

Devil's Gate Reservoir Restoration Project Fourth Quarter Compliance Report Activities Occurring Between October 2019 and December 2019

Submitted to:

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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 fourth quarter of 2019 (October through December). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the site 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 fifth report (Quarterly Compliance Report Number 5) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between October 1 and December 31, 2019.

2.0 COVERED ACTIVITIES

2.1 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."

All activities during the fourth quarter of 2019 occurred outside of the nesting bird season and outside of the vireo breeding and nesting season. Therefore, biological monitoring of construction activities during the fourth quarter of 2019 consisted of twice-weekly site checks by Designated Biologists approved by the USFWS for least Bell's vireo monitoring when Project activities were ongoing. Daily biological monitoring of restoration activities occurred until all container plants had been planted in Phase 1 areas. Table 1 shows Project working dates and the biological monitors that were present on each date.

Devil's Gate Reservoir Restoration Project
Fourth Quarter 2019 Compliance Report

Table 1. Monitors Onsite During Work Days.		
Date	Construction Monitors	Restoration Monitors
10/01/19	Shannan Shaffer*	Lauren Simpson*
10/02/19		Max Murray
10/03/19		Carley Lancaster
10/04/19		Adam Schroeder
10/07/19		Adam Schroeder
10/08/19		Adam Schroeder
10/09/19	Shannan Shaffer*	Lauren Simpson*
10/10/19	Taylor Dee*	Kent Hughes
10/11/19		Carley Lancaster
10/14/19	Lauren Simpson*	Alden Lovaas
10/15/19		Alden Lovaas
10/16/19		Adam Schroeder
10/17/19	Shannan Shaffer*	Adam Schroeder
10/18/19		Carley Lancaster
10/21/19		Max Murray
10/22/19	Shannan Shaffer*	Alden Lovaas
10/23/19		Carley Lancaster
10/24/19		Max Murray
10/25/19	Shannan Shaffer*	Alden Lovaas
10/28/19		Restoration Monitoring Suspended Until Activities Require a Monitor.
10/29/19	Shannan Shaffer*	
10/30/19		
10/31/19	Shannan Shaffer*	
11/01/19		
11/04/19		
11/05/19	Lauren Simpson*	
11/06/19		
11/07/19	Lauren Simpson*	
11/08/19		
11/11/19		
11/12/19	Lauren Simpson*	
11/13/19		
11/14/19	Lauren Simpson*	
11/15/19 ⁺		
11/18/19	Lauren Simpson*	
11/19/19		
11/20/19		
11/21/19		
11/22/19	Lauren Simpson*	
11/25/19	Lauren Simpson*	
11/26/19 ^β		
11/27/19	Project Activities Halted Until Spring 2020	
11/28/19		
11/29/19		
12/02/19 – 12/06/19		
12/09/19 – 12/13/19		
12/16/19 – 12/20/19		
12/23/19 – 12/27/19		
12/30/19 – 12/31/19		
		12/18/19: Carley Lancaster
		Restoration Monitoring Suspended Until Activities Require a Monitor.

* = LBVI approved biologist

⁺ = Last day of sediment removal activities.

^β = Last day of Project Activities on the Project site – Contractor Demobilized.

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

2.2 Project Activities

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

- Project activities (including sediment removal hauling activities) continued from October 1, 2019 through November 15, 2019.
- Project demobilization activities occurred from November 18 through November 26, 2019. No Project Activities occurred between November 27, 2019 and December 31, 2019.
- Sediment removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.
- Small areas of emergent vegetation were cleared using front loaders, skidders, and excavators in preparation for hauling activities, expansion of hauling routes within the site boundaries, and preparing the site for the winter storms. All vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.

Construction monitoring logs for this quarter detailing daily activities are included in Appendix A.

2.3 Habitat Restoration Activities

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

- Restoration activities continued from October 1, 2019 through December 31, 2019.
- Container planting for the Phase 1 areas was completed on October 25, 2019, at which point, restoration monitoring was suspended until restoration crew activities required a monitor (December 18, 2019). Although restoration monitoring was suspended, ECORP restoration ecologists conducted multiple site visits to provide oversight to the crew, check irrigation functionality, check plant health and vigor, and identify any issues with the Phase 1 restoration areas.
- Low-growing non-native plants (primarily perennial pepperweed [*Lepidium latifolium*], black mustard [*Brassica nigra*], common fig [*Ficus carica*], wild radish [*Raphanus sativus*], poison hemlock [*Conium maculatum*], ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], red stemmed filaree [*Erodium cicutarium*], tree tobacco [*Nicotiana glauca*], common barley [*Hordeum vulgare*], and wild oat [*Avena fatua*]) were removed from the DG-4 and DG-4A onsite restoration areas by hand pulling and using small hand tools, shovels, weed whips, hula hoes, and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Irrigation systems were installed in DG-4 and DG-4A in preparation for the installation of container plants.

- Container plants were installed in DG-4 and DG-4A, in accordance with the final Habitat Restoration Plan for the Project. Holes for container plants were hand-dug. Container plants installed included the following species: deerweed (*Acmispon glaber*), California sagebrush (*Artemisia californica*), California mugwort (*Artemisia douglasiana*), coyote brush (*Baccharis pilularis*), mulefat (*Baccharis salicifolia*), California brittlebush (*Encelia californica*), California buckwheat (*Eriogonum fasciculatum*), Menzies' goldenbush (*Isocoma menziesii* var. *menziesii*), wrinkled rush (*Juncus rugulosus*), basket rush (*Juncus textilis*), laurel sumac (*Malosma laurina*), Coast prickly pear (*Opuntia littoralis*), Fremont's cottonwood (*Populus fremontii*), California wildrose (*Rosa californica*), California blackberry (*Rubus ursinus*), Goodding's black willow (*Salix gooddingii*), red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), black sage (*Salvia mellifera*), blue elderberry (*Sambucus nigra* ssp. *caerulea*).
- Protective wire cages were installed around rush (*Typha*) species in DG-4 and to protect them from herbivory.
- Large eucalyptus trees felled in DG-4 during the previous quarter were chipped and removed from the site.
- Native plant seeds were broadcasted into DG-4, DG-4B, DG-4C, and DG-5. Seeds were spread using a seed broadcaster and then raked into the soil. The native seed mix broadcasted during this reporting period included the following species: short winged deerweed (*Acmispon glaber* var. *brevialatus*), common yarrow (*Achillea millefolium*), ragweed (*Ambrosia psilostachya*), wild tarragon (*Artemisia dracunculus*), California brome grass (*Bromus carinatus*), island false bindweed (*Calystegia macrostegia* ssp. *intermedia*), cobweb thistle (*Cirsium occidentale*), tall cyperus (*Cyperus eragrostis*), giant wild rye (*Elymus condensatus*), beardless wild rye (*Elymus triticoides*), California poppy (*Eschscholzia californica*), common bedstraw (*Gallium aparine*), bicolored lupine (*Lupinus bicolor*), chilicothe (*Marah macrocarpa*), mustang mint (*Monardella breweri* ssp. *lanceolata*), caterpillar phacelia (*Phacelia cicutaria*), common phacelia (*Phacelia distans*), California bluebell (*Phacelia minor*), Parry's phacelia (*Phacelia parryi*), ladies' tobacco (*Pseudognaphalium californicum*), willow dock (*Rumex salicifolius*), foothill needle grass (*Stipa lepida*), and stinging nettle (*Urtica dioica* ssp. *holosericea*). Seeding for Phase 1 areas was completed on December 2, 2019.

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

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 January 1, 2020 to March 31, 2020.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 2 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 2. Devil's Gate Mitigation Monitoring and Reporting Program

MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist continued to be present during all initial vegetation-disturbing project-related activities during the 2019 fourth quarter reporting period. See Table 1 for details.
MM BIO – 2: Within 90 days prior to ground-disturbing activities, a sensitive species educational briefing shall be conducted by a qualified biologist for construction personnel. The biologist will identify all sensitive resources that may be encountered onsite, and construction personnel will be instructed to avoid and report any sightings of sensitive species to the Los Angeles County Flood Control District (LACFCD) or the monitoring biologist. Educational briefings shall be repeated annually for the duration of the sediment removal.	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided on an as-needed basis to new project personnel afterwards during the 2019 fourth quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19	Preconstruction surveys for sensitive species and least Bell's vireo were conducted prior to the initiation of project activities in the fourth quarter of 2018. Preconstruction breeding season surveys for least Bell's vireo were conducted 30 days prior to the initiation of ground disturbing activities within the Reservoir during the breeding season. A preconstruction breeding season least Bell's vireo survey report was submitted to LACDPW in June 2019. No preconstruction surveys took place during the fourth quarter of 2019.
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	Preconstruction surveys for nesting birds started 30 days prior to the initiation of ground-disturbing activities inside the reservoir (Phase 2 Project activities) which occurred on April 15, 2019. Active bird nests within 300 feet of the Project site were documented and appropriate no-work buffers were established. Designated Biologists monitored construction activities daily when ground disturbance occurred during the nesting season. A nesting bird survey report was

Table 2. 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
							submitted to LACDPW in June 2019. Monitoring of active bird nests continued through the end of the nesting bird season during the fourth quarter of 2019.
<p>MM BIO – 5: Within 30 days prior to commencement of vegetation or structure removal activities, a preconstruction bat survey shall be conducted by a qualified biologist for the presence of any roosting bats. Acoustic recognition technology shall be used if feasible and appropriate. If either a bat maternity roost or hibernacula (structures used by bats for hibernation) are present, a qualified biologist will develop and implement appropriate protection measures for that maternity roost or hibernacula. These protection measures shall include, as appropriate: safely evicting non-breeding bat hibernacula, establishment of avoidance buffers, or replacement of roosts at a suitable location. These measures shall also include as appropriate:</p> <ul style="list-style-type: none"> To the extent feasible, trees that have been identified as roosting sites shall be removed or relocated between October 1 and February 28. When trees must be removed during the maternity roost season (March 1 to September 30), a qualified bat specialist shall conduct a preconstruction survey to identify those trees proposed for disturbance that could provide hibernacula or nursery colony roosting habitat for bats. Trees identified as potentially supporting an active nursery roost shall be inspected by a qualified biologist no greater than seven days prior to tree disturbance to determine presence or absence of roosting bats. Trees determined to support active maternity roosts will be left in place until the end of the maternity season (September 30). If bats are not detected in a tree, but the qualified biologist determined that roosting bats may still be present, trees shall be removed as follows: <ul style="list-style-type: none"> Pushing the tree down with heavy machinery instead of felling the tree with a chainsaw. First pushing the tree lightly two to three times with a pause of 30 seconds in between each nudge to allow bats to become active, and then pushing the tree to the ground slowly. Allowing the tree to remain in place for 24 to 48 hours until inspected by the qualified biologist for presence or absence of roosting bats. <p>The qualified biologist shall document all bat survey, monitoring, and protection measure activities and prepare a summary report for LACFCD.</p>	<p>Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Pre-Sediment Removal; Sediment Removal; Reservoir Management</p>	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/06/2018 – 11/08/2018</p>	<p>Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2019 fourth quarter reporting period.</p>
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	<p>Los Angeles County Flood Control District</p>	<p>Less than significant</p>		<p>11/19/18 - ongoing</p>	<p>Restoration activities were continued during the 2019 fourth quarter reporting period.</p>

Table 2. 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"> o Site-specific container plant (if applicable) and seed palettes, o Irrigation plan, o Nonnative and invasive plant species removal, o Maintenance and monitoring schedule, o Qualitative and quantitative monitoring methodologies, o Selection criteria of reference sites, o Performance standards of the mitigation sites, o Monitoring reports and annual reports schedule, o Mitigation long-term management plan, and o Funding description for implementation and long-term management. • Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. • Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> o Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, o Add soil amendments if problem soils may be inhibiting plant growth, o Replant if plant survival is low or to increase plant species cover or diversity, o Install different plant species for plant species that are not surviving, and o Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city-protected trees that would be removed or potentially affected by the Proposed Project, native city-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 2019 fourth quarter reporting period.
<ul style="list-style-type: none"> • 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 	Reservoir Management	Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019

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Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>communities, and federally protected wetlands has been achieved.</p> <ul style="list-style-type: none"> Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, Add soil amendments if problem soils may be inhibiting plant growth, Replant if plant survival is low or to increase plant species cover or diversity, Install different plant species for plant species that are not surviving, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 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. 	<ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	<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 					fourth quarter reporting period.

*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 – Construction Monitoring Logs

Appendix B – Habitat Restoration Monitoring Logs

APPENDIX A

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/01/2019 11:29 AM

Date

Oct 1, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

12:29

End Temperature

69

End Cloud Cover

5

End Wind Speed

4-7

Construction Activity and Personnel

Vegetation clearing. Griffith Company, Joe (foreman), Ed (operator). One front loader, one water truck

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

CORA, CALT, CASJ, BUSH, ALHU, RTHA, MODO, ROPI, HOFI, SPTO, BEWR, AMCR, parrot sp., CAQU, CATH, BLPH, WREN, ACWO, CAKI, western toad, western fence lizard, common side-blotched lizard, perimyscus sp., COHA, AMKE, ANHU, NRWS, WTSW,

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0700, LBVI site check 0815, monitored vegetation clearing in northern portion of work area, no species of concern observed. Vegetation removed consisted primarily of perennial pepperweed Work area perimeter fencing still down in various locations.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of two distinct parts. The first part is a stylized, cursive letter 'A'. The second part is a more complex, cursive signature that appears to be 'D. W.' or similar, with a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/09/2019 8:52 AM

Date

Oct 9, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

Start Time

06:50

Start Temperature

41

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

09:51

End Temperature

65

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Excavator, scraper, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

CASJ, CALT, WREN, CORA, RTHA, AMCR, MODO, HOFI, ACWO, ANHU, ROPI, Parrot sp., BLPH,

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0650, LBVI site check Sections of fencing still down along perimeter

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of connected, fluid strokes that are difficult to decipher as specific letters.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/05/2019 1:31 PM

Date

Oct 10, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

70

Start Cloud Cover

35

Start Wind Speed

0-1

End Time

09:45

End Temperature

72

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Purpose: biological site check. No construction activity onsite.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, BLPH, AMCR, CALT, HOFI, WCSP, OATI, SPTO, EUST, MODO, CSJA, WREN, NOFL, LEGO, desert cottontail, western fence lizard, parrot sp., kingbird sp., SOSPO, CAQU, NUWO, ANHU, COYE, CORA, BEWR, RSHA, CATH,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 arrived on site. Restoration crew observed on west side. City of Pasadena has construction occurring southwest of project in Oak Grove Park. Tetra Tech vehicle observed in work area. Conducting air quality monitoring. No other construction activities observed. Multiple areas of downed fencing around the project boundary, especially along the west side. No other concerns observed. No impacts to sensitive biological resources observed. 0945 biologist left site

Log Entry - Photos taken?

No

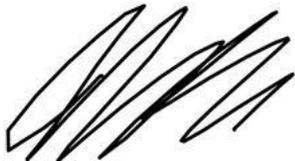
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping, stylized loops and lines, positioned below the 'Signature' heading.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/14/2019 9:32 AM

Date

Oct 14, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:35

Start Temperature

59

Start Cloud Cover

75

Start Wind Speed

0-1

End Time

09:35

End Temperature

64

End Cloud Cover

30

End Wind Speed

0-2

Construction Activity and Personnel

Griffith co. One excavator, one front loader, two small scrapers, haul trucks and scale house personnel.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, parrot sp, ROPI, CORA, LEGO, CASJ, MODO, HOFI CAQU, SOSP, EUST, CALT, NUWO, CAQU, CAKI, WCSP, ANHU, COHA, AMKE

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0735 arrived on site for weekly site check. Gave one new truck driver WEAP training. Inspected project site. Portions of fence need repair, will require vegetation regrowth removal. No bio issues observed on site, no sensitive resources observed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/17/2019 10:50 AM

Date

Oct 17, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:05

Start Temperature

51

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

09:45

End Temperature

64

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

Front loader, excavator, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCR, HOFI, CASJ, RTHA, ANHU, Coyote, CORA, WCSP, CALT, SPTO, BLPH, WTEN, CAQU, BEWR, COHA, AMKE, common side-blotched lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

LBVI site check. Sections of fencing still down.

Log Entry - Photos taken?

No

Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/22/2019 11:34 AM

Date

Oct 22, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:58

Start Temperature

61

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

09:45

End Temperature

78

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Front loader, excavator, haul trucks, water truck

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, CASJ, CORA, RTHA, ANHU, CALT, CAQU, AMCR, SPTO, WREN, AMKE, western fence lizard, coyote, CA ground squirrel, MODO, WCSP, parrot sp., COHA

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

LBVI site check, some sections of perimeter fencing still down.

Log Entry - Photos taken?

No

Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be the initials 'KLA' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/25/2019 10:01 AM

Date

Oct 25, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:13

Start Temperature

64

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

09:48

End Temperature

79

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

No construction activity.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, BUSH, BLPH, CORA, ROPI, CAQU, AMCR, HOFI, CATH, ACWO, WCSP, RTHA, SPTO, coyote, common side-blotched lizard, western fence lizard, BEWR, NRWS

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0715, LBVI site monitoring

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'H. D.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/29/2019 9:14 AM

Date

Oct 29, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:15

Start Temperature

49

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

09:25

End Temperature

64

End Cloud Cover

0

End Wind Speed

2-4

Construction Activity and Personnel

No construction activity

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, NOMO, HOFI, MODO, ROPI, CASJ, SPTO, CAQU, CALT, ANHU, RTHA, WCSP, BEWR, WREN

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

LBVI monitoring site visit.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature



Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/31/2019 9:44 AM

Date

Oct 31, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:14

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

4-7

End Time

09:38

End Temperature

60

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

No construction activity

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ROPI,, CORA, CASJ,, CAQU, coyote, BLPH, HOFI, WREN, COYE, AMKE, SPTO, CALT, BUSH,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

LBVI site monitoring

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to be 'L. A.' or similar initials.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/05/2019 10:34 AM

Date

Nov 5, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:20

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:35

End Temperature

70

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith company, 1 excavator, 1 front loader, 1 scraper, 2 water trucks, 48 haul trucks. Hauling sediment

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, lego, ACWO, hofi, CASJ, WCSP, MODO, YRWA, oati, BLPH, SPTO, ANHU, CAQU, AMCR, RCKI, NOFL, CATH, CAKI, Wren, parrot sp, Cora, RTHA, cottontail, western fence lizard, AMKe

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for LBV site check. No bio issues observed, site is in good condition, perimeter fencing needs repair.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/07/2019 10:37 AM

Date

Nov 7, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:06

Start Temperature

53

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:39

End Temperature

71

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew. 1 excavator 1 loader 1 scraper, haul trucks removing sediment

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Hofi, ROPI BLPH, ANHU, CORA, MODO, lego, ACWO, CALT, CASJ, WCSP, SOSP, CAQU, caki, RTHA, nuwo, Bush, AMCR, yrwa, side blotched lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for twice weekly LBV site check. No bio issues observed. Fence needs repair but will be removed when project halts for the winter.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and a final upward stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/12/2019 11:02 AM

Date

Nov 12, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:50

Start Temperature

59

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:59

End Temperature

75

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew, hauling trucks. 1 front loader, 1 scraper, 2 excavators.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, EUST, ROPI, MODO, AMCR, hofi, WCSP, CASJ, BEWR, WTSW, tuvu, CALT, CAQU, NUWO, ACWO, CAKI, side blotched lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for twice weekly LBV site check. No bio issues observed. Discussed with contractors issues with food litter and micro plastic at irrigation systems. Hauling is in the final week. Perimeter fencing in the process of being removed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/14/2019 11:18 AM

Date

Nov 14, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:29

Start Temperature

58

Start Cloud Cover

25

Start Wind Speed

1-3

End Time

10:00

End Temperature

72

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew, haul trucks, excavator, front loader, scraper, and water trucks. Removing sediment

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, ROPI, CASJ, CALT, ANHU, WCSP, Cora, BEWR, RCKI, CATH, NUWO, YRWA, saph, bobcat, MODO, caki, RTHA, ACWO, LEGO, EUST, side blotched lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for twice weekly LBV site check. Discussed litter issues with contractor, discussed micro plastic issues with County. No bio issues observed. Tomorrow will be final day of hauling for the season.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and a final upward stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/18/2019 2:21 PM

Date

Nov 18, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

56

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

12:18

End Temperature

85

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew demobilization of site. 1 excavator, 1 front loader, crew removing electrical, scales, rumble plates

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Cora, AMCR, BLPH, parrot sp, CASJ, hofi, coha, lego, WCSP, peromyscus, side blotched lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0645 arrived on site, attended tailboard, reminded crew of need to pick up litter. 0715 trained 3 new truckers, 0730 monitored while excavator removed veg and pipe from low flow crossing, reminded fence removal crew of need to remove micro bits of fencing. 0900 monitored while excavator removed 4 small willow regrowths, 1130 monitored while vegetation was cleared along west access road. Relocated one peromyscus out of harms way. No bio issues observed

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/22/2019 9:46 AM

Date

Nov 22, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:41

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

09:44

End Temperature

59

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Griffith company, demobilization. Skipper, fence removal and cleanup.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, MODO, AMCR, CASJ, hofi, ACWO, CALT, YRWA, WCSP, ANHU, BEWR

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for LBV site check. Crew is removing ESA fence and staking. Reminded to pick up all microtrash. Large section of washed out fence in reservoir. Notified contractor of location for removal. No bio issues observed. No sensitive species observed. Monday/Tuesday will be last days of work.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/25/2019 3:47 PM

Date

Nov 25, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:17

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

13:58

End Temperature

65

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. demobilization, fence removal.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Blph, AMCR, ROPI, CASJ, CALT, WCSP, caki, side blotched lizard, bggn, BEWR,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

Onsite for LBV site check. Worked with Griffith co. Worker to walk perimeter and pick up all micro plastics and washed out fencing that was accessible. No bio issues observed. No lbv observed. Site is cleared of most construction equipment and final demobilization will take place tomorrow

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

APPENDIX B

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/01/2019 1:54 PM

Date

Oct 1, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

43

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

1400

End Temperature

73

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Nature's image

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, BLPH, AMCR, ACWO, BEWR, parrot sp, CASJ, NUWO, oati, SOSP, hofi, lego, ANHU, Coye, hofi, coha, RTHA, caqu, towa, deju

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 biologist arrived on site. 0730 crew cleared nonnative veg in 4A to prepare for planting, observed new planting areas in 4A and discussed irrigation strategies. Clearing using rakes and hand pulling. Prepping site for irrigation, digging holes etc. using hand tools to remove fig trees near Berkshire creek.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and a long, sweeping tail that extends to the right.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 10/15/2019 3:50 PM

Date

Oct 2, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

52

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

75

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1) hand tools 2) Ron from Nature's Image. Restoration crew of 20 personnel

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, ACWO, CASJ, CALT, AMGO, HOFI, BEWR, OSFL, AMCR, NUWP, ANHU, BLPH, OATI, BUSH,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0630 - arrive on site 0650 - coordinate with Ron from Nature's Image 0700 - monitor weed removal, fig tree removal in DG-4 0730 - WEEP training for Griffith. Coordinated with Liz and Joe at the scale house. 0830 - return to Restoration Monitoring in DG-4 1500 - end restoration monitoring

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be the letters 'NDM' in a stylized, cursive font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/04/2019 7:59 AM

Date

Oct 3, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

59

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:00

End Temperature

83

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install irrigation line and chainsaws and a chipper to remove eucalyptus material in DG-4. Crew consisted of one foreman (Ron Crawford) and 22 laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, ACWO, RTHA, AMCR, BEWR, NOMO, MODO, CALT, SPTO, HOFI, AMKE, California ground squirrel, western fence lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700, arrived onsite and conducted sweep. 0715, crew began irrigation line installation in DG-4. 1030, crew began using chainsaws and a chipper to remove felled eucalyptus trees. 1300, conducted final sweep and biologist left for the day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

Handwritten signature in black ink.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/04/2019 4:18 PM

Date

Oct 4, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

51

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

13:04

End Temperature

81

End Cloud Cover

0

End Wind Speed

1-4

Construction Activity and Personnel

1. One excavator, chain saws, hand tools. 2. 20 personnel (Nature's Image, Ron)

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, CORA, BLPH, CASJ, CALT, ANHU, MODO, WCSP, YRWA, RLPA, COYE, EUST, CATH, WEKI, Desert Cottontail, common side-blotched lizard, western fence lizard, coastal whiptail

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0730, Monitored crew cutting up and chipping felled eucalyptus trees in DG-4 and DG-4A. 0815, Monitored crew digging holes in the north end of DG-4. 1200, Monitored crew installing drip lines in north end of DG-4. 1230, Monitored crew installing drip line in DG-5.

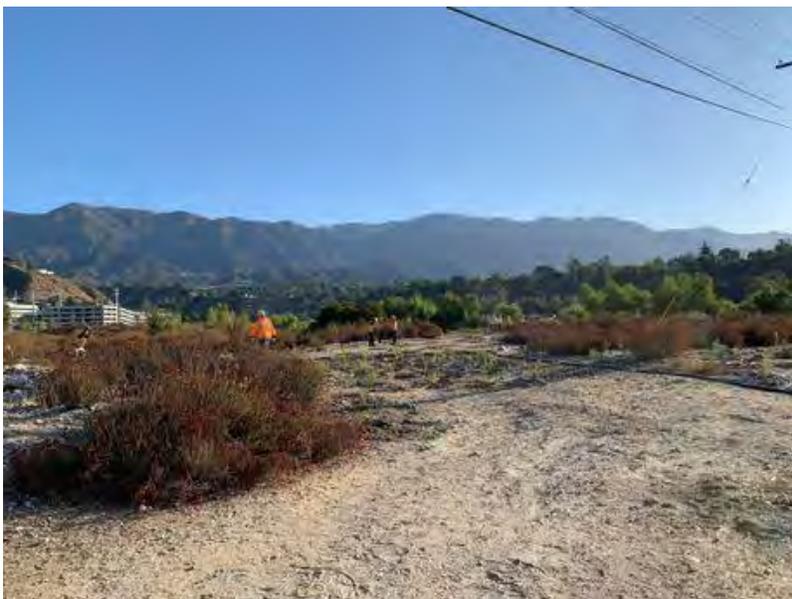
Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "T. J. [unclear]". The signature is written in a cursive style with a large initial letter.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/07/2019 3:32 PM

Date

Oct 7, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

62

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

13:10

End Temperature

89

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. One excavator, one chipper, chain saws, hand tools. 2. 24 personnel (Nature's Image, Ron)

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, ACWO, RSHA, MODO, RLPA, ANHU, CALT, NUWO, DEJU, BLPH, CASJ, CAQU, Desert cottontail, Gopher, western fence lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0730, Monitored crew hand pulling and raking dead material in the southern end of DG-4 in preparation for digging holes.

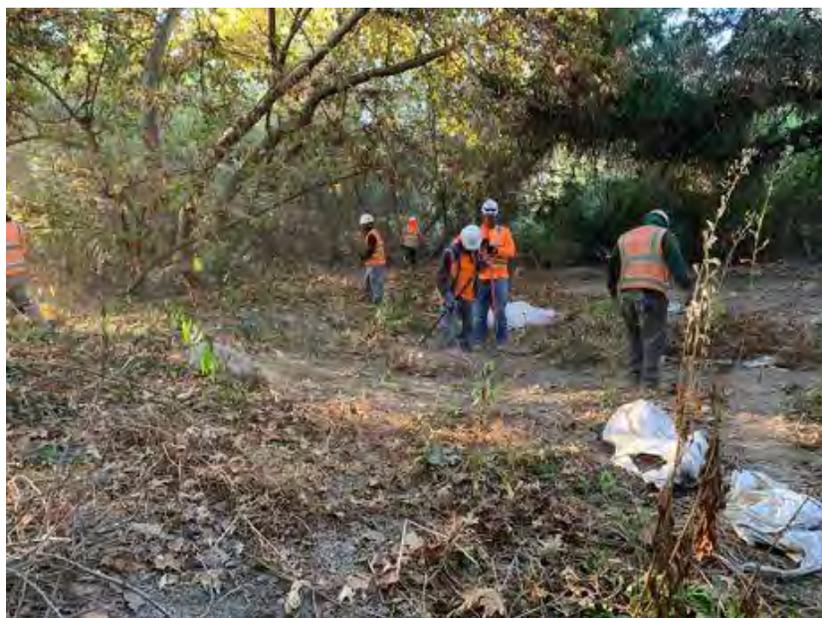
Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "J. A. White". The signature is written in a cursive style with some loops and flourishes.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/08/2019 3:00 PM

Date

Oct 8, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

53

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

13:25

End Temperature

82

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

1. One excavator, hand tools. 2. 24 personnel (Nature's Image, Ron)

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, CORA, CASJ, CALT, ANHU, MODO, RLPA, COHA, Western fence lizard, common side-blotched lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0730, Monitored crew building cages in preparation for planting container plants in DG-4. 1000, Monitored crew unloading DG-4 container plant delivery. 1150, monitored crew transporting container plants to various sites within DG-4, and placing containers in pre-dug holes in preparation for planting the following day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

Handwritten signature in black ink.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/09/2019 1:51 PM

Date

Oct 9, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

13:50

End Temperature

82

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Nature's image crew. Appx 25 crew. One team planting one team removing/chipping felled eucalyptus

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

RSHA, ACWO, parrot sp, AMCR, Wcsp, BLPH, BEWR, SOSP, Bush, CALT, CASJ, ANHU, webl, MODO, NUWO, EUST, wren, towa, hofi, howr, Saph, CAQU, side blotched lizard, cottontail

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 biologist arrived on site and conducted pre work sweep. One crew is working with chainsaws and chipper to remove felled eucalyptus trees. Reminded them of need to have fire extinguisher within line of sight due to red flag days. Other crew is placing delivered plants into their respective holes for pre-planting irrigation in DG 4. At end of day crew began installing protective cages around juncus starting at north end of DG4 and began placing upland plants in that area. Reminded crew to look out for and pick up micro trash 1350 biologist left site

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

Handwritten signature in black ink.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/03/2019 5:40 AM

Date

Oct 10, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

58

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

0

End Wind Speed

5-10

Construction Activity and Personnel

Installing plants, weed removal, 12 people

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

California towhee, spotted phoebe, scrub jay, parrots, coyote,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

A. Crew removing remains of eucalyptus that was cut down.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature



Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/14/2019 1:00 PM

Date

Oct 11, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

5-10

End Time

14:00

End Temperature

85

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install container plants in DG-4. In addition, chainsaws and a wood chipper were used to remove felled eucalyptus trees. Crew consisted of one foreman (Ron Crawford) and 20 laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, SPTO, BEWR, ACWO, MODO, NOMO, ROPI, RTHA, EUST, CASJ, CORA, coyote, California ground squirrel, western fence lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700, conducted pre-work sweep. 0715, crew began using hand tools in to install container plants and chainsaws to remove felled eucalyptus trees in DG-4.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'C. H. G.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/14/2019 12:51 PM

Date

Oct 14, 2019

Monitor Name

Alden Lovaas

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

12:45

End Temperature

68

End Cloud Cover

0

End Wind Speed

2-3

Construction Activity and Personnel

Planting container plants and installing cages around the Juncus. Working in DG-4 N. Using hand shovels and fencing. 18 workers from nature's image: Ron Crawford- foreman

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCR, CA ground squirrel, CASJ

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 arrive on site 0710 crew leaves to designated work areas 0745 noticed herbivory on deer weed (photo A) 0930 done putting fencing around Juncus on N end of DG-4 1000 done planting container plants on the N end of DG-4 1200 workers finished planting all container plants 1215 most of the crew is putting together fencing for Juncus 1245 biologist left sight

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink that reads "Allen Soem". The signature is written in a cursive style with a large, prominent 'A' and 'S'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/15/2019 12:59 PM

Date

Oct 15, 2019

Monitor Name

Alden Lovaas

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

55

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

13:00

End Temperature

81

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Hand shovels used to dig holes and fencing being installed around the Juncus 22 workers from nature's image. Ron Crawford- foreman

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCR, SPTO, MODO, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 workers met at staging area 0720 workers left for Berkshire creek to dig holes and putting cages over Juncus 1000 about 860 holes dug at the S end of DG-4 near Berkshire creek 1030 started digging channels to direct water flow at S end of DG-4 near Berkshire creek (photo A and B) 1215 began laying irrigation at S end of DG-4 1230 found some Juncus they missed, informed Ron and he sent a crew of 4 back to the N end of DG-4 1300 biologist left site

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/16/2019 3:54 PM

Date

Oct 16, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

59

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

13:00

End Temperature

87

End Cloud Cover

30

End Wind Speed

1-3

Construction Activity and Personnel

1. Hand tools. 2. 16 personnel (Nature's Image, Ron)

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, CALT, WCSP, BLPH, CASJ, MOD0, Desert cottontail, common side-blotched lizard, gopher.

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0735, Monitored crew installing drip lines in the southern section of DG-4. 0800, Monitored crew installing cages around Juncus in the northern section of DG-4.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'K. B. D.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/18/2019 7:45 AM

Date

Oct 17, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

40

Start Wind Speed

0-2

End Time

13:00

End Temperature

76

End Cloud Cover

20

End Wind Speed

2-4

Construction Activity and Personnel

1. Hand tools. 2. 16 personnel (Nature's Image, Ron)

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, RLPA, EUST, ACWO, MODO, BEWR, CORA, RSHA, CALT, CASJ, ANHU, SOSPO, Desert cottontail, common side-blotched lizard, western fence lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0740, Monitored crew digging holes and setting up drip lines in the southern end of DG-4.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "R. J. Adre".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/22/2019 9:28 AM

Date

Oct 18, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

62

Start Cloud Cover

0

Start Wind Speed

5-10

End Time

13:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

4-7

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds, dig holes, and install irrigation in DG-4. Crew consisted of one foreman (Ron Crawford) and 20 laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CATH, CALT, SPTO, CASJ, MODO, NOMO, RTHA, BEWR, HOFI, LEGO, CAQU, EUST, ROPI, desert cottontail, RSHA, western fence lizard

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700, conducted pre-work sweep. 0715, crew began removing weeds, digging holes, and installing irrigation in DG-4. Weeds targeted included perennial pepper weed, poison hemlock, black mustard, and nonnative grasses. 1330, conducted final sweep and biologist left for the day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'A' followed by a series of connected, wavy lines that form the rest of the name.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 10/21/2019 2:03 PM

Date

Oct 21, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

61

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:01

End Temperature

90

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

- 1) hand tools only (shovel and picks)
- 2) 14 crew members, Ron from Nature's Image

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, BUSH, CORA, AMGO, ACWU, WCSP, YRWA, RTHA, BEWR, CASJ, CAQU, RSHA, COHA, SOSPO, western fence lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0645: arrive onsite 0700: coordinate with Ron. Preparation in DG-4 south for expected plant arrival this week. Maintenance in DG-4 north. 0715: begin restoration monitoring 1400: end restoration monitoring

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/22/2019 1:04 PM

Date

Oct 22, 2019

Monitor Name

Alden Lovaas

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

69

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:00

End Temperature

91

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Rake, shovels, trowel , and forks 23 nature’s image workers. Foreman- Ron Crawford.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCR, ANHU, BLPH, CA ground squirrel, juvenile rattle snake, MODO, CSJA

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 met in staging area 0715 left towards N end of staging area to pull weeds 1100 container plants arrived 1200 container plants loaded into trucks and taken to S end of DG-4 near Birkshire creek 1215 some of the crew started planting container plants while others ran the plants over from the staging area 1300 biologist left site

Log Entry - Photos taken?

No

Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "M. J. [unclear]". The signature is written in a cursive style with a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/30/2019 10:08 AM

Date

Oct 23, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

09:00

Start Temperature

72

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:00

End Temperature

80

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools install container plants and repair basins in DG-4. Crew consisted of one foreman and twenty laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, EUST, CASJ, BEWR, CORA, RTHA, BLPH, SAPH, SPTO, HOWR, HOFI, LEGO, coyote, California ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0900, biologist arrived onsite and monitored crew installing container plants and repairing basins. 1300, biologist conducted final sweep and left for the day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'C' followed by several loops and a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 10/24/2019 12:33 PM

Date

Oct 24, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

18:30

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

12:30

End Temperature

83

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) hand tools only 2) Coordinated with Ron from Nature's Image. 20 personnel working with the restoration crew.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

RSHA, CALT, HOFI, BLPH, ACWO, ANHU, NUWP, WCSP, AMGO, CASJ, BUSH, AMCR, CORA, SOSP, YRWA, California ground squirrel, western fence lizard.

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0630: arrive on site, coordinate with Ron 0715: begin monitoring restoration (planting and site prep/maintenance) in DG-4 1200: removal of pepper weed and site preparation near the parking lot. 12:30: end restoration monitoring

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping letters that appear to be 'MOM'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/25/2019 12:33 PM

Date

Oct 25, 2019

Monitor Name

Alden Lovaas

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

67

Start Cloud Cover

0

Start Wind Speed

3-5

End Time

06:53

End Temperature

87

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1. Shovels to clear weeds from container plants 2. 28 Nature's image workers. Ron Crawford-foreman

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCR, CSJA,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0700 crew met in staging area 0715 crew left to remove weeds from container plants in DG-4 E of staging area 1000 crew is moving S as they complete each area 1200 may potentially end early due to fires 123 biologist left site

Log Entry - Photos taken?

No

Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "A. J. Brown" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/18/2019 12:51 PM

Date

Dec 18, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:00

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

2-4

End Time

13:00

End Temperature

60

End Cloud Cover

100

End Wind Speed

2-4

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative weeds including perennial pepperweed, black mustard, and poison hemlock. Weeds were disposed of at onsite dumpster. Crew consisted of two foreman (Ron Crawford and Haydee) and 12 laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?

N/A

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, CAQU, SPTO, CALT, HOFI, BEWR, WCSP, AMCR, ROPI, EUST, bobcat, YRWA,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

No

Include details of the work activities that occurred outside of the predesignated work areas.

N/A

Log Entry

0800, biologist arrived onsite and conducted sweep in areas where crew plans to conduct dense weed removal. 0815, crew began removing large, dense weeds. 1300, biologist left for the day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be a stylized name or set of initials, possibly "Curt".