSJA, ACWO, AMCR, WREN, AMRO, SOSP, ANHU, CAQU, SOSP
HOPI, NUWO, YRWA, RTHA, MODO, LEGO, BUSH (20+still in large groups), AMRO, CORA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Walk to the days planting site to look for early morning bird activity, very chilly. Spent all day with crew of nine weeding, planting, irrigating. Multiple spp. of birds use the stakes (WEBL) and ground for foraging while people nearby. No nesting activity documented today other than potential COHA (see notes below). Looked at the planted area by the highway- noted that it looks good, but I would suggest irrigation is turned back on. Crew finished weeding and planting at 1310. Finish clean-up after break. I leave.

Additional Comments

Documented 2 potential COHA nests south of the furthest south. DG-4A in the mature eucalyptus and ash trees. COHA_00 and COHA_01 because they don't appear to be active (but we know the hawks can be super cryptic on their nests) and are last years nests. But there was whitewash and a COHA near COHA_00. Both need rechecking.

Signature





photo_1-Pre-weeding_planting_DG4A_west_of_boulder_.jpg
-118.17552480555555 34.19061547222222



photo_2-Weeding_and_planting_progress.jpg
-118.17532175000001 34.19044827777776



photo_3-Example_of_completed_plantings.jpg
-118.1755120388889 34.19063106944444



photo_4_75%_completed_area.jpg
-118.17537771111111 34.19045056944444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: February 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	90 %
End of Day	15:00	68 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of eight plus Caesar Olmos as crew lead.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: COHA, RTHA SOSP CATH, ANHU, BUSH, CASJ, SPTO, AMCR ACWO, CALT, KILL, CORA, CAQU

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: poison hemlock and bittercress.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_DG-2_facingNE.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	90 %
End of Day	13:15	60 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight on 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:

ACWO, COOP, YRWA, WEBL, RSHA, SPTO, CALT, CAQU, WEKI, CATH, BEWR, HOFI, RCPA, CANG.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey.

0700: Crews began planting nursery plants and stakes in DG-4 Center Upper and continued throughout the day.

1300: Crew began cleaning up for the day.

Additional Comments

128 nursery plants of 5 species: 25 mulefat and 50 black willow

Signature





photo_1-Planting-CenterUpper.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: February 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	0 %
End of Day	14:50	77 °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 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TURK, LEGO, HUVI, CAQU, Parrot sp.

Reptiles: Western Fence 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. 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-1.

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1440: Crew stops work for the day.

Additional Comments

Will not let me rename first photo (tried retaking multiple times and it won't work) - should be labeled:

Invasive_species_removal_DG-2_facingNE

Signature



Invasive_species_removal_DG-2_facingNE

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: February 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	0 %
End of Day	14:00	62 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Restoration clearing of non-native plants with hand tools by two Nature's Image crew members,

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

SPTO, CALT, CASJ, LEGO, MODO, BEWR, CATH, AMRO, NUWO, NOFL, ACWO, YRWA, HOFI, RCPA, WEBL, CAQU, WCSP, SOSP, BUSH, ANHU, WREN, AMCR, CORA, BLPH, side-blotched lizard, desert cottontail, RSHA, CAKI, RTHA, California ground squirrel, RBSA, Painted Lady, big-eared woodrat nests, RCKI, ROPI

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Prep.

0650-0720: Checked for nests and sensitive species next to DG-4A (upper center field) weeding site SW of Boulders. None found. SPTO singing from tree 100 feet NW of weeding site.

0720: Weeding of DG-4A proceeds SW to clear dirt for planting, pair of SOSP investigating thicket of poison oak at base of bare 30 foot willow near N end of weeding as if for nesting.

Additional Comments

N/A

Signature





photo_1-20230221-DG4A-SWofBoulders-lookingSW.jpg
-118.17547833333334 34.190596666666664



photo_2-20230221-lookingSW-after.jpg
-118.17546166666668 34.19064833333333



photo_3-20230221-midway.jpg
-118.1755533333334 34.19057166666666



photo_4-20230221-lookingNE-After.jpg
-118.17553500000001 34.19058166666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: February 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	4-6 MPH	10 %
End of Day	15:00	51 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of seven plus Erik Rosales 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: WCSP, CORA, RTHA, ANHU, ALHU, BUSH, CASJ, SPTO, AMCR, ACWO, CALT, YRWA, MALL, HOFI

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-1. Target species include: grasses, erodium, mustard and bittercress.

0900: Crew takes a break.

0915: Crew returns to work in DG-1.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_DG-1_facingS.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 21, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	0 %
End of Day	14:00	63 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Planting crew of seven.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOFL, HOFI, SPTO, CALT, CASJ, RSHA, LEGO, WEBL, ACWO, MODO, CAQU, CATH, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

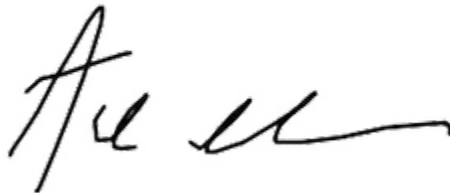
0630: I conducted a nesting bird survey in DG-4A (Center field, lower half).

0715: Crews began planting while I trained one new employee. Crews planted nursery plants for the whole day in DG-4A Center Lower.

Additional Comments

176 nursery plants.

Signature





photo_1-Planting-Center_Lower-.jpg



photo_2-Planting-Center_Lower.jpg
-118.17574698333334 34.18996408333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: February 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	0 %
End of Day	14:00	49 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of four weeding in DG-4A, crew of six planting nearby 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:

WREN, CAQU, NOFL, ANHU, HOFI, CALT, LEGO, CASJ, CATH, AMRO, MODO, SPTO, ACWO, RCPA, CANG, NUWO, RCKI, PUFU, COHA, ALHU, BUSH, BLPH, CAKI, SOSF, WEBL, CORA, WCSP, RTHA, YRWA, coyote, California ground squirrel, desert cottontail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: WEEP training, tailboard with crew.

0715: Pre-construction survey in DG-4A.

0730: Monitored crew during weeding and planting.

1000: Searched for nests, found an ALHU nest, labeled it ALHU_01.

1200: Walking tour of site with Mike Walsh.

1400: Crew wrapped up for the day, took end of day photos, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230222-DG-4A_weeding_facingW.jpg
-118.17564933333334 34.19026277777775



photo_2-20230222-DG-4A_after_weeding_facingW.jpg
-118.17572289722223 34.19026223611111



photo_3-20230222-DG-4A_planting_facingW.jpg
-118.17588541666667 34.19005925

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 22, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	31 °F	4-6 MPH	15 %
End of Day	13:15	50 °F	13-15 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four collecting cuttings.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

LEGO, RCKI, MALL, COHA, RTHA, AMRO, YRWA, ANHU, CORA, MODO.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: I conducted a nesting bird survey with biologist from chambers group.

0700: Natures Image crew arrived. They began collecting cuttings down in the wash near the main parking lot. Crews collected arroyo willow, black willow and mulefat. Collections finished at 1315.

Additional Comments

Cuttings: 150 arroyo willow, 132 mule fat, 75 black willow

Signature





photo_1-Cutting_collection-jpg



photo_2-cutting_collection-jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: February 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	35 °F	0-3 MPH	100 %
End of Day	09:30	39 °F	0-3 MPH	90 %

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 six 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: American Crow, California Scrub Jay, Bewick's Wren, Anna's Hummingbird, House Finch

Mammals: N/A

Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew arrived.

0645: Began work on the north tip of DG-1.

0930: Crew lead decided to stop work.

Additional Comments

Decided to attempt work today. Forecast called for light rain only in the earlier part of the morning. Unfortunately the rain was heavier and more constant than anticipated and Erik called off the remainder of the day due to some of the crew already being soaked.

Signature





Rainy_sky_above_work_location.jpg
-118.1679566388889 34.1977330555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	36 °F	0-3 MPH	100 %
End of Day	14:00	44 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four collecting willow/mulefat stakes at Big Tujunga Wash 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:

WREN, NOMO, BEWR, AMCR, CORA, HOME, COYE, AMRO, AMKE, LEGO, CALT, CATH, ANHU, SPTO, BUSH, RCKI, RSHA, NOFL, HOFI, YRWA, WCSP, FOSP, COHA, MODO, NUWO, ALHU, CORA, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard with crew. Surveyed work area.

0700: Monitored stake collection; crew collected mulefat near yesterday's work area in the basin east of the cottonwood bluff.

0800: Crew moved ~400 feet east, began collecting arroyo willow and black willow near the 4-way intersection of trails in the aforementioned area.

1009: Observed AMKE pair copulating in basin east of bluff.

1020: Crew moved ~400 feet south to a recently mowed area; began collecting arroyo willow, black willow, and mulefat.

1345: Crew began cleaning up for the day to deliver stakes to Devil's Gate.

Additional Comments

Yield for day: 230 mulefat, 160 arroyo willow, 40 black willow. A red willow was found but rejected due to an unknown possible illness or pest- looked like it had small white scales that were lightly attached on branches. Two clippers were used to make ~7 cuts, they were sanitized with isopropyl alcohol and stakes were left at the base of the tree to avoid cross contamination.

Signature





photo_1-20230223-first_work_area_facingNE.jpg
-118.3426645 34.2673502666667



photo_2-20230223-stakes_facingE.jpg
-118.34529238888888 34.2675218377778



photo_3-20230223-third_work_area_facingS_from_above.jpg
-118.34401347222222 34.26672040816666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Alec Mang
Company: Stillwater
Date of Log: February 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	100 %
End of Day	11:00	40 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCKI, MODO, ACWO, AMCR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0845: Light rain I conducted a nesting bird survey while crews waited out the rain.

0845: Rain let up and crews began setting up.

0900: Rain picked up again while crews were setting up so we stopped work. Heavy rain continued the rest of the day and crews were called off at 1100. Nothing was planted today due to weather.

Additional Comments

Heavy rain most of the day.

Signature



Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: February 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	5 %
End of Day	14:15	50 °F	0-3 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 12 on weeding and 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:

AMCR, CATH, DEJU, OATI, BEWR, AMCR, BUSH, MODO, CASJ, NOFL, YRWA, CALT, SOSP, WENL, MALL, CANG, HOME, NOSH, RUDU, AMRO, WCSP, LEGO, RTHA, WREN, KILL, COHA, TUVU, ANHU, BUFF, NOMO, RSHA, WTSW, CORA, SWHA, California ground squirrel, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Walked site with foreman Raul Fernandez to determine extent of flooding.

0700: Selected a work location, performed a nesting bird survey.

0715: Monitored planting and weeding in DG-4A near the dirt pile. Primary target was Mustard, which was hand pulled due to the phacelia it was mixed with. Crew planted Baccharis pilularis and Artemisia douglassii.

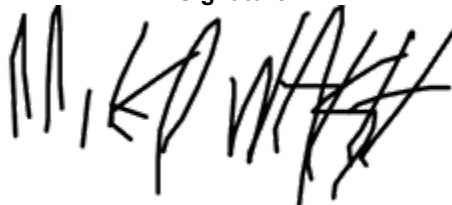
1300: Observed Swainsons hawk.

1400: Crew wrapped up for day. Slight precipitation started falling.

Additional Comments

Swainsons hawk observed perched on site- looked to be an adult, location recorded on collector. Viewed from a distance due to water on site, lost track of it after ~10 minutes, not sure where it went. Presuming a migrant stopover for now. Planting yield (all in dirt pile area): mugwort 101, Coyote bush 48

Signature





photo_1-20230228-pre_planting_facingN.jpg
-118.17247795 34.19324451666667



photo_2-20230228-post_planting_facingS.jpg
-118.17236869444444 34.19344863888889



photo_3-20230228-pre_weeding_facingS.jpg
-118.17239974166667 34.19356713888889



photo_4-20230228-post_weeding_facingS.jpg
-118.17244243333334 34.193517916666664

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: February 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	15:00	49 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Erik Rosales 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: ANHU, WCSP, CORA, COHA, RTHA, ALHU, BUSH, CASJ, SPTO, AMCR, ACWO, CALT, WEBL, CANG, MALL, HOFI

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: grasses, erodium, mustard and bittercress. The reservoir is very full and has flooded many areas of the restoration area.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_DG-2_facingN.jpg



Reservoir_from_Bridge_facingN.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	90 %
End of Day	14:00	47 °F	13-15 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 4 weeding in DG-4B

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, MALL, NOFL, BEWR, CASJ, MODO, CANG, ALHU, CATH, SPTO, desert cottontail, CAKI, WEBL, CALT, WCSP, ACWO, NUWO, CORA, ANHU, YRWA, COYE, BLPH, RTHA, Neotoma sp., TUVU, RCKI, coyote

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew, observe flooding from rain.

0650: Pre-construction bird survey.

0700: Monitored weeding crew.

1315: Logged potential ACWO nest, ACWO_03.

1345: Crew began wrapping up, end of day photos and daily log.

Additional Comments

N/A

Signature





photo_1-20230301-DG-4B_before_weeding_facingN.jpg
-118.17496116666668 34.192053349999995



photo_2-20230301-DG-4B_flooding_facingS.jpg
-118.17512255555556 34.191958361111105



photo_3-20230301-DG-4B_after_weeding_facingN.jpg
-118.17505219444445 34.191970999999995

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 1, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	100 %
End of Day	14:15	46 °F	13-15 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures 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:

CALT, SPTO, CANG, MALL, CASJ, AMRO, SOSP, ANHU, WREN, NOFL, LEGO, WEBL, OATI, CORA, AMCR, MODO, TUVU, CATH, CITE, CAKI, BLPH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site. Surveyed work area.

0650: Cleared crew to work. Monitored installation of stakes in DG-4A on the dirt pile. Flagged plant locations.

1400: Crew began wrapping up for the day.

Additional Comments

Planting yield: 90 blackberry, 37 coyote brush, 150 mulefat. Snowed lightly around 1 pm

Signature





photo_1-20230301-planting_progress_facingN.jpg
-118.17275803611112 34.19334677777776



photo_2-20230301-planting_progress_facingE.jpg
-118.17265851111111 34.193233361111105



photo_3-20230301-basin_current_level.jpg
-118.17232755 34.19319044444444

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	7-9 MPH	80 %
End of Day	14:30	46 °F	13-15 MPH	50 %

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

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Bewick's Wren, California Scrub Jay, White-crowned Sparrow, Spotted Towhee, Acorn Woodpecker, American Robin, Canada Goose, Cedar Waxwing, California Towhee, Nuttall's Woodpecker, Allen's Hummingbird, American Crow, Common Raven, California Thrasher, Northern Flicker, Cooper's Hawk, Killdeer, House Finch, Bushtit, Red-tailed Hawk, Turkey Vulture, Lesser Goldfinch, Say's Phoebe, Cassin's Kingbird, Western Bluebird, Band-tailed Pigeon, California Quail,
Mammals: Coyote, Audubon's Cottontail, Beechey Ground Squirrel
Herps: N/A

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived.
0715: Began work on DG-2; delayed due to truck (carrying tools) arriving late.
0810: COHA observed flying over site.
0900: Crew broke for break.
1145: Crew broke for lunch.

Additional Comments

Extensive flooding throughout the site. Johnson Field was inundated in several feet of water. Crews worked on the higher slopes and banks along Johnson Field and DG-2. High winds through the later half of the day. Brief periods of rain/sleet throughout the day.

Signature





Johnson_Field_inundated_facingNE.jpg
-118.17208970555556 34.191954249999995



Crews_weeding_DG-2.jpg
-118.1720486388889 34.191231888888886



Lower_bank_of_site_facingS.jpg
-118.172645375 34.19041043611111



Lower_end_of_DG2_facingSW.jpg
-118.17262222222223 34.18790666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	20 %
End of Day	14:55	67 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
2. 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TUVU
LEGO, HUVI, CAQU, RCKI, Parrot sp.

Reptiles: Western Fence 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-2. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2

1445: Crew stops work for the day.

Additional Comments

First photo does not allow me to rename even though I took it in the app (still having this issue), should be named: Invasive_species_removal_DG-2_facingS

Signature

10/15/15



Invasive_species_removal_DG-2_facingS.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	4-6 MPH	1 %
End of Day	13:45	60 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) 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:

CANG, AMCR, CATH, CASJ, SPTO, LEGO, NUWO, ACWO, MODO, AMRO, HOME, EUST, WEBL, MALL, WCSP, SOSP, CITE, HOFI, WREN, WBNU, TUVU, BUSH, California Chorus frog, OCWA, ANHU, DEJU, YRWA, OATI, CAKI, RSHA, RTHA, NOFL, coyote, 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, DG-4A near the dirt pile.

0655: Cleared crew to work. Monitored installation of willow stakes. WEEP trained a new employee.

0900: Crew moved near weeding crew; David Torfeh monitored both crews- surveyed upper arroyo for stake collection potential with Ed (NI).

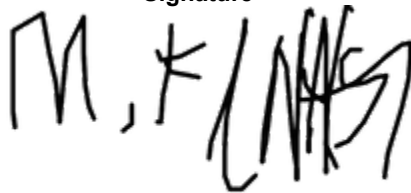
1200: Resumed monitoring.

1330: Crew began wrapping up. Took time to document erosion damage on way out.

Additional Comments

Planting yield: 91 Aroyyo willow, 150 black willow, 75 mulefat.

Signature





photo_1-20230302-new_willow_stakes_facingSW.jpg
-118.17268863055556 34.19331102777774



photo_2-20230302-newly_installed_stake_facingN.jpg
-118.17267926666668 34.19330702777778

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 2, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	37 °F	0-3 MPH	5 %
End of Day	13:35	67 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Clearing of non-native vegetation at restoration site by eight Nature's Image workers (two crews of four each)

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

AMRO, AMCR, RCKI, SPTO, CATH, CAQU, NOFL, LEGO, CANG, BEWR, SOSP, CASJ, SAPH, MODO, WEBL, ANHU, CORA, ACWO, OATI, DEJU, ECDO, NOMO, California ground squirrel, BUSH, CALT, WBNU, YRWA, HOFI, swallow sp. (flew over too fast to identify), ALHU, OCWA (singing), HOME (2 pairs), RTHA (one pair circling), western fence lizard, coyote tracks, desert cottontail tracks, big-eared woodrat nests, raccoon tracks

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645-0655: Preparation and directions.

0655-0740: Checked for nests and sensitive species ahead (north) of weeding crew in DG-4 (planted mulefat and wilows near pepper tree near north end of site). While crew weeded area I checked for nests and sensitive species the previous day.

0740-0800: Orientation/training of new crew member by Mike.

0800-0920: Weeding proceeds northward in DG-4.

0920: Weeding crew moves to DG-4A just south of planting area (in DG-4A). Began monitoring planting simultaneously with weeding by two four person crews in DG-4A while Mike checked elsewhere. Finished weeding at 1335.

Additional Comments

N/A

Signature





photo_1-20230302-DG-4-lookingN-before.jpg
-118.17247980555555 34.19370569444444



photo_2-20230302-DG-4-lookingN-after.jpg
-118.17246250000001 34.1936754



photo_3-20230302-DG-4A-lookingN-after45minutesweeding.jpg
-118.172576 34.1930133055555



photo_4-20230302-DG-4A-lookingN-nearendofweeding.jpg
-118.1725564 34.193098

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Lela Updegrave
Company: ICF
Date of Log: March 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	15:00	53 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive weed removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of ten plus Erik Rosales 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: SOSPO, BEWR, ANHU, WCSP, CORA, ALHU, BUSH, CASJ, SPTO, AMCR, ACWO, CALT, CANG, MALL, HOFI, MAKE, RTHA

Mammals: Cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0650: Crew works in DG-2. Target species include: grasses, erodium, mustard and bittercress. The reservoir is very full and has flooded many areas of the restoration.

0900: Crew takes a break.

0915: Crew returns to work in DG-2.

1200: Crew breaks for lunch.

1230: Crew returns to work.

1500: Crew stops work for the day.

Additional Comments

N/A

Signature





Crew_working_within_restoration_area.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	0 %
End of Day	11:15	50 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of four working on plant maintenance in DG-4A, and irrigation maintenance throughout the site (west side).

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CASJ, MOD0, WREN, ACWO, AMRO, ECDO, CALT, WBNU, DEJU, WCSP, OCWA, BTPI, OATI, HOFI, WEBL, BRBL, YRWA, RTHA, RCPA, NUWO, BEWR, BUSH, EUST, NOMO, MALL, SPTO, AMCR.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Walked the entirety of the site with a crew member, located every irrigation box and marked the phase 1 irrigation boxes with spray paint for permanent shutoff. If a valve was phase 1, the green box was sprayed with a large orange "X" and given an orange dot on the valve. I oversaw this because most of the crew was not around long enough to know which ones are phase 1 and which are phase 2. Some of the site was still underwater and inaccessible.

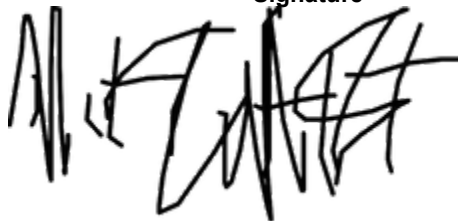
1000: Discovered that the water level had dropped sufficiently to expose the plants in the "center" field (DG-4A). Many plants were completely obscured by debris, and almost all had a thick grey coating of silt. Instructed four crew members to first remove all debris from container plant cages and then hose off any plants covered in silt. The goal of this was to allow photosynthesis to resume as soon as possible. Monitored this activity.

1100: Crew deemed that it was necessary to utilize all NI crew members on site to finish this today. Merged both crews and had David Torfeh act as monitor.

Additional Comments

All plants that had been submerged that I looked at still appeared green, although many were limper than they had been at time of planting.

Signature





photo_1-20230303-container_plant_before_facingW.jpg
-118.17550599166667 34.19032991666666



photo_2-20230303-container_plant_after_facingW.jpg
-118.17551022222223 34.19031699999999



photo_3-20230303-_newly_exposed_planted_areas_facingW.jpg
-118.17550633333333 34.190307999999995



photo_4-20230303-newly_exposed_planted_areas_facingSE.jpg
-118.17577184722222 34.18992120833333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 3, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	0 %
End of Day	13:40	65 °F	0-3 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Weeding of non-native plants at restoration site with two four person Nature's Image (NI) crews.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCPA, RTHA (with rodent), MODO, CASJ, CALT, SPTO, NOMO, RCKI, LEGO, MALL, AMCR, BEWR, CATH, SOSP, CAQU (song and alarm calls 120 feet north of pepper tree), KILL, HOFI, ANHU, EUST, CORA, WEBL, NUWO, AMRO, OATI, OCWA, Botta's pocket gopher, NOFL, ACWO, YRWA, CAKI, TRES, WCSP, western fence lizard, CEWA, desert cottontail, Painted Lady, TUVU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0715: Checked for nests and sensitive species in DG-4A in plateau planting area near north end of restoration area where weeding will continue; clear.

0715-1045: Weeding proceeds with two crews.

1200-1340: Moved to area south and west of Boulders where planting was done two weeks ago to salvage plants that were submerged by recent rains. No nests found.

1300-1325: Two crew members finished up morning site.

Additional Comments

N/A

Signature





photo_1-20230303-DG-4A-North_end_planting_area_lookingW-before.jpg
-118.1722184 34.193372999999994



photo_2-20230303-DG-4A_North_end_planting_area_lookingW-after.jpg
-118.17219560000001 34.193398599999995



photo_3-20230303-South_end_planting_area_lookingW-before.jpg
-118.1723016000001 34.1932361



photo_4-20230303-DG-4A_South_end_planting_area_lookingW-after.jpg
-118.17229080555556 34.193287399999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	0 %
End of Day	14:00	56 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Vegetation clearing, cleaning plants from silt.
- 2) Hand weeding, Hula-Hoe, spray bottles.
- 3) Six Natures image staff total, Raul (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:

Western Toad, ANHU, MODO, CAQU, MALL, CASJ, ACWO, RTHA, BLPH, SPTO, CALT, TUVU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, went over plan for the day, bird/nest survey, no nest found-cleared area for the team to work in DG-4C.

0820: Moved to DG-4 (Mike did bird/nest check and cleared area for crew to work in). Two staff switched from weeding to clearing off silt from newly planted plants in area. I also did a bird/nest check to ensure area was good to work in.

1200: Crew moved to DG-4A to clear slit off plants, did a bird/nest survey- no nest found, cleared the area to work on.

0110: Crew wrapped up with clearing slit off plants, surveyed DG-4WOUS area for potential trees that may have fallen and could be used as cuttings. No fallen trees found.

Additional Comments

N/A

Signature

A handwritten signature in black ink, appearing to be the initials 'JM' or a similar monogram, written in a cursive style.



photo_1-20230306-Before-DG4C-facingNE.jpg
-118.1740394277779 34.19387130555554



photo_2-20230306-After-DG4C-facingNE.jpg
-118.1740664027778 34.1938950722222



photo_3-20230306-DG4-facingN.jpg
-118.17576198333335 34.18957673888889



photo_4-20230306-DG4A-FacingSW.jpg
-118.17597511111111 34.19143587222222

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	4-6 MPH	0 %
End of Day	14:15	53 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight collecting mulefat in the upper arroyo.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, OATI, BUSH, CATH, BEWR, SPTO, AMRO, ANHU, RCPA, CASJ, NUWO, CALT, CANG, RUDU, EUST, RTHA, YRWA, CAQU, CAKI, RCKI, ACWO, NOFL, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Walked site with foreman to examine flooding/storm damage while planting crew worked on weeding with monitor Jessica Medrano. Determined that collecting cuttings in the upper arroyo was the plan for the day.

0900: Surveyed work area for nesting birds and sensitive species near the JPL bridge.

0915: Monitored collection of mulefat stakes. Surveyed ahead of crew and delineated collection areas with flagging when necessary.

Additional Comments

Cuttings yield: 500 mulefat

Signature





photo_1-20230306-crew_collecting_cuttings_facingN.jpg
-118.16662183333334 34.20256734166667



photo_2-20230306-crew_collecting_cuttings_facingS.jpg
-118.16631180555557 34.20317446388889



photo_3-20230306-daily_yield_facingW.jpg
-118.16621938888889 34.20248872222223

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 6, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	10 %
End of Day	14:30	54 °F	4-6 MPH	80 %

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

Yellow warbler

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

Birds: Mallard, Hooded Merganser, Canada Goose, California Scrub Jay, Acorn Woodpecker, Mourning Dove, Red-crowned Parrot, Spotted Towhee, Bewick's Wren, American Crow, Orange-crowned Warbler, Cassin's Kingbird, California Towhee, Yellow Warbler, Ruby-crowned Kinglet, Song Sparrow, Lesser Goldfinch, California Thrasher, Bushtit, Killdeer, American Robin, Common Raven, Red-tailed Hawk, Cooper's Hawk, Northern Rough-winged Swallow, Western Bluebird, Yellow-rumped Warbler, House Finch, Anna's Hummingbird, Black Phoebe, Red-shouldered Hawk, Nuttall's Woodpecker, Say's Phoebe, Cedar Waxwing, White-crowned Sparrow
Mammals: Audubon's Cottontail, Beechey Ground Squirrel
Herps: Western Fence Lizard, Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew started weeding along the west edge of DG-2.

0800: Observed a California scrub jay pair carrying nesting material, ultimately leading to an early-stage nest being found.

0845: Crew broke for break.

0850: Observed a Coopers hawk soaring over the houses on the East edge of the site.

1120: Found an early-stage Anna's hummingbird nest being built in an oak across from the restoration area.

1215: Crew broke for lunch.

Additional Comments

A significant portion of the hillside along DG-2 caved into the wash over the weekend. Many of the unvegetated slopes on both the west and east sides have slowly been washed out over the past few weeks presumably due to no large vegetation present to stabilize them. This has negatively impacted existing walking paths and damaged portions of the restoration area. California scrub jay was observed carrying nesting material and dropping them on an early-stage nest in a baccharis along the trail. Area was flagged and crew was informed of its presence. Anna's hummingbird nest was also discovered being built, but was not within work area.

Signature

20



Caved_in_hillside_facingNW.jpg
-118.17258424166667 34.19101897222222



Crew_working_along_FG2_slope_facingW.jpg
-118.17231480555556 34.19066207222222



Early_stage_CASJ_nest.jpg
-118.17223148611112 34.18965511111111

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	0-3 MPH	0 %
End of Day	14:00	58 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of 11 weeding in DG-4/DG-4B and collecting stakes in DG-4A/DG-4.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

DEJU, WBNU, AMRO, LEGO, NOFL, SPTO, CASJ, RCPA, CALT, PUFU, NUWO, CATH, SOSP, CAQU, CANG, BUSH, AMCR, MODO, RCKI, SAPH, CEDW, EUST, NOMO, ECDO, WREN, BEWR, OATI, BTPI, COHA, ANHU, BRBL, YRWA, CORA, WEBL, MALL, BLPH, HUVI, RUDU, ALHU, RNDU, WCSP, DOWO, RTHA, BEKI, RSHA, CAKI, TUVU, ROPI, California ground squirrel, desert cottontail, western fence lizard, common side blotched lizard, Neotoma sp. (deceased from natural causes).

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard with crew, performed a nesting bird survey.

0650: Cleared crew to work. Monitored weeding in DG-4/DG-4B on the north end of the site. Primary target was Mustard, with scattered poison hemlock.

0800: Six crew members broke off to collect mulefat adjacent to weeding crew, monitored this activity.

1000: Crew finished collecting mulefat. Switched to collecting black willow in DG-4/DG-4A. Monitored this and weeding activities, walking between crews.

1330: Nest check for ANHU_01, nest was destroyed in floods and marked inactive.

1345: Both crews began cleaning up.

Additional Comments

Cuttings yield: Black willow 275, Mulefat 405

Signature





photo_1-20230307-pre_weeding_facingE.jpg
-118.17402894444444 34.19398604166666



photo_2-20230307-new_sprouts_curtings_facingN.jpg
-118.17557913888889 34.19053438888885



photo_3-20230307-post_weeding_facingE.jpg
-118.17405316666667 34.19397191666666



photo_4-20230307-crew_collecting_stakes_facingNE.jpg
-118.17639505555556 34.18935230555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 7, 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	58 °F	4-6 MPH	5 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes), one weed wacker (topping henbit deadnettle that was growing within patches of native annuals), 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: Mallard, Canada Goose, California Towhee, Cassin's Kingbird, White-crowned Sparrow, Acorn Woodpecker, Spotted Towhee, Ruby-crowned Kinglet, Song Sparrow, Anna's Hummingbird, Bewick's Wren, California Scrub Jay, Red-crowned Parrot, California Towhee, Wrentit, Allen's Hummingbird, Common Yellowthroat, Killdeer, Nuttall's Woodpecker, Black Phoebe, American Robin, Hermit Thrush, American Crow, Cedar Waxwing, California Quail, Oak Titmouse, Northern Flicker, House Finch, Lesser Goldfinch, Red-shouldered Hawk, Western Bluebird, Common Raven, Bushtit, Mourning Dove, Yellow-rumped Warbler, Red-tailed Hawk
Mammals: Audubon's Cottontail, Beechey Ground Squirrel, Coyote
Herps: Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew resumed work on lower end of DG-2.
0835: Observed a COHA in DG-2 landing on one of the large willows and scanning the site.
0845: Crew broke for break.
1200: Crew broke for lunch.

Additional Comments

N/A

Signature





WrenTit.jpg

-118.17221624444444 34.19075672222222



Crew_working_DG-2.jpg

-118.17245072777779 34.190109174999996

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	20 %
End of Day	14:55	66 °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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TURK, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, COHA

Reptiles: Western Fence 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-2. Main target species include erodium, poison hemlock, mustard and non-native grasses.

0900: Crew takes a break.

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

1200: Crew breaks for lunch.

1230: Crew returns to work in DG-2.

1445: Crew stops work for the day.

Additional Comments

The app still is not letting me rename photos (I've tried in other photo fields too but that didn't work either). The first photo should be named: Invasive_species_removal_DG-2_facingSW I logged a new Cooper's Hawk nest in Field Maps. It's outside the work area next to a busy walking path across from DG-2.

Signature

WAFB



Invasive_species_removal_DG-2_facingSW

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	39 °F	4-6 MPH	0 %
End of Day	14:15	58 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight working on planting and stake collection 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:

OATI, NUWO, HOFI, SPTO, MODO, CALT, LEGO, CATH, ANHU, BEWR, CASJ, AMRO, CANG, BUSH, AMCR, RCPA, MALL, RNDU, RCKI, RUDU, DEJU, WCSP, HETH, ACWO, YRWA, RTHA, WEBL, CAKI, BTPI, WBNU, OCWA, ALHU, RSHA, CEDW, CAGU, BLPH, California ground squirrel, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, performed a nesting bird survey.

0645: Cleared crew to work in DG -4A near the primrose field. Crew continued to collect black willow stakes, monitored these activities.

1100: Crew finished up collecting for the day and moved on to stake installation. Monitored installation of stakes in the "lower central" field.

1330: Surveyed east side for red willows; did not find many.

1400: Crew wrapped up for the day.

Additional Comments

Cutting yield: 420 black willow

Planting yield: 82 mulefat

Signature





photo_1-20230308-collecting_site_facingE.jpg
-118.1768679555557 34.18958961111111



photo_2-20230308-collection_yield_facingW.jpg
-118.1753191666667 34.19244303888888



photo_3-20230308-stake_installation_facingNW.jpg
-118.17570894444445 34.189579374999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 8, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	35 %
End of Day	13:30	72 °F	0-3 MPH	40 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

One restoration site, weeding of non-natives by five Nature's Image crew members

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NOMO, NOFL, CASJ, PUF1, BUSH, LEGO, RCPA, ACWO, NUWO, ECDO, CORA, CATH, BEWR, HOFI, group of CAQU, OATI, CANG, WCSP, SPTO, CALT, WEBL, ALHU, California ground squirrel, YRWA, desert cottontail, big-eared woodrat nests, CAKI, MODO, WBNU, MALL, AMRO, RTHA, GRYE, ANHU, SOSp, side-blotched lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0715: Checked weeding sites in DG-4A deerpile's east and south slopes (plateau planting area near north end of Devil's Gate) and west of deerpile at DG-4 for nests and sensitive species. None found.

0715: Weeding commences at both places.

0800: Selective weeding of mustard flower tops west of deerpile as directed by Raul completed. Work on east and south slopes of deerpile continues.

0820-0840: Checked for nests under dense poison hemlock at base of south slope of deerpile for nests. None found.

1010-1035: Checked for nests in mulefat north of deerpile. None found. Weeding ends 1330. South slope (not photoed) 65% weeded.

Additional Comments

N/A

Signature





photo_1-20230308-DG4-mustard_flowers_looking_SW-before.jpg
-118.1736548055556 34.1939191944444



photo_2-20230308-DG4-mustard_flowers_looking_SW-after.jpg
-118.17372769444445 34.1939711



photo_3-20230308-DG-4A-deerpile-lookingS-start.jpg
-118.1721996 34.193325099999996



photo_4-20230308-DG-4A-deerpile-lookingS-end.jpg
-118.1722106 34.19330380555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	5 %
End of Day	14:00	63 °F	4-6 MPH	10 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of thirteen weeding and staking 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:

LEGO, NUWO, DEJU, CALT, NUWO, CASJ, SPTO, NOFL, BEWR, ACWO, WBNU, RNDU, YRWA, NRWS, RSHA, RUDU, COHA, KILL, WCSP, HOFI, WEBL, CAKI, WREN, AMRO, California chorus frog, California ground squirrel, desert cottontail.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Performed a nest bird survey.

0645: Monitored installation of mulefat stakes in DG-4A (the lower center field). Weeding crew of three also removing curled dock/pepperweed seedlings around planting areas.

0700: Found a deceased gopher snake in the work area- it had clearly drowned in the last storm and was not injured by the crew.

1345: Crews began wrapping up while I inspected the site.

Additional Comments

Planting yield: Mulefat: 210, Black willow: 150, Arroyo willow: 75

Signature





photo_1-20230309-pre_weeding_facingS.jpg
-118.1758407777778 34.1898157083333



photo_2-20230309-post_weeding_facingS.jpg
-118.1758279555556 34.18982346388885



photo_3-20230309-staking_progress_facingS.jpg
-118.17584183333334 34.189960416666665

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 9, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	5 %
End of Day	14:30	65 °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 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, Bewick's Wren, Spotted Towhee, Northern Flicker, California Quail, American Crow, Cedar Waxwing, Nuttall's Woodpecker, House Finch, Red-breasted Nuthatch, California Towhee, Canada Goose, Anna's Hummingbird, Song Sparrow, Wren, Common Raven, Cooper's Hawk, California Scrub Jay, Red-crowned Parrot, Red-shouldered Hawk, Mallard, Killdeer, Cassin's Kingbird, White-crowned Sparrow, Ruby-crowned Kinglet, Lesser Goldfinch, Allen's Hummingbird, European Starling, Yellow-rumped Warbler, Western Bluebird, Bushtit, Mourning Dove, Oak Titmouse, Red-tailed Hawk, Black Phoebe
Mammals: Fox Squirrel, Beechey Ground Squirrel, Audubon's Cottontail
Herps: Western Fence Lizard, Side-blotched Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Crew started work.

0715: Monitored the Coopers hawk nest in progress, observed a single Coopers hawk bringing in nest material while tolerant to my presence.

0745: Monitored the California scrub jay nest in progress. Pair were seen bringing in nest material. They demonstrate acute awareness of my presence; takes a long time for them to return to nesting location while I am observing.

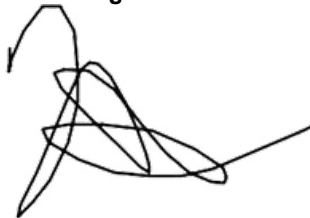
0845: Crew broke for break.

1145: Crew broke for lunch.

Additional Comments

N/A

Signature





Crews_working_upper_edge_JohnsonField_facingW.jpg
-118.17096274444445 34.191368925

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	4-6 MPH	100 %
End of Day	07:15	50 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image regular crew, no work performed

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.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, it was raining heavily. Foreman Raul Fernandez instructed crew to wait to see if rain let up or got lighter.

0700: Foreman dismissed crew and called it for the day, left site after brief coordination on staking.

Additional Comments

N/A

Signature



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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	4-6 MPH	100 %
End of Day	07:00	48 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

NA

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at site, observed weather.

0700: Work called off for the day due to rain.

Additional Comments

N/A

Signature



Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 13, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	0-3 MPH	70 %
End of Day	14:00	63 °F	4-6 MPH	45 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of nine weeding and installing stakes 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:

NOMO, CAKI, SOSP, BEWR, KILL, MODO, SPTO, AMRO, CALT, COYE, MALL, WREN, AMCR, RCPA, PUF1, CASJ, HOFI, NOFL, CORA, NRWS, OATI, ANHU, WCSP, YRWA, RCKI, RNDU, RUDU, CANV, WEBL, ACWO, ECDO, RWBL, RTHA, EUST, HOME, LEGO, NUWO, BUSH, CEDW, CATH (40), CORA, ALHU, RSHA, DEJU, OCWA, COHA, desert cottontail, California chorus frog, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting.

0645: Surveyed work area for crew.

0710: Crew began weeding pepperweed sprouts and staking in DG-4A in the center field.

1200: Found a bushtit nest in DG-4 WOUS. Implemented a 40-foot buffer. Flagged and added to collector.

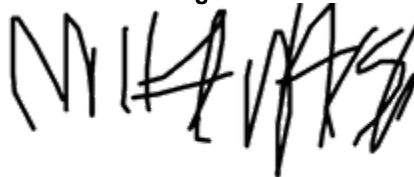
1210: Crew moved to the middle primrose field of DG-4A, continued staking and weeding of pepperweed sprouts.

1345: Crew began wrapping up.

Additional Comments

Installed 36 arroyo willow in primrose middle field, 27 mulefat 75 arroyo in lower central field.

Signature





photo_1-20230313-pre_weeding_facingS.jpg
-118.1759588888889 34.19005186111111



photo_2-20230313-post_weeding_facingS.jpg
-118.1759342666667 34.18999650833333



photo_3-20230313-staking_progress_facingW.jpg
-118.1763066555556 34.189326036111105

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	54 °F	0-3 MPH	100 %
End of Day	14:30	64 °F	4-6 MPH	65 %

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 8 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: Ruby-crowned Kinglet, Bewick's Wren, Acorn Woodpecker, Northern Flicker, Spotted Towhee, Common Raven, California Towhee, Allen's Hummingbird, Song Sparrow, Canada Goose, Killdeer, Black Phoebe, Lesser Goldfinch, Wrentit, Western Bluebird, California Scrub Jay, White-crowned Sparrow, Oak Titmouse, Cooper's Hawk, Nuttall's Woodpecker, Red-crowned Parrot, California Quail, House Finch, Red-tailed Hawk, California Thrasher, Red-shouldered Hawk

Mammals: Fox Squirrel, 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

0628: Arrived on site; was very dark due to the entire area being socked in by a thick fog. Crew waited until there was slightly better visibility at around 0700 to begin work.

0830: Observed one of the COHA returning to the already documented nest. Still appears to be in the building process.

0845: Crew broke for break.

1230: Crew broke for lunch.

Additional Comments

N/A

Signature





Light_levels_0629.jpg

-118.17038363333334 34.192624055555555



Caterpillar_on_willow_branch.jpg

-118.17140593055557 34.19139911111111



Crew_weeding_Johnson_Field_bank_facingW.jpg
-118.17114248333334 34.19189625

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	49 °F	4-6 MPH	100 %
End of Day	11:15	57 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four collecting Arroyo willow in the upper Arroyo.

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, CASJ, NOFL, SPTO, LEGO, OATI, BUSH, SOSP, DEJU, HUVI, HOWR, AMCR, California ground squirrel, Baja California tree frog.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew, travel to work area.

0700: Performed a nesting bird survey in the upper Arroyo.

0715: Cleared crew to begin, monitored collection of arroyo willow stakes.

1100: Rain started, immediately exited Arroyo. Crew began wrapping up for the day.

Additional Comments

Slight misty precipitation on and off through morning.

Signature





photo_1-20230314-crew_collecting_facingN.jpg
-118.16624144444445 34.203943888888894



photo_2-20230314-crew_collecting_facingW.jpg
-118.16617513888889 34.20507946666667

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: March 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	53 °F	0-3 MPH	75 %
End of Day	10:00	58 °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 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: ANHU, YRWA, CALT, SPTO, SOSP, LEGO, CORA, AMCR, RCKI, WCSP, NUWO, CASJ, ACWO, BEWR, ALHU, BUSH, COHA, OCWA, CANG, WREN, WEBL, KILL, CAQU, NRWS

Reptiles: Western fence lizard, side-blotch lizard

Mammals: Desert cottontail, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Safety tailgate.

0710: Crew members work on weeding the eastern side slopes at DG-W-1 using hand tools only.

0800: Crew working alongside slopes of DG-2 and DG-2A with hand tools.

0900: Crew takes a break.

0915: Crew prepares to weed in the same area.

1000: Erik informs that work for the remainder of the day will be cancelled, as well as likely tomorrow's scheduled work. Crew stops work for the day.

Other notes:

ANHU Nest: Female observed on nest multiple times from 0730-0800. Monitored from approximately 50 feet away.

COHA Nest: Both adults observed vocalizing near nest and adding material to nest. Monitored from approximately 100 feet away for roughly 20 minutes. One bird observed collecting twigs and branches from an adjacent bare willow tree and bringing material to nest.

Additional Comments

Work is likely cancelled tomorrow as well due to the rain.

Signature

2510



Weed_removal_DG-2_facingW.jpg
-118.1717854 34.19002880555555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Maddy Uetrecht
Company: Stillwater
Date of Log: March 14, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	90 %
End of Day	11:00	57 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image crew of four weeding in DG-4 near parking lot.

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, CANG, ACWO, RCPA, desert cottontail, CASJ, BEWR, SPTO, YRWA, LEGO, AMRO, HOFI, NUWO, SOSP, ANHU, MODO, WCSP, NOFL, CAQU

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Talked with crew about where to work today.

0645: Pre-construction bird survey.

0655: Monitored weeding crew.

0900: Paused work during the rain.

1100: Work called off for the day, completed daily log.

Additional Comments

N/A

Signature





photo_1-20230314-DG-4_before_weeding_facingS.jpg
-118.1760495555557 34.19185517777775



photo_2-20230314-DG-4_after_weeding_facingS.jpg
-118.17597709444445 34.19192086111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:55	61 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, AMKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, OSPR, RSHA, KILL, COHA, OCWA, AMGO

Reptiles: NA

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. 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.

1445: Crew stops work for the day.

Additional Comments

Conducted nest updates for nests 138 and 139.

Signature

Handwritten signature or initials in black ink.



Invasive_species_removal_DG-2_facingN.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	46 °F	0-3 MPH	100 %
End of Day	14:00	55 °F	4-6 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Nature's Image (NI) crew of four 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:

CALT, CANG, ACWO, SPTO, CORA, CASJ, RCPA, AMRO, ANHU, MODO, CATH, NOFL, YRWA, BUSH, HOFI, CAQU, BEWR, SOSP, WREN, WCSP, RCKI, WEBL, RSHA, ALHU, NUWO, Western toad, COYE, BGGN

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Coordinate with NI crews.

0645: Pre-construction bird survey.

0655: Monitor weeding crew.

1140: Relocated a Western toad away from weeding crew.

1350: Crew wrapping up for the day.

1400: Complete daily log.

Additional Comments

N/A

Signature





photo_1-20230316-DG-4A_before_weeding_facingW.jpg
-118.17536654444444 34.191717516666664



photo_2-20230316-after_weeding_facingW.jpg
-118.17535380555556 34.19175954166666



photo_3-20230316-clean_edge_after_weeding_facingW.jpg
-118.1753213777778 34.1918638333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 16, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	95 %
End of Day	14:00	53 °F	0-3 MPH	95 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight for arroyo willow stake harvesting along the raging Arroyo creek, using loppers. Planting stakes using hand tools.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

RCKI, CATH, SOSF, HUVI, OATI, SPTO, CALT, AMRO, NUWO, OCWA, ORJU, YRWA, CSJA, LEGO, ACWO, CANW, BEWR, HOWR, MODO, in reservoir: RUDU, CANV (1 male), RNDU, CANG, MALL, NRWS, BUSH, hummer collecting bugs, likely nesting. RTHA

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: I survey the southern area of site as crew preps equipment for stake collection on the opposite side (east) of reservoir. Water has flooded into the mature tree area where the COHA may be nesting, but drier further. Lots of singing this morning with resident spp. after 2 days of rain.

0730: Crew picks me up on the road Gabrieleno trail. We have to walk up the arroyo to find accessible willow. I conduct a nesting bird survey in the areas where the crew harvests. The opposite side of the creek is inaccessible due to flow.

0930: We move further north up the trail for more cuttings.

1200: Crew moves to finish planting stakes at the dirt pile, NE site (DG-4A). I clear the area for nests. Crew packs up at 1345.

Additional Comments

Several of the previously staked willow stakes on the dirt pile are already budding. Nice work!

Signature





photo_1_reservoir_looking_north.jpg
-118.17669902777779 34.18577701111111



photo_2_arroyo_willow_stake_collection.jpg
-118.16819898888889 34.2070724



photo_3_2nd_stake_collection_area_creekside.jpg
-118.1681978388889 34.20774936944445



photo_4-planting_willow_stakes_dirt_pile.jpg
-118.17270116111112 34.19329819444444

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 17, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	0 %
End of Day	14:00	68 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image; two crews, 11 planting stakes with Raul, weeding and irrigation. Dave T with SS, monitoring planting crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, MODO, SOSP, CAQU, CALT, AMCR, SPTO, CSJA, BLPH, AMRO, CEDW, LEGO, CANG, WREN, BEWR, RCPA, WREN, HOFI, RCKI, CATH, BGGN, COHA (pair active in stand west of bridge over Berkshire creek south end), RSHA, RTHA, PUF1, OATI, DEJU, ACWO, NUWO, NOFL, COYE, BUSH.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Move to "dirt pile", DG4A for planting and weeding. Dave and I sweep the area for nesting birds and do not find anything in the area.

0930: I walk south to checks site. Lots of singing and activity since the sun came out. Three raptor species, RTHA, RSHA, and a COHA pair are all in proximity in the south side trees.

1200: Continue monitoring weeding and help with stake monitoring. Dave and I check on BUSH_01, which needs recheck. The nest is still not built up but birds checked it out. Moved crew away from this area.

0130: Crew cleans up. I leave at 200pm.

Additional Comments

The previous COHA nest is likely active, I saw the pair fly in and vocalize to each other, but it is flooded below so I cannot check it. A large stick nest is partially visible from the pedestrian pathway. Western fence lizards starting to come out in the sun. Saw one toadlet yesterday.

Signature





photo_1_overview_of_weeding_area.jpg
-118.17213316666667 34.19353619444444



photo_2_Overview_of_1st_planting_areaDG4A_NE.jpg
-118.17213883333334 34.19352233333333



photo_3_example_of_budding_stakes_2weeks_planted.jpg
-118.17231828888889 34.193225416666664

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	5 %
End of Day	13:45	72 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Construction Monitoring

Construction Activity:

Planting of native willows by hand tools by ten Nature's Image crew members with Raul in charge.

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, BGGN, AMRO, CASJ, SPTO, CALT, NUWO, ACWO, ECDO, RCKI, CATH, ANHU, MODO, NOFL, BUSH, WCSP, BEWR, CAKI, OATI, RTHA, TUVU, Eastern fox squirrel, CANG, LEGO, BLPH, YRWA, COYE, SOSP, HOFI, AMCR, WEBL, CORA, California ground squirrel, Western fence lizard, Camissoniopsis sp., Clarkia sp., Monolopia (?) sp., Marah sp., Phacelia sp., NRSW, Painted Lady, WAVI, WBNU, WREN, desert cottontail, GBHE, GREG.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0650: Preparations.

0650-0720: Checked around "Dirtpile" in DG-4A for nests and sensitive species; none found.

0720: Planting proceeds. at north and south ends of "Dirtpile."

0820: Planting at north end finished. Planting of willow stakes South of dirtpile proceeds South along dirt paths at a quick pace along WOUS. Finish at 1345 after approaching bushtit nestbuilding site.

Additional Comments

N/A

Signature





photo_1-20230317-DG4A-dirtpile lookingN-start.jpg
-118.1723305 34.19348009999995



photo_2-20230317-DG4A-dirtpilelookingN-end.jpg
-118.172274 34.19349230555555



photo_3-20230317-DG4A-dirtpilelookingSW-before.jpg
-118.17240619444445 34.19331369444444



photo_4-20230317-DGWOUS-lookingSW-after.jpg
-118.1737839 34.19172430555555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	0 %
End of Day	14:00	60 °F	4-6 MPH	20 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive and exotic weed removal.
2. Hand tools (hoes, shovels, rakes) 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: Wrentit, Bewick's Wren, Acorn Woodpecker, California Scrub Jay, California Towhee, Ruby-crowned Kinglet, White-crowned Sparrow, Oak Titmouse, Cooper's Hawk, Blue-grey Gnatcatcher, Anna's Hummingbird, Spotted Towhee, Song Sparrow, Bushtit, Lesser Goldfinch, Common Raven, Western Bluebird, Northern Rough-winged Swallow, Yellow-rumped Warbler, Orange-crowned Warbler, Nuttall's Woodpecker, Red-shouldered Hawk, Northern Mockingbird, California Quail, California Thrasher, Cassin's Kingbird, Black Phoebe
Mammals: Audubon's Cottontail, Fox Squirrel, Beechey Ground Squirrel, Gopher
Herps: Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

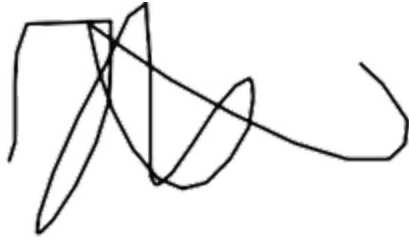
Log Entry

0930: COHA pair were observed flying around nest area. Nest appears slightly disheveled from recent rains, but the pair still seem to be actively building it. High levels of disturbance near the COHA nest due to loader trucks and Public Works crews moving through area.

Additional Comments

More land has eroded and collapsed due to the constant waterflow against the unvegetated portions of the slopes. Much of our walking path along the East bank is gone along with pieces of the restoration area including a mature elderberry. The lack of any erosion controls present an increasing risk to portions of the restoration area and restoration infrastructure such as irrigation. The erosion has also created sheer cliffs 20-30ft high in certain areas, presenting a sizeable safety risk to both the crew and pedestrians. I have instructed the crew to keep a wide breadth when working near the slopes, and to avoid walking anywhere near or along the eroded portions of the slopes.

Signature



Crews_weeding_DG2.jpg

-118.17195814444445 34.19076159444444



Mature_elderberry_collapsed_into_waterway.jpg
-118.17201381944444 34.19212580555555



Location_of_cliff_collapse_near_irrigation_tubing.jpg
-118.17211225555556 34.19195290555555



Irrigation_tubing_stuck_on_collapsed_plant.jpg
-118.17249104166667 34.19112666666666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	52 °F	0-3 MPH	100 %
End of Day	14:03	58 °F	0-3 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Vegetation cleaning
2. Hula hoe, gloves, tarp
3. Two staff from Natures Image 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, WCSP, AMCR, BUSH, AMGO, TRES, GBHE, ACWO, CASJ, ANHU, AMRO, CAKI, HAWO, CATH, MODO, HOFI, NOFL, TUVU, WEBL, RTHA, Cotton tail

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Plan for the day, nest and bird check in DG-4 cleared the area for work for vegetation clearing. Started to rain, crew got out of rain and resumed work when skies cleared.

0900: Nest and bird check in DG4-A, team of two Natures Image staff weed in DG-4, continued to monitor looking for potential nest, birds, etc.

1345: Team wrapping up, hauling vegetation removed out, fill out Survey 123 and take after photos while they clean up for the day.

1400: End of workday.

Additional Comments

N/A

Signature





photo_1-20230320-DG4-Beforeweeding_facingSW.jpg
-118.17537490277778 34.19169561111111



photo_2-20230320-DG4-Afterweeding_facingSW.jpg
-118.17534747222223 34.19172696111111

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 20, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	48 °F	0-3 MPH	100 %
End of Day	14:50	66 °F	0-3 MPH	70 %

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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TURK, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO

Reptiles: NA

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: Western Toad

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. 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.

1445: Crew stops work for the day.

Additional Comments

Took photos in app but it wouldn't allow me to write in a new label. Photo 1: Invasive_species_removal_DG-2_facingNW Photo 2: Nest_139_buffer_facingS

Signature

Handwritten signature or scribble.



Invasive_species_removal_DG-2_facingNW.jpg



Nest_139_buffer_facingS.jpg

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	58 °F	0-3 MPH	100 %
End of Day	14:05	64 °F	4-6 MPH	90 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Restoration planting of willow stakes at four sites by Natures Image (NI) crew of 11 using hand tools with Raul in charge. Jessica monitoring 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, BEWR, SPTO, NUWO, NOFL, CATH, CASJ, BUSH, AMCR, AMGO, RCPA, PUF1, AMRO, eastern fox squirrel, CANG, WEBL, YRWA, OATI, WCSP, ACWO, SOSP, RCKI, GREG, CORA, HOFI, RTHA, MODO, TRES, MALL, dead large toad, desert cottontail, LEGO, RSHA, COHA, small toad, TUVU, BGGN, DEJU, KILL, RBME, BUFF, ANHU, CAKI, BEKI.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0700: Preparation.

0700-0725: Checked DG-4 Sheetflow site for nests and sensitive species; none found.

0715-0845: Intermittent light rain postpones planting and weeding work.

0900-0945: Planting in DG-4A and DG-4 just south of container after nest check.

0945: Planting in DG-4A Boulders after nest check.

1035-1430: Planting in DG-4A Sheetflow area after nest check.

1245-1320: Previewed formerly inundated DG-4A area SW of Sheetflow. No active nests. Some irrigation boxes and lines buried in mud.

1405: Work ends.

Additional Comments

N/A

Signature





photo_1-20230320-DG4A-lookingSW-begin.jpg
-118.17537369444445 34.1917209



photo_2-20230320-DG4-lookingS-after.jpg
-118.17594619444445 34.1914934



photo_3-20230320-DG4A-Boulders-lookingSE-begin.jpg
-118.17520569444444 34.19113519444444



photo_4-20230320-DG4A-Sheetflow-lookingS-before.jpg
-118.1755014 34.1906525

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	41 °F	0-3 MPH	40 %
End of Day	11:45	48 °F	7-9 MPH	100 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of ten weeding in DG-4B.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, BUSH, AMRO, MALL, YRWA, LEGO, ACWO, DEJU, AMCR, BEWR, CASJ, SPTO, MODO, NOFL, SOSP, CATH, RCPA, ROPI, RCKI, NUWO, KILL, CALT, WCSP, RNDU, HOME, BUFF, CEDW, LASP, OATI, EUST, WEBL, OCWA, CORA, ANHU, HOFI, RTHA, PUF1, desert cottontail, Baja California tree frog.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting with crew.

0635: Performed a nesting bird survey.

0650: Cleared crew to work, monitored weeding. Crew weeded the Southernmost chunk of DG-4B, primarily targeting Conium.

0750: Heavy rain- crew waited under shelter for 20 minutes for it to pass.

0906: Found CALT nest. Flagged off a 50-foot buffer, added to collector, and alerted crew.

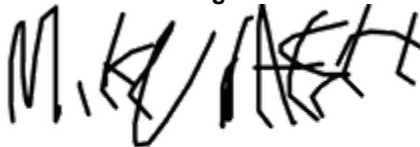
0915: Observed BEWR with nesting materials immediately adjacent to CALT nest. Did not deliver to a nest, it may have known I was watching it. Backed up, continued to look, found nothing. Added a follow up point on collector.

1145: Rain began picking up, crew called work off for the day.

Additional Comments

N/A

Signature





photo_1-20230322-pre_weeding_facingS.jpg
-118.17553147222223 34.19195630555555



photo_2-20230322-post_weeding_facingS.jpg
-118.17554725000001 34.191948399999994

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	47 °F	0-3 MPH	100 %
End of Day	14:45	64 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

1. Invasive species removal.
2. Hand pulling/hand tools.
3. Gothic Landscaping. Crew of 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, RUDU, WREN, MODO, ALHU, CANG, RTHA, BUTI, NOMO, MAKE, CAKI, SAPH, TUVU, LEGO, HUVI, CAQU, RCKI, Parrot sp., SPTO, RSHA, KILL, COHA, OCWA, AMGO

Reptiles: NA

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: Western Toad

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. 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 photo in app but it would not allow me to rename, photo should be named: Invasive_species_removal_DG-2_facingS

Signature

10/10/20



Invasive_species_removal_DG-2_facingS.jpg



Eroded_Banks_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 23, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	100 %
End of Day	14:15	55 °F	4-6 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of four fixing damage to the irrigation system in DG-4A and crew of six planting stakes nearby.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

CAKI, CATH, BEWR, SOSP, SPTO, AMRO, BUSH, CALT, WREN, NUWO, ANHU, AMCR, RCKI, MALL, CASJ, ACWO, LEGO, AMCR, NOFL, CORA, RTHA, BGGN, RCPA, MODO, OATI, BUFF, KILL, AMAV, RNDU, RUDU, WEBL, ALHU, DEJU, YRWA, SSHA, HETH, CANG, HOFI, RSHA, TUVU, COHA, AWPE, BLPH, Baja California tree frog, desert cottontail, California ground squirrel.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting.

0645: Surveyed southern half of the primrose field for nesting birds.

0705: Cleared crew to work. Monitored installation of irrigation in DG-4A. Old irrigation which had been buried in a flood was dug out and replaced. Oversaw placement of irrigation lines to avoid new low-flow channels that had been scoured out by recent storms and a few areas of high sediment deposit. Some of Dawn's planting crew was monitored by me when they were working closer to me; they were installing black willow/ mulefat/ arroyo willow stakes.

1000: Found nest ALHU_02. Logged in collector; did not flag a buffer because it was >100 feet west from site boundary.

1400: Crew began wrapping up, inspected site and left.

Additional Comments

N/A

Signature





photo_1-20230323-new_irrigation_facingW.jpg
-118.17696513888889 34.18988734166666



photo_2-20230323-new_channel_facingE.jpg
-118.17714022222222 34.18995423055555



photo_3-20230323-staking_progress_facingN.jpg
-118.17695234722223 34.19007637222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 23, 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	54 °F	4-6 MPH	80 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) crew of eight planting, three weeding, three irrigation, Raul Fernandez foreman. Charlie, Ceasar, Mathew weeding crew.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

OATI, CAKI, MODO, SPTO, OCWA, BUSH, LEGO, RCPA, CALT, RCKI, LEGO, SOSPO, OATI, BEWR, NUWO, AMRO, CSJA, CATH, ACWO, ANHU, NUWO, MODO, NOFL, TUVU, HOFI, CATH, RSHA, SWHA, in reservoir: BUFF, HOME, AMAV, RNDU, MALL, CANG, RUDD, KILL, NRWS

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Gather with crew to discuss plan.

0645: Mike and I clear the primrose area for nesting birds, none found. Many species singing vigorously, defending territories. NI weeds, irrigates and plants the whole primrose area. Irrigation lines are covered in grasses, weeds or mud. Some mulefat from previous effort is leafed out.

0830: I walk South to view reservoir and observe COHA preening in a tree over the old nest stand. Crew points out white-lined spinx moth and western toads. We stay in this area all day, Sunbreaks seems to stimulate insects and more birds are drawn to the area (see additional notes and Photo 3.). Great work, crew!

Additional Comments

Multiple species of birds are foraging in the weeded areas and willow stake wells, and perching on the stakes. BLPH, CALT, YRWA, LEGO, CSJA, CAKI. Observed Swainson's hawk- it was a migratory flyover which did not land on site. Observed from a great distance, flew over the far northern part of the arroyo. Technically did not even pass over the mitigation area.

Signature





photo_1_DG4A_weeding_crew_N_primrose_facingE.jpg
-118.17718550000001 34.19065278888888



photo_2_N_primroseDG4A_facing_S_pre_staking.jpg
-118.17687558333334 34.19077694444444



photo3__BLPH_using_newly_planted_stakes.jpg
-118.1766875277779 34.19070215



photo_4_post_weeding_notice_many_new_stakes_in_background.jpg
-118.1769846388889 34.1907908333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	7-9 MPH	40 %
End of Day	13:45	62 °F	7-9 MPH	5 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of eight installing stakes 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:

CASJ, BEWR, SPTO, GREG, SOSP, ANHU, AMCR, CATH, AMRO, OSPR, WREN, OATI, CATH, NOFL, BUSH, RCKI, CANG, MALL, RNDU, RUDU, RCPA, KILL, LEGO, NUWO, HOFI, CANV, HOME, CORA, CAKI, RTHA, COHA, BGGN, western toad, desert cottontail, western fence lizard.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Tailboard meeting.

0645: Performed a nesting bird survey.

0700: Cleared crew to work. Monitored stake installation in DG-4A. crew was working in the middle "primrose" field.

0945: Relocated a western toad.

1045: Relocated two more western toads. There were so many relocations because the crew was planting an area covered in logs and storm debris. Told crew we had to check under all of them before planting the area because there was no realistic way to not step on the logs and they were providing refuge to the toads.

1330: Crew began wrapping up planting and moved to installing microlines, which did not require a monitor.

Additional Comments

Stakes installed yesterday- 188 mulefat, 150 black willow, 75 arroyo willow. Stakes installed today- 213 mulefat, 54 black willow.

Signature





Restoration_area_before.jpg
-118.1764503888889 34.1893011666667



Restoration_area_after.jpg
-118.1763819444444 34.1892572583333



Western_toad_under_log.jpg
-118.176589 34.189186

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: March 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	45 °F	0-3 MPH	5 %
End of Day	12:30	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.
3. Gothic Landscaping. Crew of seven. The crew lead, Erik, is absent today since he was needed for a company meeting in Las Vegas.

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, SOSP, SPTO, AMCR, ANHU, CASJ, WCSP, NUWO, CALT, WEBL, RCKI, ALHU, LEGO, ACWO, CAQU, KILL, BUSH, BGGN, CORA, BEWR, CANG, BUFF, CATH, HETH, BLPH, MALL, OCWA, HOFI, RTHA, TUVU

Reptiles: western fence lizard

Mammals: coyote, fox squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0700: Discussed work plan for the day.

0710: Crew members work on weeding with hand tools at DG-2 (west of DG-2 new channels feature).

0845: Crew takes a break.

0915: Crew prepares to weed in the same area. This continues through the remainder of their workday.

1145: Crew breaks for lunch.

1230: Crew ends their workday.

Additional Comments

Other notes:

ANHU Nest: Female observed returning to nest off and on for 30 minutes. Monitored from approximately 50 feet away. See photo 1.

CSAJ Nest: Both adults standing guard near nest. One bird foraging for materials to bring to nest. Very wary of people walking along the main trail.

COHA Nest: Both adults observed vocalizing near nest and adding material to nest and flying throughout DG restoration area.

Signature

Handwritten signature



ANHU_incubating_facingE.jpg
-118.17174351111112 34.19000966666666



Crew_weeding_facingSW.jpg
-118.17155427777779 34.19215518055555

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 24, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	20 %
End of Day	01:30	65 °F	0-3 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) weeding crew of three under Foreman Raul, using hula hoes. Linda continues irrigation micro-lining to stakes.

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, SPTO, CAKI, tree frogs croaking at dawn chorus, CALT, CATH, AMCR, BEWR, BGGN, SOSP, NUWO, HOFI, LEGO, BUSH, OSPR, ACWO, NUWO, RCKI, MODO, RCPA, CSJA, NOFL, DEJU, OCWA, ANHU WCSP, YRWA, BGGN, WTSW, NRWS, WBNU, ORJU, OATI, ANHU, CAKI, COHA, kekking from old nest stand.
In reservoir: RUDD, BUFF, CANG, RNDU, HOME, MALL, KILL.no avocets today. WEKI new to the primrose area foragers.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0645: Survey and clear primrose DG4A and south for nesting behavior.

0720: Weeding crew begins removing mustard, hemlock, dense grasses.

0800: I discover a pair of MODO investigating an old stick nest in a willow east of primrose. One carried a stick to the nest. I mark it as active, however birds did not stay around.

1030: Walked south saw COHA perched high in willow, downstream of the bridge. "she" appears large (same with yesterday) and she calls. Soon after the bushtits alert and a smaller hawk flies over the bridge then flies back and dives down below-into the nest stand? She follows. The songbirds are all aflutter! Crew finishes up weeding by 1330.

Additional Comments

The sun promotes more birdsong and leafout by early afternoon. western fence lizards and Western toads out in the afternoon. I just realized this was submitted late. sorry!

Signature





photo_1_Newly_irrigated_S_primrose_ready_for_staking_facingE.jpg
-118.17729441666667 34.18995422222222



photo_2_continue_weeding_Primrose_facingE.jpg
-118.17689247222222 34.19068205555556



Expanded_weeded_area_and_tens_of_tarps_loaded_for_removal.jpg
-118.17683536111112 34.190623761111105



photo_4_COHA_perched_over_old_nest_stand.jpg
-118.17801997222223 34.18829555

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

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	5 %
End of Day	14:00	67 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of seven installing stakes 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, NUWO, HOFI, LEGO, OATI, CAKI, SPTO, WCSP, PUF1, CANG, RCPA, BUSH, SOSP, COHA, YRWA, NOFL, BGGN, MODO, AMRO, HOFI, ANHU, CALT, KILL, RUDU, RNDU, NRWS, GREG, CANV, WTSW, EUST, COYE, TUVU, ROPI, CASJ, WREN, DEJU, WBNU, MALL, RCKI, WEBL, OCWA, CORA, AMCR, BUFF, CATH, ALHU, desert cottontail, California ground squirrel, Baja california tree frog

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived on site, tailboard meeting.

0655: Performed a nesting bird survey. Noticed suspicious activity from a COHA pair.

0730: Sent my crew to weed with Jessica to look for COHA nest- it was taking a long time to find.

0755: Found COHA_02 nest and ANHU_02 while searching. Informed crew, implemented a 125 foot no-work buffer. Crew was at 200 feet away from COHA nest and there was no change in behavior. They were slightly agitated when I was within 50 feet to get a gps point/photos.

0805: Cleared crew to prep/install cuttings in DG-4A, on the far south side of the site (primrose drainage area). Monitored these activities.

1200: Tailboard meeting with crew to reiterate nesting bird protection, special status species, what to do when finding a nest etc. told crew that music is no longer allowed until end of nesting bird season.

1345: Crew wraps up for day- inspect site and leave.

Additional Comments

N/A

Signature





photo_1-20230327-pre_planting_facingS.jpg
-118.1768120277779 34.18868458333333



photo_2-20230327-post_planting_facingS.jpg
-118.1766146111112 34.1889804277777



photo_3-20230327-COHA_02_facingNW.JPG

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Vincent Baker
Company: ICF
Date of Log: March 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:35	36 °F	0-3 MPH	0 %
End of Day	14:24	72 °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: YRWA, SOSP, CALT, AMCR, WCSP, HOFI, BEWR, ALHU, CANG, SPTO, BGGN, CASJ, NOFL, ACWO, PSFL, CAQU, RCKI, ANHU, KILL, BUSH, OATI, CAKI, RCPA, CORA, CATH, HETH, OCWA, MODO, LEGO, MALL, BUFF, NUWO, TUVU, RTHA, BLPH, HOOR, NRWS, WEBL, LESC

Reptiles: Western fence lizard

Mammals: Fox squirrel, desert cottontail, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0635: Arrive on site.

0700: Safety tailgate. Discussed work plan for the day.

0710: Crew members work on weeding with hand tools west of DG-2 WOUS feature. This work was performed just outside of the COHA Nest buffer area.

0820: Convened with Erik to discuss work for the day. He communicated that work on Wednesday may potentially be canceled due to the forecasted rain.

0900: Crew takes a break.

0915: Crew prepares to weed in the same area by the COHA nest as well as along the DG-2 New Channels feature.

1145: Crew breaks for lunch.

1235: Crew returns to work.

1415: Crew ends their workday.

Additional Comments

Other notes:

ANHU Nest: No birds observed on nest. A female ANHU was seen flying by and perching near the nest, but was never observed sitting on the nest itself. Monitored periodically throughout the day.

New ANHU_2 Nest discovered in same tree as COHA Nest. Added to Collector map.

CASJ Nest: Both adults standing guard near nest. One bird foraging for materials to bring to nest. Very skittish & wary of people walking along the main trail.

COHA Nest: Both adults heard vocalizing and observed perched either at or nearby the nest location throughout the day. Bringing sticks and nest material to nest.

Signature

Handwritten signature



COHA_nest_facingSE.jpg
-118.17138763055556 34.19027748055555



Weeding_outside_COHA_buffer_facingNW.jpg
-118.17146753888889 34.1903714



Weed_removal_DG-2NewChannels_facingE.jpg
-118.17196683888889 34.190824738888885

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Jessica Medrano
Company: Stillwater
Date of Log: March 27, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	90 %
End of Day	14:00	67 °F	0-3 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

- 1) Vegetation clearing
- 2) Hoes, tarps, gloves
- 3) Two 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, CASJ, CALT, TUVU, AMCR, BUSH, AMGO, AMRO, TRES, CATH, LEGO, SNEG

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Plan for the day, nest and bird check. Cleared area DG-4A to work on for vegetation, no nest found. Monitored weeding.

1200: Continue to monitor area throughout the day, team added irrigation to cuttings planted last week and continue to weed area

1330: Team starts to wrap up for the day, fill out Survey123, take after photos.

1400: End of work day

Additional Comments

N/A

Signature





photo_1-20230327-DG4A_weeding_before_facingSE.jpg
-118.17686961111112 34.18973163888889



photo_2-20230327-DG4A_weeding_before_facingSE.jpg
-118.17686233333333 34.18976517222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Michael Walsh
Company: Stillwater
Date of Log: March 28, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	50 °F	0-3 MPH	0 %
End of Day	14:15	68 °F	4-6 MPH	0 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 14 weeding and installing stakes 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:

PUFI, BEWR, LEGO, HOFI, NUWO, SPTO, AMRO, OATI, CASJ, ANHU, CALT, RCPA, YRWA, DOWO, RNDU, RUDU, CANG, MODO, EUST, BLPH, RTHA, CATH, WEBL, DEJU, LISP, BGGN, desert cottontail, CAGU, COHA, western fence lizard, TUVU,

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrived at site, tailboard meeting.

0645: Performed a nesting bird survey.

0700: Cleared crew to work. There were two nearby crews, one weeding in the "primrose" area, and another installing cuttings in the southernmost clearing (both DG-4A). No scolding etc. from the Cooper's hawk pair nearby.

1200: Scolded aggressively by a BGGN male while walking back from break- logged point on field maps. No nest or evidence of a nest found. Was not near crew.

1400: Crew began wrapping up while I inspected the site.

Additional Comments

Today the crew installed 75 mulefat and 166 black willow stakes. Yesterday the crew installed 100 mulefat stakes and 59 black willow.

Signature





photo_1-20230328-pre_weeding_facingE.jpg
-118.1768465555556 34.18966468333333



photo_2-20230328-post_weeding_facingE.jpg
-118.17693681666667 34.18964994444444



photo_3-20230328-pre_staking_facingS.jpg
-118.17716975 34.18922243055555



photo_4-20230328-staking_progress_facingS.jpg
-118.17722858333333 34.18918480555556

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Cole Sutter
Company: ICF
Date of Log: March 28, 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	68 °F	7-9 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 crew of 10 + 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: Canada Goose, Oak Titmouse, House Finch, Ruby-crowned Kinglet, European Starling, Acorn Woodpecker, Ring-necked Duck, California Scrub Jay, California Thrasher, Wrentit, California Towhee, Cooper's Hawk, Song Sparrow, Spotted Towhee, Black Phoebe, Anna's Hummingbird, White-crowned Sparrow, Allen's Hummingbird, Mallard, Yellow-rumped Warbler, Western Bluebird, Cassin's Kingbird, Lesser Goldfinch, Northern Rough-winged Swallow, Common Raven, Orange-crowned Warbler, Bewick's Wren, Mourning Dove, Nuttall's Woodpecker, Cedar Waxwing

Mammals: Beechey Ground Squirrel, Fox Squirrel

Herps: Side-blotched Lizard, Western Fence Lizard

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0730: Observed COHA returning to nest along trail.

0845: Crew broke for break.

0930: PW crews started operating large equipment and removing wood debris from area south of DG-2.

0940: Updated status of CASJ nest.

1145: Crew broke for lunch.

Additional Comments

Further erosion has occurred South of the previously documented erosion/collapse issues. It is now reaching well into DG-2, taking several of our plantings and more irrigation tubing. The majority of what used to be a trail running along the top of the slope is now completely gone or impassable due to safety concerns.

Signature



Crews_weeding_side_slopes_facingS.jpg
-118.1735090638889 34.1859481027777



Dead_flooded_oak_DG3A.jpg
-118.17333269444445 34.18656288333333



Restoration_area_collapse_DG2_facingN.jpg
-118.17267177777778 34.18987818333333



Restoration_area_collapse_DG2_facingN(2).jpg
-118.17248780555556 34.19102374166666

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:45	43 °F	0-3 MPH	70 %
End of Day	13:50	55 °F	0-3 MPH	70 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Weeding of non-native vegetation at Primrose restoration site and installation of irrigation lines and meter boxes. Seven Nature's Image crew present, working under Eduardo for initial weeding, then five more crew members added for willow stake planting. All work done with hand tools.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

NUWO, PUF1, CASJ, ACWO, CALT, SOSP, CATH singing a lot, SPTO, AMRO, AMCR, MODO, big-eared woodrat nest, ANHU, YRWA, BEWR, CANG, OATI, WCSP, LEGO, BUSH, RCPA, RTHA (adult and juvenile interacting in flight), COHA, HOFI, RNDU (~20 in reservoir), PSFL, California ground squirrel, EUST, DEJU, HETH, RCKI, CORA, small toad, BGGN, ALHU, mule deer tracks.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0705: Crews preparing.

0705-0725 Checked Primrose in DG4A for nests and sensitive species. Saw MODO nest tree flagged by Dawn last week.

0705-0815: Crews waited out light rain.

0815: Crews began weeding Primrose.

0815-0840: Checked DG4 in Primrose for nests and sensitive species. Two potential nests found in willows, but no related bird activity, so deemed inactive.

1230: Willow stake planting begins where weeds were just removed. BUSH 02 bushtit nest found near trail at Primrose by Dawn and I after a bushtit carrying nesting material was seen. 35-foot buffer flagged. Planting finished at 1335. Log finished at 1350.

Additional Comments

N/A

Signature





photo_1-20230330-DG4-Primrose-lookingSE-before.jpg
-118.1765166 34.1896126



photo_2-20230330-DG4-Primrose-lookingSE-after.jpg
-118.1765869 34.189608099999994



photo_3-20230330-DG4-Primrose-lookingNE-willow_staking-Nend-after.jpg
-118.1766916 34.18955430555555



photo_4-20230330-DG4-Primrose-lookingNE-willow_staking_Send-after.jpg
-118.17664369444445 34.1895501

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	100 %
End of Day	14:50	56 °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 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: LCSP SOSP WCSP BEWR CALT CATH YRWA CASJ HOFI AMCR CORA MALL ANHU OATI ACWO AMCO
BLPH RUDU WREN MODO ALHU CANG RTHA BUTI NOMO AMKE CAKI SAPH TUVU LEGO HUVI CAQU RCKI
Parrot sp. SPTO RSHA KILL COHA OCWA AMGO OSPR

Reptiles: NA

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-3A with hand tools and one line trimmer. 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-3A.

1200: Crew breaks for lunch.

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

1435: Crew stops work for the day.

Additional Comments

I took photos in the app but it only let me rename the first one. Photo 2 - Invasive_species_removal_DG-3A_facingSW Photo 3 - Invasive_species_removal_DG-3A_facingNW

Signature

10/2/18



Invasive_species_removal_DG-3A_facingW.jpg



Invasive_species_removal_DG-3A_facingSW



Invasive_species_removal_DG-3A_facingNW

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Nico Hodgson
Company: Stillwater
Date of Log: March 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	40 °F	4-6 MPH	60 %
End of Day	14:00	53 °F	4-6 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image crew of 5-6 weeding in the tire wash.

Did you observe any special-status species? Yes No

Were any least Bell's Vireo detected? Yes No

List of species observed while monitoring:

HOFI, CALT, SPTO, BGGN, PSFL, WCSP, AMCR, CASJ, ANHU, PUF1, BEWR, EUST, ACWO, RTHA, TUVU, HOME, MALL, YRWA, KILL, NOMO, MODO, BLPH, RNDU, NRWS, BUSH, NOFL, coyote, California ground squirrel

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

6:30am: Arrived at site, tailboard meeting.

6:50am: WEEP training with Mike Walsh.

8:00am: Performed nesting bird survey.

8:30am: Cleared crew to work in Tire Wash zone.

8:30-11am: Monitored for nesting birds, found two nests (EUST-01 & CASJ-02), ensured correct plants were being removed.

11am-12pm: Updated field report and took lunch.

12-12:30pm: Continue monitoring weed removal.

12:30-1:45pm: Guided orientation of project sites with Mike Walsh.

1:45-2pm: Completed field report.

Additional Comments

N/A

Signature





Vegetation_weeding_before_facingN.jpg
-118.17812643333333 34.18671400555555



Vegetation_weeding_after_facingN.jpg
-118.17816388888889 34.18668252222222

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 30, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	42 °F	0-3 MPH	40 %
End of Day	14:00	51 °F	0-3 MPH	60 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) stake collecting crew: Alberto, Vidal, Miguel, Augustine plus two. Crew using loppers.

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, AMRO, WCSP, CSJA, CAQU, CATH, CANG, SPTO, MALL, ACWO, OCWA, CAQU, YRWA, DEJU, PUF1, HOWR, RCPA, BEWR, GREG, ECDO, BEWR, BUSH, BGGN, PSFL, WAVI, BLPH, RUDU, RNDU, HOOR, HOME, CORA, ANHU, ALHU, CAKI, BLPH

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Three team crew members gather, I'm with stake collecting crew of six and check for nesting at the northeast side of the arroyo. At 0845, I see a pair of BUSH nest building and monitor activity. The crew finishes.

1200: Crew takes stakes to primrose for planting. I document a second bushtit nest in primrose, BUSH_02, and Dave flags the buffer. Crew packs up at 0130.

Additional Comments

Signature





photo_1willow_collection_NE_collection_area.jpg
-118.16987623888889 34.208465430555556



photo_2_Arroyo_willow_stake_piles.jpg
-118.16931563055556 34.20866630555556



photo_3_completion_of_arroyo_willow_stakes.jpg
-118.16942823055555 34.2087140277778



photo_4portion_of_staked_area_primroseS_facingE.jpg
-118.17677400000001 34.18965808333333

Devil's Gate Biological Monitoring Log
Biologist/Monitor: David Torfeh
Company: Stillwater
Date of Log: March 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	43 °F	0-3 MPH	5 %
End of Day	13:50	72 °F	0-3 MPH	50 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Vegetation clearing of non-native plants (three crew) at restoration site, planting of arroyo willow stakes (six crew), and installation of irrigation lines (four crew), all using hand tools. Crews are of Nature's Image, with Genaro 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:

RCPA, NUWO, SOSP, SPTO, CALT, CANG, LEGO, CATH, RNDU, AMCR, COHA, BRBL, MODO, swallow sp., OATI, AMRO, BEWR, CASJ, RCKI, HETH, YRWA, ANHU, HUVI, CAKI, RSHA, BLPH, ACWO, HOFI, WTSW.

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630-0655: Preparation.

0655-0710: Travel to site. Dawn and I checked SE Primrose (DG4) area only briefly because whole area was checked March 30th. Nothing of concern found.

0715: Weeding and planting begin in southeastern Primrose (DG4A) next to existing willows.

0720: Irrigation installation begins.

0845: Potential Bewick's Wren nest cavity found 15 feet north of BUSH 02 nest about 15 feet up on willow trunk just east of trail, with BEWR pair on ground and low branches below it.

0935: Moved SW to just north of COHA nest buffer boundary. Flagged BUSH 03 nest in progress found by Dawn, and I was shown an Anna's Hummingbird nest nearby by Dawn.

1210-1250: Planting of mulefat stakes in NW Primrose.

1250-1310: SE Primrose additional staking. Ended because near Anna's Hummingbird nest.

0145: Work ends at SW Primrose.

1350: Data input concluded.

Additional Comments

N/A

Signature





photo_1-20230331-DG4A-Primrose-weeding-lookingE-begin.jpg
-118.1765468055556 34.1894971



photo_2-20230331-DG4A-Primrose-weeding-lookingE-end.jpg
-118.1765766 34.1894625



photo_3-20230331-DG4A-Primrose-planting-lookingS-begin.jpg
-118.1766170000001 34.18900219444444



photo_4-20230331-DG4A-Primrose_SW-lookingN-after.jpg
-118.17732780555556 34.1890845

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Kristen Klinefelter
Company: ICF
Date of Log: March 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	44 °F	0-3 MPH	0 %
End of Day	13:25	67 °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 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

Reptiles: NA

Mammals: Desert Cottontail, California Ground Squirrel

Amphibians: Western Toad

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

0630: Arrive on site.

0640: Safety tailgate.

0645: Crew begins work weeding DG-3A with hand tools and one line trimmer. 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-3A.

1200: Crew breaks for lunch.

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

1315: Crew stops work for the day.

Additional Comments

N/A

Signature

10/11/18



Invasive_species_removal_DG-3A_facingN.jpg

Devil's Gate Biological Monitoring Log
Biologist/Monitor: Dawn Garcia
Company: Stillwater
Date of Log: March 31, 2023

	Time	Temperature (°F)	Wind Range (MPH)	Cloud Cover (%)
Start of Day	06:30	38 °F	0-3 MPH	0 %
End of Day	14:00	70 °F	4-6 MPH	30 %

What Type of Monitoring is Being Conducted?

Restoration Monitoring

Construction Activity:

Natures Image (NI) Genero is acting foreman. Crew of nine planting, irrigating and six weeding. They are dedicated 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:

BTPI, SOSP, AMRO, BEWR, SPTO, CSJA, RCKI, CALT, AMCR, BUSH, PUF1, OATI, WBNU, RCPA, NUWO, LEGO, BUSH, BGGN, CORA, EUST, YRWA, ANHU, BEKI, RNDU, CANG, EGGO (2), NOMO, NRWS, KILL, HOFI, WCPS, KILL may be nesting on gravel access road to reservoir, BARS, VGSW

Did You Observe any Non-Compliance Issues? Yes No

Log Entry

brrr! hear pacific treefrog calling from ponded area near the dumpster. Probably will find egg masses here.

0645: Walked to three project sites: primrose to clear for nest activity.

0715: Crew of five joins me for weeding, south most area of Primrose (photo 1), weeding pepperweed. Starting at south end near COHA nest buffer (no obvious irritation by pair) and move North. Lots of trash and flooding in this area as seen by waterline on trees (Photo2) and flooded pockets.

0815-0845: I document an active ALHU and ANHU nest, both in very protected, dense tree stands. Find BUSH_03, Dave helps me flag it off, between two primrose sites. Walk to reservoir, no new inhabitants. KILL maybe nesting on gravel road, but didn't see anything. Logged area on collector to follow-up. Crew stays in same area all day.

Afternoon, COHA, become more vocal and active. A pair of RTHA soar over the nest stand and one COHA mobs. They are not perturbed by crew.

0130: Crew breaks, finished with maintenance, Finish the day with pics and report.

Additional Comments

Nest-building activity is really ramping up with hummers and bushtits. ECORP Bio Taylor found nest-building ORJU. CATH singing non-stop.

Signature

Blanco



photo_1_Pre-weeding_S_most_clearing_facing_S.jpg
-118.1773853888889 34.188987069444444



photo_2water_line_from_flooding_looking_S.jpg
-118.17728921111112 34.188439519444444



photo_3post-weeding_now_irrigating_planting.jpg
-118.17727944444445 34.18909353888888



photo_4-complete_weeding_pepperweed_gone.jpg
-118.1773082888889 34.18907906944444