

Annual Status Report 2018-2019

Devil's Gate Reservoir Restoration Project

Prepared for:

Mr. Tae Uk (Mark) Gim
Los Angeles County Public Works
Stormwater Engineering Division
900 South Fremont Avenue
Alhambra, California 91803

Submitted to:

Dr. David Lin
California Department of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, California 90720

Prepared by:

ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, California 92705

July 17, 2020



CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	PROJECT STATUS	1
2.1	Project Area	1
2.2	Project Activities	4
2.3	Habitat Restoration Activities.....	5
3.0	LEAST BELL'S VIREO SURVEYS	6
3.1	Preconstruction Surveys.....	6
3.2	Breeding Season Surveys.....	7
4.0	SATISFACTION OF ITP CONDITIONS	7
5.0	MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)	7
5.1	MMRP Implementation Status.....	7
5.2	MMRP Effectiveness Evaluation.....	15
5.3	Project-Related Incidental Take of the Covered Species	17
5.4	Project Impacts on the Covered Species	17

LIST OF TABLES

Table 1.	Summary of Initial Sediment Removal Area Activities	3
Table 2.	Summary of Phase 1 Mitigation Areas	4
Table 3.	Devil's Gate Mitigation Monitoring and Reporting Program	8

LIST OF FIGURES

Figure 1.	Devil's Gate Project Footprint and Mitigation Areas.....	2
-----------	--	---

LIST OF APPENDICES

Appendix A – Quarterly Compliance Reports (Quarter 4 2018 through Quarter 4 2019)
Appendix B – Phase 1 Mitigation Site As-Built Report

1.0 INTRODUCTION

1.1 Purpose

This Annual Status Report (ASR) was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the City of Pasadena in Los Angeles County, California during the first year of Project Activities (November 2018 through December 2019). This ASR satisfies Condition 6.8 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Project from the California Department of Fish and Wildlife (CDFW), dated July 16, 2018.

Condition 6.8 in the ITP states:

"Permittee shall provide CDFW with an Annual Status Report (ASR) initiating no later than July 31, 2018, and continuing every 12 months with issuance of this ITP and continuing for Term of this ITP, unless an altered frequency is approved before hand in writing by CDFW (e.g., email, letter, or fax). Each ASR shall include, at a minimum: (1) a summary of all Quarterly Compliance Reports for that year identified in Condition of Approval 6.7; (2) a general description of the status of the Project Area and Covered Activities, including actual or projected completion dates, if known; (3) a copy of the table in the MMRP with notes showing the current implementation status of each mitigation measure; (4) an assessment of the effectiveness of each completed or partially completed mitigation measure in avoiding, minimizing and mitigating Project impacts; (5) all available information about Project-related incidental take of the Covered Species; (6) an accounting of the number of acres subject to both interim and permanent disturbance, both for the prior calendar year, and a total since ITP issuance; and (7) information about other Project impacts on the Covered Species."

This is the first ASR submitted in accordance with ITP Condition number 6.8. This report covers activities that were conducted at the Project site between Project Initiation (November 28, 2018) and December 31, 2019. All Quarterly Compliance Reports prepared to cover the first ASR reporting period per Condition 6.7 of the ITP are included in Appendix A.

2.0 PROJECT STATUS

2.1 Project Area

Covered activities that occurred during the first ASR reporting period were related to initial sediment removal area activities, including Project access and staging, initial vegetation removal, grubbing and grading, and sediment removal within the boundaries of the Initial Sediment Removal Area (ISRA). Table 1 provides a summary of the acreage for the entire Project that were subject to both temporary and permanent disturbance during the first ASR reporting period. These areas are depicted in Figure 1.

Additional temporary impacts inadvertently occurred outside of the permitted boundary during initial vegetation removal. Details of the vegetation removal incident are included in a memo appended to the Fourth Quarter Compliance Report for 2018 (Appendix A). The changes are a result of clearing that occurred outside of the permitted Project boundary and are also in response to a legal settlement that has yet to be finalized. The results of the legal settlement will likely be additional changes to the Project boundary, which will be addressed in future ASRs.

Table 1. Summary of Initial Sediment Removal Area Activities	
Initial Sediment Removal Area	Acres Impacted
Permanent Impacts: Permitted Boundary	49.38
Total Permanent Impacts	49.38
Temporary Impacts: Permitted Boundary	0.43
Temporary Impacts: Outside of Permitted Boundary and Within Clearing and Grubbing Limits	1.18
Temporary Impacts: Outside of Permitted Boundary and Outside of Clearing and Grubbing Limits	0.13
Total Temporary Impacts	1.73*

*Total sum of temporary impacts based on GIS calculations is reflected in table – hundredths place decimal is off due to rounding.

The vegetation clearing that occurred outside of the perimeter of the permitted Project boundary also resulted in temporary impacts to the Habitat Management (HM) lands within the ITP boundary. Approximately 0.68 acre of vegetation in a thin strip around the perimeter of the ISRA and within the edge of the HM lands of the ITP was cleared. These temporary impact areas will be restored to riparian habitat (*Salix gooddingii* Woodland Alliance/*Baccharis salicifolia* Shrubland Alliance) after the construction of the side slopes of the Permanent Maintenance Area. Los Angeles County Public Works (LACPW) is currently in the process of preparing an ITP amendment to address these temporary impacts.

Covered activities that occurred during the first ASR reporting period also included onsite habitat restoration activities within the onsite mitigation areas. Table 2 provides a summary of the Phase 1 mitigation areas, associated acreages, and associated vegetation communities of onsite restoration activities that were implemented during this reporting period. These areas are also depicted in Figure 1. The Phase 1 Mitigation Site As-Built Report is included as Appendix B.

Table 2. Summary of Phase 1 Mitigation Areas

Restoration Area	Area Restored During Phase 1 (Acres)	Temporary Impacts Around Perimeter (Acres) ¹	Total Acres	Vegetation Communities
DG-1 (seeding only)	4.48	0.27	4.75	<i>Eriogonum fasciculatum</i> Shrubland Alliance <i>Lepidospartum squamatum</i> Shrubland Alliance
DG-1 WOUS (seeding only)	0.11	0.00	0.11	<i>Lepidospartum squamatum</i> Shrubland Alliance/ <i>Baccharis salicifolia</i> Shrubland Alliance
DG-2A	0.10	0.00	0.10	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-2B	0.38	0.00	0.38	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-3A	0.92	0.23 ²	1.15	<i>Quercus agrifolia</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-4	26.64	0.37	27.01	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance <i>Artemisia californica</i> - <i>Eriogonum fasciculatum</i> Shrubland Alliance
DG-4B	0.54	0.00	0.54	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-4C	0.45	0.00	0.45	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-5	0.26	0.00	0.26	<i>Salix gooddingii</i> Woodland Alliance
Total Acres			34.75	

¹ These areas will be restored following the completion of the side slopes configuration

² This includes 0.03 acres of temporary impact areas around the perimeter and 0.20 acres of staging areas that will be restored following Project completion.

2.2 Project Activities

The following Project activities were conducted onsite during the first ASR reporting period:

- Project activities began on November 28, 2018, and continued through December 31, 2019.
- Initial vegetation removal began on November 28, 2018, along the perimeter of the ISRA boundary. Initial vegetation removal continued within the Permanent Maintenance Area through

January 30, 2019. Vegetation clearing and grubbing activities utilized heavy construction equipment such as excavators, front loaders, graders, and horizontal grinders.

- Environmentally Sensitive Area fencing was installed along the ISRA boundary.
- Access roads to enter the reservoir at the eastern end and exit the reservoir at the western end were constructed. Access road preparation activities included vegetation clearing and grubbing using an excavator, grading and filling of existing roads, retaining wall construction, compacting soils, pouring concrete, paving, and construction of storm drain structures. Low-flow channels on the southeastern and southwestern ends of the Project site were installed at the bases of the access roads.
- Site preparation activities including the installation of truck scales and a scale house, and the preparation of a staging area for water tanks and heavy equipment were conducted.
- Sediment removal hauling activities began on May 21, 2019. Sediment removal and hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.
- Sediment removal hauling was suspended from September 6 to September 30, 2019, in order to facilitate the implementation of additional dust control measures.
- A second tire wash was installed at the terminus of the western access road, where the route exits onto Oak Grove Drive.
- Small areas of emergent vegetation were cleared using front loaders, skippers, 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 ISRA boundaries and monitored by the Designated Biologist onsite.
- Project activities (including sediment removal hauling activities) continued 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.

2.3 Habitat Restoration Activities

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

- Onsite habitat restoration activities began on November 19, 2018, and continued through December 31, 2019.
- Implementation of habitat mitigation was conducted according to the Final Habitat Restoration Plan (HRP) for the Project (dated November 2018), which addresses the impact areas associated with the Project and the onsite compensatory mitigation areas at the Project site. The Phase 1 Mitigation Site As-Built Report is included as Appendix B.

- Implementation of habitat restoration for Phase 1 was conducted in mitigation areas DG-1, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5. A total of six vegetation communities were included in the Phase 1 habitat restoration effort including Mulefat Thickets (*Baccharis salicifolia* Shrubland Alliance), Black Willow Thickets (*Salix gooddingii* Woodland Alliance), Coast Live Oak Woodland (*Quercus agrifolia* Woodland Alliance), California Buckwheat Scrub (*Eriogonum fasciculatum* Shrubland Alliance), Scale Broom Scrub (*Lepidospartum squamatum* Shrubland Alliance), and California Sagebrush – California Buckwheat Scrub (*Artemisia californica*-*Eriogonum fasciculatum* Shrubland Alliance).
- Initial weed abatement activities commenced on November 19, 2018, and were completed on February 20, 2019. Follow-up weed abatement efforts commenced immediately following the completion of the initial weed abatement effort and were ongoing for the Phase 1 mitigation areas through the Year 1 ASR reporting period. Pre-planting nonnative and invasive plant removal was conducted using a combination of hand-pulling, weed whips, and hula hoes. Species targeted during nonnative and invasive plant removal included wild oat (*Avena fatua*), black mustard (*Brassica nigra*) red brome (*Bromus madritensis ssp. rubens*), poison hemlock (*Conium maculatum*), red-stemmed filaree (*Erodium cicutarium*), foxtail barely (*Hordeum murinum*), perennial pepperweed (*Lepidium latifolium*), and horehound (*Marrubium vulgare*).
- Herbicide application was employed for a brief period from February 22 to March 18, 2019; however, herbicide application was suspended due to public concerns and restrictions put in place by LACPW. The Los Angeles County Board of Supervisors placed a moratorium on the use of glyphosate at all County facilities until further notice and the moratorium was still in place at the time of this ASR preparation. During the brief period of herbicide application, only herbicide registered for aquatic use and approved for use in wetland habitat restoration by the regulatory agencies (i.e. Roundup Custom™) was used.
- Upon completion of the initial weed abatement effort, the seeding process, which consisted of broadcast seeding, commenced on April 4, 2019. Broadcast seeding was completed by hand or by using hand-crank spreaders. A summary of the species and amounts of seed applied during Phase 1 is provide in Appendix B. In addition to the seed mixes, a total of 300 coast live oak (*Quercus agrifolia*) acorns were installed in mitigation area DG-3A.
- The container plant installation process commenced on August 8, 2019, after completion of the initial weed abatement effort. A summary of the species and numbers of container plants installed during Phase 1 is provided in Appendix B.

3.0 LEAST BELL'S VIREO SURVEYS

3.1 Preconstruction Surveys

Per Condition 7.3.2 of the ITP, preconstruction surveys for least Bell's vireo started 30 days prior to the initiation of ground-disturbing activities inside the reservoir (Phase 2 Project activities), which occurred on April 15, 2019. Surveys were conducted by Designated Biologists approved by CDFW and the U.S. Fish and

Wildlife Service (USFWS). Surveys continued weekly, with three surveys occurring during the week prior to the initiation of activities with the final survey occurring 24 hours before initiation of activities. No least Bell's vireos were observed or detected during the preconstruction surveys. The preconstruction least Bell's vireo survey report was included as an Appendix to the Second Quarter Compliance Report for 2019 included in Appendix A.

3.2 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, breeding season surveys for least Bell's vireo commenced after the completion of the preconstruction surveys and continued twice weekly through the end of the breeding season during the first ASR reporting period. Surveys were conducted by Designated Biologists approved by CDFW and USFWS. No least Bell's vireos were observed or detected during the breeding season surveys. Monthly least Bell's vireo breeding season survey reports were included as appendices to both the Second and Third Quarter Compliance Reports for 2019, included in Appendix A.

4.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during the first ASR reporting period. The vegetation clearing that occurred outside of the perimeter of the permitted Project boundary was documented as a non-compliance on December 10, 2018. Details on this non-compliance are included in a memo appended to the Fourth Quarter Compliance Report for 2018 included in Appendix A. No other non-compliances occurred during the first ASR reporting period. No direct or indirect take of listed species or Covered Species occurred during this reporting period.

5.0 MITIGATION MONITORING AND REPORTING PROGRAM (MMRP)

5.1 MMRP Implementation Status

Per Condition 6.8 of the ITP, Table 3 presents the Mitigation Monitoring and Reporting Program (MMRP) table that was prepared for the Recirculated Portions of the Final Environmental Impact Report with notes showing the current implementation status of each mitigation measure.

Table 3. Devil’s Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil’s Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
BIOLOGICAL RESOURCES							
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm’s way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm’s way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/2018 – 12/31/2019	A qualified biologist was present during all initial vegetation-disturbing project-related activities during the first ASR reporting period. See Quarterly Compliance Reports presented in Appendix A which provide tables of qualified biologists present on each day during the reporting period. This measure was completed during the first ASR reporting period and will be repeated as required for the duration of the Project.
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		11/28/2018 - 12/31/2019	An initial training was conducted on the first day of construction (Nov 28, 2018). Additional trainings were provided by the monitoring biologist on an as-needed basis to new project personnel afterwards during the first ASR reporting period. This measure was completed during the first ASR reporting period and will be repeated annually for the duration of the Project.
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		11/01/2018 - 11/27/2018, 3/15/2019 - 4/14/2019	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. Reports were transmitted directly to CDFW. Preconstruction breeding season surveys for least Bell’s vireo were conducted

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
							30 days prior to the initiation of ground disturbing activities within the Reservoir during the breeding season. The preconstruction breeding season least Bell's vireo survey report was provided as an attachment to the Second Quarter Compliance Report for 2019 included in Appendix A. This measure was completed during the first ASR reporting period and will be repeated as required for the duration of the Project.
<p>MM BIO – 4: LACFCD, in consultation with a qualified biologist, will employ bird exclusionary measures (e.g., mylar flagging) prior to the start of bird breeding season to prevent birds nesting within established boundaries of the project.</p> <p>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.</p> <p>If an active nest is found, the qualified biologist will develop and implement appropriate protection measures for that nest. These protection measures shall include, as appropriate, construction of exclusionary devices (e.g., netting) or avoidance buffers. The biologist shall have the discretion to adjust the buffer area as appropriate based on the proposed construction activity, the bird species involved, and the status of the nest and nesting activity; but shall be no less than 30 feet. Work in the buffer area can resume once the nest is determined to be inactive by the monitoring biologist.</p>	Final Plans and Specifications; Pre- Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		3/15/2019 - 4/14/2019	No bird exclusionary measures were implemented during the first ASR reporting period. 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. Monitoring of active bird nests continued through the end of the nesting bird season during the third quarter of 2019. This measure was completed during the first ASR reporting period and will be

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
							repeated as required for the duration of the Project.
<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>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. The Preconstruction bat survey report was transmitted directly to CDFW. No surveys related to this measure were required during 2019. During September 2019, large eucalyptus trees with potential for foliage-roosting habitat were felled during restoration activities under the direct supervision of the Designated Bat Biologist using the two-step method outlined in this measure. This measure was completed during the first ASR reporting period and will be repeated as required for the duration of the Project.
<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	Reservoir Management <ul style="list-style-type: none">• Prepare Habitat Restoration Plan• Identify/Map Mitigation Sites• Install Plant Materials• Monitor Installation• Install Irrigation, if Necessary• Prepare As-Built Report• Conduct Maintenance	Reservoir Management <ul style="list-style-type: none">• Identify Reference Sites• Conduct Qualitative and Quantitative Monitoring• Conduct Maintenance• Implement Adaptive Management Measures, if Necessary• Prepare Monitoring Reports• Prepare Annual Reports	Los Angeles County Flood Control District	Less than significant		11/19/2018 – 12/31/2019	Restoration activities of Riversidean Alluvial Fan Sage Scrub habitat were initiated in November 2018 and were ongoing during the first ASR reporting period. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and an As-Built Report was prepared

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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).</p> <ul style="list-style-type: none">• Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:<ul style="list-style-type: none">○ Site-specific container plant (if applicable) and seed palettes,○ Irrigation plan,○ Nonnative and invasive plant species removal,○ Maintenance and monitoring schedule,○ Qualitative and quantitative monitoring methodologies,○ Selection criteria of reference sites,○ Performance standards of the mitigation sites,○ Monitoring reports and annual reports schedule,○ Mitigation long-term management plan, and○ Funding description for implementation and long-term management.• Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved.• Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved.• Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:<ul style="list-style-type: none">○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,○ Add soil amendments if problem soils may be inhibiting plant growth,○ Replant if plant survival is low or to increase plant species cover or diversity,○ Install different plant species for plant species that are not surviving, and○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites.• Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved.• Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites.	<ul style="list-style-type: none">• Prepare Monitoring Reports	<ul style="list-style-type: none">• Achieve Mitigation Site Sign- Off					for Phase 1 restoration areas. The implementation of this measure was partially completed during the first ASR reporting period and is ongoing.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management <ul style="list-style-type: none">Conduct Tree SurveyIdentify and Protect Oak Tree Root ZonesIdentify/Map Mitigation SitesPrepare Habitat Restoration PlanInstall Plant MaterialsMonitor InstallationInstall Irrigation, if NecessaryPrepare As-Built ReportConduct MaintenancePrepare Monitoring Reports	Pre-Sediment Removal; Sediment Removal; Reservoir Management <ul style="list-style-type: none">Identify Reference SitesConduct Qualitative and Quantitative MonitoringConduct MaintenanceImplement Adaptive Management Measures, if NecessaryPrepare Monitoring ReportsPrepare Annual ReportsAchieve 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. Oak tree root protection zones were identified and delineated prior to the start of Project activities. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and an As-Built Report was prepared for Phase 1 restoration areas. The implementation of this measure was partially completed during the first ASR reporting period and is ongoing.
MM BIO – 8: A combination of onsite and offsite habitat restoration, enhancement, and exotic plant removal shall be implemented by LACFCD at a 1:1 ratio for impacted riparian habitat, sensitive natural communities, and jurisdictional waters. Habitat restoration/enhancement shall include use of willow cuttings and exotic plant species removal. Non-native, weedy habitats within the basin shall be utilized whenever possible as mitigation sites. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of riparian habitat, sensitive natural communities, and jurisdictional waters. Measures to achieve not less than a 1:1 replacement, or no net loss, of riparian habitat, sensitive natural communities, and jurisdictional waters shall include but not be limited to the following: <ul style="list-style-type: none">Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreages of riparian habitat (Riparian Woodland and Mule Fat Thickets), sensitive natural communities (Coastal Sage Scrub), and jurisdictional waters (federally protected wetlands).Identify and map the selected mitigation areas where riparian habitat, sensitive natural communities, and federally protected wetlands will be enhanced or restored. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed.Select offsite reference sites where riparian habitats (Riparian Woodland and Mule Fat Thickets) and sensitive natural communities (coastal sage scrub) are the established plant communities and where federally protected wetlands are present. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, native plant species richness (number of different	Reservoir Management <ul style="list-style-type: none">Prepare Habitat Restoration PlanIdentify/Map Mitigation SitesInstall Plant MaterialsMonitor InstallationInstall Irrigation, if NecessaryPrepare As-Built ReportConduct MaintenancePrepare Monitoring Reports	Reservoir Management <ul style="list-style-type: none">Identify Reference SitesConduct Qualitative and Quantitative MonitoringConduct MaintenanceImplement Adaptive Management Measures, if NecessaryPrepare Monitoring ReportsPrepare Annual ReportsAchieve Mitigation Site Sign- Off	Los Angeles County Flood Control District	Less than significant		11/19/2018 – 12/31/2019	Restoration activities of riparian habitats, sensitive natural communities, and jurisdictional waters were initiated in November 2018 and were ongoing during the first ASR reporting period. The Habitat Restoration Plan was prepared, mitigation sites were identified and mapped, plant materials and irrigation were installed, and an As-Built Report was prepared for Phase 1 restoration areas. The implementation of this measure was partially completed during the first ASR reporting period and is ongoing.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>plant species), structural patch richness, and wildlife use.</p> <ul style="list-style-type: none">○ Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following:<ul style="list-style-type: none">• Site-specific container plant and seed palettes,• Irrigation plan,• Nonnative and invasive plant species removal,• Maintenance and monitoring schedule,• Qualitative and quantitative monitoring methodologies,• Selection criteria of reference sites,• Performance standards of the mitigation sites,• Monitoring reports and annual reports schedule,• Mitigation long-term management plan, and• Funding description for implementation and long-term management.• Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites to show that the sites contain not less than a 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved.• Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of riparian habitats, sensitive natural communities, and federally protected wetlands has been achieved.<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							

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards.							

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

5.2 MMRP Effectiveness Evaluation

Per Condition 6.8 of the ITP, the effectiveness of each completed or partially completed mitigation measure in the MMRP in avoiding, minimizing, and mitigating Project impacts is assessed below. The precise wording of each measure is provided in Table 3 above.

MM BIO-1: Qualified Biological Monitor

A qualified biological monitor (Designated Biologists approved by CDFW) was present during all initial ground-disturbing and vegetation-disturbing activities that occurred during the first ASR reporting period. This measure ensured that Designated Biologists were present to implement protection measures for sensitive biological resources and monitor for additional species in harm's way. This measure was effective as written during the first ASR reporting period and ensured that impacts to biological resources were avoided and minimized, wildlife encountered during Project activities were relocated out of harm's way, and sensitive biological resources were protected during Project activities.

MM BIO-2: Worker Education Program

A worker education program was prepared and delivered to all personnel that worked on the Project site during the first ASR reporting period. The worker education program included a PowerPoint presentation as well as educational handouts provided to each worker. This measure ensured that all personnel who worked on the Project during the first ASR reporting period were aware of the sensitive biological resources on the Project site, the measures required to protect those resources, and actions to take if those resources were encountered. The implementation of this measure provided for improved communication between Project personnel and the Designated Biologists to successfully protect biological resources during Project activities. This measure was effective as written during the first ASR reporting period.

MM BIO-3: Preconstruction Sensitive Wildlife Survey

Preconstruction surveys for sensitive wildlife species, (including sensitive herpetofauna and least Bell's vireo), were conducted in accordance with the measure during the first ASR reporting period. No sensitive wildlife species were observed during these surveys. The implementation of this measure ensured that sensitive wildlife species were not present at the Project site prior to the start of Project activities, and as such, impacts to these species were avoided. This measure was effective as written during the first ASR reporting period.

MM BIO-4: Preconstruction Nesting Bird Survey

In consultation with the Designated Biologist, LACPW opted not to install bird exclusionary measures prior to the start of the breeding bird season during the first ASR reporting period as it was determined that the measures would not be a feasible means of preventing bird nesting around the Project boundary. Preconstruction nesting bird surveys were conducted in accordance with the measure during the first ASR reporting period. Numerous active bird nests were identified during preconstruction nesting bird surveys as well as during biological monitoring duties. Appropriate avoidance buffers were established by the

Designated Biologist to ensure that impacts to active bird nests were avoided. This measure was effective as written during the first ASR reporting period.

MM BIO-5: Preconstruction Bat Survey

Preconstruction bat surveys were conducted prior to the initiation of Project activities at the Project site. No maternity roosts or hibernacula were identified during the surveys. No structures were removed during Project activities. Several large trees were determined to have the potential for foliage-roosting bat habitat and were removed outside of the maternity season under the direction of the Designated Biologist using the two-step method described in the measure. No bats were observed during tree removal. This measure ensured that impacts to roosting bats were avoided and minimized during Project activities. This measure was effective as written during the first ASR reporting period.

MM BIO-6: Restoration of Riversidean Alluvial Fan Sage Scrub Habitat

Restoration activities of Riversidean Alluvial Fan Sage Scrub habitat were initiated and ongoing during the first ASR reporting period. The Habitat Restoration Plan was prepared and implemented. Phase 1 habitat restoration areas were installed and the As-Built Report was prepared (Attachment B). Restoration of these habitats is proceeding according to the Habitat Restoration Plan except for nonnative plant removal. The Los Angeles County Board of Supervisors placed a moratorium on the use of glyphosate at all County facilities until further notice and the moratorium is still in place. Due to this moratorium, all nonnative and invasive plant removal beginning on March 19, 2019 was conducted by hand, which has considerably slowed down the onsite restoration process. Decisions should be made soon concerning if and when herbicide use may be resumed. Restoration activities within the onsite mitigation areas helped to restore native vegetative cover and wildlife habitat near Project impacts. Overall, this measure was effective as written during the first ASR reporting period.

MM BIO-7: City-Protected Tree Surveys

Preconstruction City-protected tree surveys were conducted prior to the initiation of Project activities at the Project site. The requirement to replace impacted and removed canopy for native tree species at a 1:1 ratio was an effective way to mitigate for Project impacts to native tree species. Planting these trees within the onsite mitigation areas helped to restore native vegetative cover and wildlife habitat near Project impacts. Because the Fremont's cottonwood and coast live oak container plants used during restoration efforts were much smaller than the trees removed during Project activities, significantly more trees were planted than were removed. In addition, the planting areas for the native trees were larger than the acreage of the removed and impacted canopies. This measure was effective as written during the first ASR reporting period.

MM BIO-8: Restoration and/or Enhancement of Riparian Habitats, Sensitive Natural Communities, and Jurisdictional Waters

Restoration activities of riparian habitats, sensitive natural communities, and jurisdictional waters were initiated and ongoing during the first ASR reporting period. The HRP was prepared and is being implemented. Phase 1 habitat restoration areas were installed and the As-Built Report was prepared.

Restoration of these habitats is proceeding according to the HRP except for nonnative plant removal. The Los Angeles County Board of Supervisors placed a moratorium on use of glyphosate at all County facilities until further notice and the moratorium is still in place. Due to this moratorium, all nonnative and invasive plant removal beginning on March 19, 2019 was conducted by hand, which has considerably slowed down the onsite restoration process. Decisions should be made soon concerning when herbicide use may be resumed. Restoration activities within the onsite mitigation areas helps to restore native vegetative cover and wildlife habitat near Project impacts. Overall, this measure was effective as written during the first ASR reporting period.

5.3 Project-Related Incidental Take of the Covered Species

Least bell's vireos were not observed at the Project site in 2019. As such, no Project-related incidental take of the Covered Species occurred during the first ASR reporting period.

5.4 Project Impacts on the Covered Species

No direct or indirect impacts on least Bell's vireo occurred during the first ASR reporting period. However, beneficial impacts to the least Bell's vireo habitat occurred as a result of the implementation of the Habitat Restoration Plan and completion of Phase 1 of the habitat restoration. The growth of native riparian plant species and removal of nonnative plant species improved the habitat quality of the mitigation areas and supports the nesting activities of least Bell's vireos.

LIST OF APPENDICES

Appendix A – Quarterly Compliance Reports (Quarter 4 2018 through Quarter 4 2019)

Appendix B – Phase 1 Mitigation Site As-Built Report

Quarterly Compliance Reports (Quarter 4 2018 through Quarter 4 2019)

Devil's Gate Reservoir Restoration Project Fourth Quarter Compliance Report Activities Occurring Between October 2018 and December 2018

Submitted to:

Mr. Steve Gibson
Dept. of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Prepared for:

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803

Prepared by:

ECORP Consulting, Inc.
215 North 5th Street
Redlands, CA 92374

CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	COVERED ACTIVITIES	1
2.1	Project Activities	2
2.2	Habitat Restoration Activities.....	3
3.0	SATISFACTION OF ITP CONDITIONS	3
4.0	MITIGATION MONITORING AND REPORTING PROGRAM.....	3

LIST OF TABLES

Table 1. Monitors Onsite During Work Days.....	1
Table 2 Devil's Gate Mitigation Monitoring and Reporting Program.....	4

LIST OF APPENDICES

Appendix A: Construction Monitoring Logs

Appendix B: Habitat Restoration Monitoring Logs

Appendix C: Memorandum: Impact Acreage Discrepancy Discovered During Clearing for the
Devil's Gate Reservoir Restoration Project

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 2018 (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 first report (Quarterly Compliance Report Number 1) 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, 2018.

2.0 COVERED ACTIVITIES

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." Table 1 shows Project working dates and the biological monitors that were present on each date.

Table 1. Monitors Onsite During Work Days.		
Date	Construction Monitors	Restoration Monitors ⁺
11/19/18 ^y	—	CL
11/20/18	—	CL
11/21/18	—	CL
11/22/18	—	No Work – Holiday
11/23/18	—	No Work – Holiday
11/26/18	—	CL
11/27/18	—	CL, LS*
11/28/18 ^β	LS*, AS	CL, AS
11/29/18	No Work – Weather	No Work – Weather
11/30/18	LS*, AS, CT*	TR
12/03/18	SS*, LS*, CE, TR	CL
12/04/18	CE, LS*, TR, TC, SS*	CL
12/05/18	No Work – Weather	No Work – Weather
12/06/18	No Work – Weather	No Work – Weather
12/07/18	No Work – Weather	CL
12/10/18	LS*, AS, GH, CE	KWB

Table 1. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors ⁺
12/11/18	GH, TR, LS*, AD*	KWB
12/12/18	TR, TD*, GH, AD*	KWB
12/13/18	GH, LS*, AS, TR	KWB
12/14/18	GH, TR, AS, CE	KWB
12/17/18	AS, JA, LS*, WT	TR
12/18/18	AS, BZ, WT	LS*
12/19/18	JA, LS*, WT, AS	TR
12/20/18	AS, BZ, CE	TR
12/21/18	BZ, LS*, TR	No Work – Misc.
12/24/18	No Work – Holiday	No Work – Holiday
12/25/18	No Work – Holiday	No Work – Holiday
12/26/18	AA, KWB, TR, BL*	SW
12/27/18	AA, CE, KWB	TD*
12/28/18	CE, LS*, TD*	KWB
12/31/18	CT*, LS*	No Work – Holiday

^Y = Start of Project Habitat Restoration Activities

^B = Start of Project Initial Vegetation Removal Activities

* = LBVI approved biologist

AA = Alfredo Aguirre, AD = Adam DeLuna, AS = Adam Schroeder, BL = Brian Leatherman, BZ = Brian Zitt, CE = Camilla Estes, CL = Carley Lancaster, CT = Christine Tischer, GH = Greg Hampton, JA = Jerry Aguirre, KWB = Krissy Walker-Berry, LS = Lauren Simpson, SS = Shannan Shaffer, SW = Steven Wintergerst, TC = Todd Chapman, TD = Taylor Dee, TR = Torrey Rotellini, WT = Wendy Turner

⁺Restoration monitoring personnel were not required to be Designated Biologists as described in the ITP.

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

2.1 Project Activities

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

- Project activities began on November 28, 2018, and continued through December 31, 2018.
- Vegetation along the perimeter of the Project site was cleared and grubbed using heavy construction equipment including excavators and front loaders. Each equipment operator was assigned a designated biologist who monitored vegetation removal activities and moved wildlife out of harm's way when necessary.
- Environmentally Sensitive Area fencing was installed around the perimeter of the Project site.
- Vegetation clearing and grubbing began within the reservoir using heavy construction equipment, including excavators and front loaders. Each equipment operator was assigned a designated biologist who monitored vegetation removal activities and moved wildlife out of harm's way when necessary.
- Cleared vegetation was stockpiled within the reservoir and chipping of stockpiled vegetation using a horizontal grinder began.
- The Project construction trailers and staging areas were established.

- Preparation to build access roads into and out of the Project site began. Access road preparation activities included vegetation clearing and grubbing using an excavator, grading and filling of existing roads, retaining wall construction, and construction of storm drain structures.

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

2.2 Habitat Restoration Activities

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

- Restoration activities began on November 19, 2018, and continued through December 30, 2018.
- Removal of large non-native trees (*Eucalyptus* sp.) from the DG-3A and DG-4 onsite restoration areas using a stump-grinding machine. Once felled, chainsaws were used to breakdown and stockpile trees. Eucalyptus tree stockpiles were then chipped and removed from the site.
- Low-growing non-native plants (primarily perennial pepperweed [*Lepidium latifolium*], wild radish [*Raphanus sativus*], black mustard [*Brassica nigra*], poison hemlock [*Conium maculatum*], and sweet fennel [*Foeniculum vulgare*]) were removed from the DG-4 and DG-4A onsite restoration areas by hand pulling and using small hand tools and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.

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

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. One non-compliance was documented on December 10, 2018. Details on this non-compliance are included in the memo in Appendix C. No direct 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, 2019 to March 31, 2019.

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 was present during initial vegetation-disturbing project-related activities. In addition, up to five biologists were present daily during all vegetation removal activities that occurred in 2018. 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. Additional trainings were provided on an as-needed basis to new project personnel afterwards.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm’s way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm’s way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18	Preconstruction surveys for sensitive species were conducted by qualified biologists on November 1, 2, 6, 7, 8, 12, and 26, 2018. No sensitive species were observed within 500 feet of the Project site. Least Bell’s vireo preconstruction surveys were conducted on November 20, 21, 26, and 27, 2018. No least Bell’s vireo were detected.
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		N/A	This report covers a period prior to the start of nesting bird season. As such, these measures have not yet been implemented.
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:	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted by qualified bat biologists on November 6, 7, and 8, 2018 and no protected bat species were observed within 300 feet of the Project site. A preconstruction bat survey report was submitted to LACDPW in

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"> 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>							November 2018. All trees identified as having the potential for bat use were removed using the removal method specified in MM BIO-5 under the supervision of a CDFW designated bat biologist.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities began on November 19, 2018, and continued through December 31, 2018.

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">Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:<ul style="list-style-type: none">Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,Add soil amendments if problem soils may be inhibiting plant growth,Replant if plant survival is low or to increase plant species cover or diversity,Install different plant species for plant species that are not surviving, andClose 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.							
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management <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	Pre-Sediment Removal; Sediment Removal; Reservoir Management <ul style="list-style-type: none">• Identify Reference Sites• Conduct Qualitative and Quantitative Monitoring• Conduct Maintenance• Implement Adaptive Management Measures, if Necessary• Prepare Monitoring Reports• Prepare Annual Reports• Achieve Mitigation Site Sign-Off	Los Angeles County Flood Control District	Less than significant		10-02/2018 – 10/05/2018	Preconstruction tree surveys were conducted by qualified biologists. Three native City-protected tree species were inventoried within the initial sediment removal area, the access road impact area, and the 50-foot buffer. The species inventoried included California sycamore (<i>Platanus racemose</i>), Fremont's cottonwood (<i>Populus fremontii</i>), and coast live oak (<i>Quercus agrifolia</i>). A City-protected tree survey report was submitted to LACDPW in October 2018.
<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 communities, and federally protected wetlands has been achieved.Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:<ul style="list-style-type: none">Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,Add soil amendments if problem soils may be inhibiting plant growth,Replant if plant survival is low or to increase plant species cover or diversity,Install different plant species for plant species that are not surviving, andClose trails or install barriers if human-caused impacts are damaging the mitigation sites.	Reservoir Management <ul style="list-style-type: none">• Prepare Habitat Restoration Plan• Identify/Map Mitigation Sites• Install Plant Materials• Monitor Installation• Install Irrigation, if Necessary• Prepare As-Built Report• Conduct Maintenance• Prepare Monitoring Reports	Reservoir Management <ul style="list-style-type: none">• Identify Reference Sites• Conduct Qualitative and Quantitative Monitoring• Conduct Maintenance• Implement Adaptive Management Measures, if Necessary• Prepare Monitoring Reports• Prepare Annual Reports• Achieve Mitigation Site Sign- Off	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities began on November 19, 2018, and continued through December 30, 2018.

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">Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved.Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites.Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards.							

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/28/2018 4:35 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 28, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Carley Lancaste , Torrey Rotellini

Start Time

07:00

Start Temperature

49

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

15:55

End Temperature

69

End Cloud Cover

90

End Wind Speed

1-3

Construction Activity and Personnel

Grubber, 2 bulldozers, 3 backhoes, 1 excavatorGriffith crew & JV crew, about 25 crew members

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

N/A

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, ACWO, RTHA, CASJ, RCKIWestern fence lizard, western toad, alligator lizard, wood rat, ALHU, cotton tail, side blotch lizard

Topics to Cover on the Next Monitoring Day

Access road veg removal outside reservoir

Log Entry #1

0700, arrived on site. Conducted workers education.Discussed work plan with contractor and county

Log Entry #1 - Photos taken?

No

Log Entry #2

0900, inspected felled trees from restoration crew for bats. No bats found. Examined boundaries of work area, continued discussing plan of action for protected trees and boundaries

Log Entry #2 - Were Photos taken?

No

Log Entry #3

1015, initiation of vegetation clearing. Spoke with operators about plan of action for stopping work if animals in imminent danger. Monitored excavator removing veg along project eastern boundary 11:30 lunch.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #3 Photo C



Log Entry #4

1200 crew continued veg removal along eastern boundary. Animals relocated: western toad, alligator lizard, western fence lizard. No bio issues observed. Oak tree number 4 removed, oak tree 3 avoided. Lauren has more photos

Log Entry #4 - Were Photos taken?

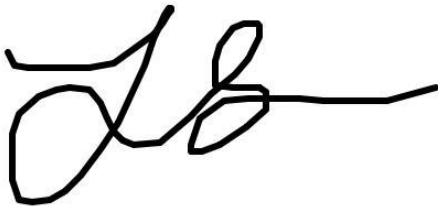
Yes

Log Entry #5

1530 crew finished for day. Stopped work at northern boundary. Work area swept no bio issues observed.

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be 'LB' followed by a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/28/2018 6:51 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 28, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Carley Lancaster, Torrey Rotellini, Lauren Simpson

Start Time

09:30

Start Temperature

63

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

15:40

End Temperature

66

End Cloud Cover

95

End Wind Speed

1-3

Construction Activity and Personnel

J.V. Land Clearing vegetation removal1. Two bulldozers, 1 water truck2. Two operators, 1 water truck driver, 4 Laborers

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, ANHU, MODO, BLPH, RTHA, WSCJ, NOMO, RCKL, YRWA, Western fence lizard, southern alligator lizard, western toad, desert woodrat, California kingsnake, Pacific gopher snake, orange throated whiptail, side blotched lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0930, Met with Griffith Company and JV Land Clearing to discuss plan for vegetation clearing.

Log Entry #1 - Photos taken?

No

Log Entry #2

1120, Monitoring J.V. Land Clearing Crew clearing vegetation. Rescued and relocated 1 western fence lizard, 1 alligator lizard, 2 western toads, 1 CA kingsnake, 1 Orange throated whiptail, and found 1 dead desert woodrat. One injured Pacific gopher snake was found and relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read 'Bryon Adair', is written below the 'Signature' label. The signature is stylized and cursive.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/30/2018 1:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 30, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Christine Tischer, Adam Schroeder

Start Time

06:45

Start Temperature

48

Start Cloud Cover

40

Start Wind Speed

0-3

End Time

13:45

End Temperature

64

End Cloud Cover

40

End Wind Speed

1-5

Construction Activity and Personnel

JV and Griffith Crew, one excavator, 4 personnel

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CALT, AMCR, BLPH, CASJ, YRWA, MODO, NUWO, EUST, striped racer, coastal whiptail, alligator lizard, western fence lizard, AMKE, ACWO, NOFL, CAKI, woodrat

Topics to Cover on the Next Monitoring Day

Requirement for Carley to be present for Oak trimming. Staking of protected zone for oak trees.

Log Entry #1

0650 arrived on site, discussed work plan for day with crew. Will be working on east and west access road areas. Adam monitoring oak removal on east side, Christine and I on west side0700 WEAP trained one additional crew member0845 crew setting up fencing around protected oaks

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0945 started veg removal of CSS along western access road impact areas
1000 WEAP trained one additional JV staff
1030 went with Joe (Griffith) to identify any oaks that will need to be trimmed. Will need certified arborist to trim. Veg removal continued until 1245 pm
Rescued and relocated: 2 alligator lizards, 2 fence lizards, 1 coastal whiptail, 1 striped racer, 1 woodrat. Point taken in collector for whiptail

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #2 Photo D



Log Entry #3

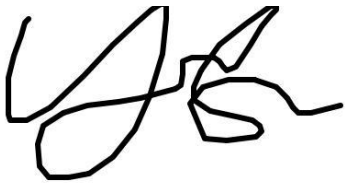
1300 After veg removal was completed, went with Griffith to identify oaks requiring protective fencing. Discussed work plan and need for monitors on Monday. 1345 left site

Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be 'J. S.' or similar, with a stylized, cursive script.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/30/2018 12:48 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 30, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Christine Tischer, Lauren Simpson, Torrey Rotellini

Start Time

07:00

Start Temperature

48

Start Cloud Cover

35

Start Wind Speed

0-2

End Time

13:30

End Temperature

64

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

1. One excavator (350), one bulldozer, and hand tools2. JV Land Clearing crew, two operators (Jeremy and Cary), and 3 laborers. Gave WEAP training to one new member of the crew

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ANHU, BLPH, RSHA, WSCJ, CORA

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715, conducted clearance sweep of access road location on east side of the dam. No biological constraints observed.

Log Entry #1 - Photos taken?

No

Log Entry #2

0818, monitored vegetation clearing along south side of new access road on the east side of the dam. Oak trees removed included #s 23, 24, 25, 26, 27, 28, 29, and 30.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

[Handwritten signature]

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/30/2018 11:20 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 30, 2018

Monitor Name

Christine Tischer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Lauren Simpson, Torrey Rotellini

Start Time

07:00

Start Temperature

48

Start Cloud Cover

35

Start Wind Speed

0-2

End Time

10:53

End Temperature

57

End Cloud Cover

30

End Wind Speed

Construction Activity and Personnel

Staking limits and installing ESA fencing around oaks. Began clearing of upper west access road. 1 excavator and operator, 2 surveyors, 6-8 person ground crew.

What type of monitoring is being conducted?

Construction monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

N/A

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, CALT, YRWA, BEWR, woodrat (middens), NUWO, WESJ, HOFI, whiptail, fence lizard, alligator lizard, OATI, ACWO, RCKI, MODO, fritillary

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

07:20 Pre-clearance survey of west access road area. 1 oak along existing road will be protected in place. Coastal sage scrub and 1 acacia tree in upper area to be removed. Not working in lower portion due to recent rain. A few woodrat middens in lower area.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

9:10 Excavator arrived on site. ESA boundaries around oaks being staked. Surveyors delineating limits of clearing for access road. Began removing vegetation at 9:30.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

10:45 Relocated 3 immature fence lizards, 1 immature whiptail, and 1 alligator lizard. Lauren S. to complete monitoring since only 1 operator/excavator and limited amount of work to be done.

Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

Signature



Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/03/2018 4:52 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.00

Date

Dec 3, 2018

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson, Camilla Estes, Torrey Rotellini, Carley Lancaster

Start Time

06:58

Start Temperature

47

Start Cloud Cover

25

Start Wind Speed

1-2

End Time

16:42

End Temperature

55

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

2 front loadersRandy (JV)

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

NOMO, AMCR, WESJ, CALT, coyote, BUSH, COHA, SPTO, DUFL, BLPH, NOFL, BEWR, SOSP, ANHU, RTHA, desert cottontail, BGGN, speckled rattlesnake, peromyscus sp., CA king snake, gopher snake, neotoma sp.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0720, morning clearance sweep..

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #3

0945, vegetation clearing/grubbing along the eastern edge at the north end of the work area. Caught and relocated 1 king snake, 1 western rattlesnake, gopher snake, 2 peromyscus sp., 1 neotoma sp. (all uninjured. caught and euthanized 1 injured western toad. Flushed 2 desert cottontails and 1 wood rat out of the work area. Torrey assisted with relocation of 1 peromyscus, western rattlesnake, and the euthanization of the western toad.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #4

1430, final sweep

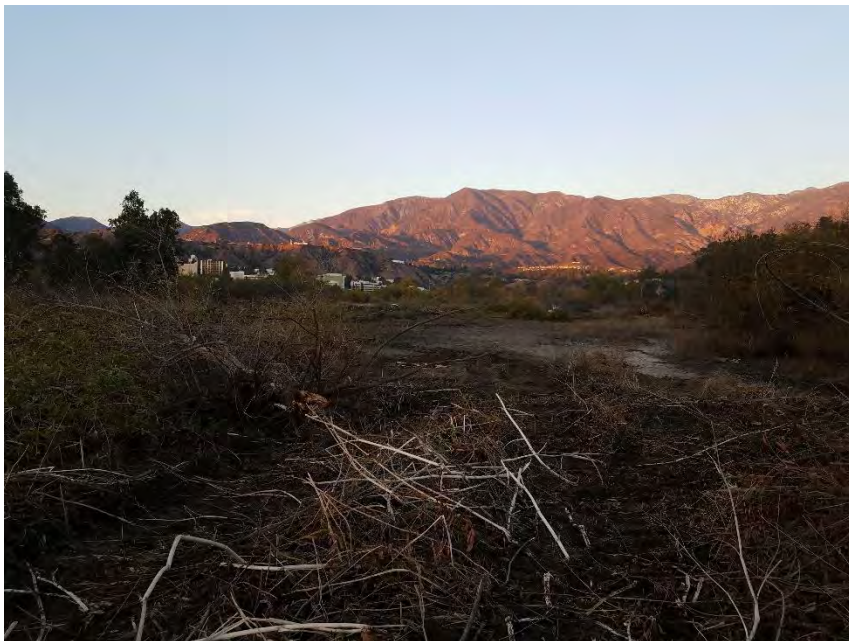
Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #4 Photo C



Survey Completed?

Yes

Signature

ln lv

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/03/2018 5:01 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 3, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini, Camilla Estes, Shannan Shaffer

Start Time

06:45

Start Temperature

46

Start Cloud Cover

45

Start Wind Speed

0-3

End Time

16:30

End Temperature

55

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

JV and Griffith, 1 excavator clearing perimeter, 1500 1 excavator clearing west access road w/2 crew using chainsaws

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Striped racer, CASJ, CALT, ACWO, MODO, YRWA, NOFL, NUWO, alligator lizard, woodrat, western toad, side blotched lizard, WCSP, AMCR

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 tailboard meeting. One crew will be clearing west access road with excavator, 2 loaders in the reservoir, and one excavator clearing the perimeter 0720 WEAP trained one County worker

Log Entry #1 - Photos taken?

No

Log Entry #2

0830 started monitoring clearing of perimeter. Rescued/Relocated 3 western roads, 2 side blotched lizard, 1 alligator lizard Worked with excavator on western perimeter working south. Lunch 1130 1210 resumed removal activities

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1315 swapped places with Camilla. Now watching excavator on west access roads. Checked bat trees after felling. No bat issues Crew finished 1630, will have 5 monitors tomorrow. No bio issues observed

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/03/2018 5:06 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 3, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Carley Lancaster, Shannan Shaffer, Torrey Rotellini, Lauren Simpson

Start Time

07:00

Start Temperature

47

Start Cloud Cover

30

Start Wind Speed

1

End Time

16:15

End Temperature

63

End Cloud Cover

5

End Wind Speed

3

Construction Activity and Personnel

Excavator. Scott, operator. Santos, chainsaw. Alexis. JV Land Clearing.

New crew at 1510: Excavator. Brandon, operator.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Striped racer. California towhee. California scrub jay. Hummingbird sp. Alligator lizard.
Mourning dove. House finch. White-crowned sparrow.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0915: Striped racer relocated. Vegetation removal. Previously cut. Loaded onto dump truck by excavator. Two alligator lizards relocated. One dead alligator lizard observed next to road.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

1210: Vegetation removal. One bat tree felled.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1510: New crew. Vegetation removal.

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/03/2018 5:03 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 3, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Ye

List Additional Monitors Present

Lauren Simpson , Camilla Estes , Carley Lancaster , Shannan Shaffer

Start Time

07:12

Start Temperature

48

Start Cloud Cover

25

Start Wind Speed

1-3

End Time

16:51

End Temperature

55

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Excavator, backhoe, crew of four

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, wood rat, side blotched lizard, ACWP, PMAN, AMCO,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0725 monitoring veg clearing in southeast by the staging area at the access roads by the trailers. 0905 finished veg clearing t top of reservoir by trailers, entered into reservoir with excavator.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0945 began veg clearing in reservoir. Retrieved two wood rats, lunch at 11:15.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1200. Restarted veg clearing. Nudged bat trees, none observed leaving. Felled bat trees.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

1345, finished veg clearing in area, continuing north. 1400, recieved severely injured western toad, euthanized it. Saved. Wood rat and PMAN retrieved

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

1630, finished veg removal. Conducted final sweep of area. Biologist left site.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to be 'Fy Mh' followed by a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 8:41 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini, Lauren Simpson, Shannan Shaffer, Carley Lancaster, Todd Chapman

Start Time

07:00

Start Temperature

45

Start Cloud Cover

5

Start Wind Speed

2

End Time

16:30

End Temperature

67

End Cloud Cover

0

End Wind Speed

6

Construction Activity and Personnel

Loader: Cary, Operator: Albert, Brian. All from JV Land Clearing.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Black phoebe. California scrub jay. Wood rat. Alligator lizard. Deer mouse. Desert cottontail rabbit.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700.: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0800: Monitored vegetation piles being moved. 4 wood rats relocated. 2 alligator lizards relocated. 1 dead alligator lizard observed and relocated . 1 dead (been dead for a while) desert

cottontail rabbit observed and relocated. 2 deer mice relocated. Monitored grading. Monitored recently removed vegetation being placed into piles. Monitored the felling of trees.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #2 Photo D



Survey Completed?

Yes

Signature

Charles G. G.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/06/2018 10:14 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes, Torrey Rotellini, Shannan Shaffer, Todd Chapman

Start Time

06:45

Start Temperature

45

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

16:30

End Temperature

56

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1 excavator w/ Griffith operator 2 excavators with JV 2 loaders with JV

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, NOFL, BGGN, ANHU, NUWO, CALT, BLPH, western fence lizard, woodrat, SAPH, RTHA

Topics to Cover on the Next Monitoring Day

Number of biologists needed

Log Entry #1

0700 tailboard Discussed work plan for the day, 1 excavator on western access road, one excavator on perimeter, 2 loaders and 1 excavator in reservoir. Discussed rattlesnake safety

Log Entry #1 - Photos taken?

No

Log Entry #2

0745, excavator began clearing perimeter on west boundary working south until reaching southern boundary then working east. Lunch 1115Returned and monitored perimeter removal until excavators met at southern boundary

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1200 resume work activities. Got stickers from Brittany to give to trained personnel.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1400 relieved Todd, now covering his excavator at southern boundary removing veg

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1630 machine shutdown discussed plan for following few days. 1 woodrat relocated

Log Entry #5 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 4:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes, Shannan Shaffer, Todd

Start Time

07:09

Start Temperature

47

Start Cloud Cover

5

Start Wind Speed

2-5

End Time

16:51

End Temperature

64

End Cloud Cover

0

End Wind Speed

1-2

Construction Activity and Personnel

One excavator, Scott (Operator) crew of two on ground.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, alligator lizard, HOFI, PMAN, wood rat, AMCO

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, participated in contractor til oars, went to east side of reservoir to discuss plan of action. Conducting vegetation removal. 0830, alligator lizard rescued. 1105 fished rat away from work area

Log Entry #1 - Photos taken?

Yes

Log Entry #2

1200 lunch, 1230 back to veg removal. Discovered abandoned homeless tent.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1430, county inspectors came by, made sure all activities were done by protocol. Made sure Ok to cross wash, they gave the go ahead.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1443, crosses was to clear veg. 1530, continued clearing veg outside of wash, wood rat rescued. 1630 finished for day, swept area.

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 2:36 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Todd Chapman

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson, Torrey Rotellini, Camilla Estes , Shannan Shaffer

Start Time

07:00

Start Temperature

43

Start Cloud Cover

2

Start Wind Speed

0

End Time

16:30

End Temperature

57

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

N/A

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

N/A

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0745, Working with excavator crew (Jeremy) removing trees.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

Still pulling trees 0940

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

Break for lunch @1115: back to remove trees @ 1150

Log Entry #3 - Were Photos taken?

No

Log Entry #4

Departed site at 1435

Log Entry #4 - Were Photos taken?

No

Survey Completed?

Yes

Signature

— T SDA

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 4:45 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini, Camilla Estes, Lauren Simpson, Todd Chapman

Start Time

06:53

Start Temperature

47

Start Cloud Cover

10

Start Wind Speed

2-5

End Time

16:43

End Temperature

67

End Cloud Cover

0

End Wind Speed

1-2

Construction Activity and Personnel

One front loader conducting shrub and brush clearing. Operator-Randy (JV)

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, CALT, SOSP, desert cottontail, BLPH, Peromyscus sp., Neotoma sp., BGGN, WESJ, CA kingsnake, RTHA, COHA

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0715, morning clearance sweep of work area.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0740, Monitored vegetation clearing. Flushed 1 desert cottontail, 6 Peromyscus sp., and 8 Neotoma sp. out of the project area. Relocated 8 Peromyscus and 1 CA king snake out of the project area. All animals were uninjured.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1630 final sweep

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 4:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Camilla Estes, Greg Hampton

Start Time

06:46

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0-1

End Tie

16:30

End Temperature

60

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

JV crew, 2 loaders, 2 excavators, and ground laborers

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

N/A

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RTHA, CASJ, ANHU, woodrat, Norway rat, blph, AMCR, parrot, NOFL, SOSP, COHA, saph, shrew, deer mouse, cottontail, hofi, Rcki

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 tailboard, discussed work plan for day0715 WEAP trained 4 workers0800 discussed clearing near east access ramp with Adam who was monitoring the clearing. The area to be cleared did not match up with what our map shows in Collector. Called Luke (LACDPW Inspector) and he and the County Survey team met with Adam to clarify the project boundary and vegetation to be removed. Adam was informed that the map we had on file was for bidding purposes and that the Survey team had the most up to date map. Adam was given the all clear to remove vegetation in the area from the County. 0815 began monitoring loader moving downed veg and debris. 4 woodrats and 5 deer mice rescued and relocated off site. 1130 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #2

Resume activities 1200 Relocated 2 shrews, 1 deer mouse, 2 king snakes, 1 gopher snake, 2 alligator lizards, 1 western fence lizard, 1 side-blotched lizard. Veg clearing continued until 1630

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized, cursive 'W' or similar shape.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 6:53 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton, Lauren Simpson, Camilla Estes

Start Time

07:00

Start Temperature

55

Start Cloud Cover

85

Start Wind Speed

0-2

End Time

16:10

End Temperature

62

End Cloud Cover

90

End Wind Speed

0-2

Construction Activity and Personnel

1. 1 excavator (350) 2. 1 operator (Jeremy), 1 journeyman, 1 laborer. JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, ANHU, Parrot sp., BLPH, CORA, WSCJ, WEKI, RCKL, HOFI, WCSP, RTHA Western fence lizard, desert woodrat, American bullfrog

Topics to Cover on the Next Monitoring Day

Prior to the start of work, Cary and Joe walked the area to discuss what needed to be removed. I noticed that part of the area where they planned to work (east side of the drainage) was outside of the project boundary on collector. I had the crew wait to start removing vegetation and I notified Lauren. She contacted the surveyors to get clarification. The surveyors and Luke showed up about 30 minutes later. I showed them my map and asked them about the discrepancy with my map on collector. One of the surveyors told me my map was the original map created for bidding purposes, and their map had been updated. I clarified that the vegetation on the east side of the drainage was within the project boundary on their map, and they confirmed. From there I gave the crew the go ahead to remove vegetation.

Log Entry #1

0745, monitored vegetation clearing on the east side of the project area adjacent to the canal. Relocated 1 western fence lizard, and 2 desert woodrats.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'Kp FLD'. The signature is written in a cursive, stylized font. The 'Kp' is on the left, followed by a space, and 'FLD' is on the right. The 'F' and 'L' are connected, and the 'D' has a long, sweeping tail that extends downwards and to the right.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 4:24 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Greg Hampton , Lauren Simpson , Krissy Walker-Berry , Camilla Estes

Start Time

08:00

Start Temperature

54

Start Cloud Cover

90

Start Wind Speed

0-5

End Time

16:21

End Temperature

63

End Cloud Cover

80

End Wind Speed

0-5

Construction Activity and Personnel

1 Bulldozer used to clear and scrape vegetation into piles while 1 other personnel would clean up site.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, field mouse, kingbird, alligator lizard, black phoebe, amazon parrot

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0800-clearing of vegetation with bulldozer. Observed fieldmouse, alligator lizard, amazon parrots, and wood rat. 0900-switched with Krissy on training for restoration monitoring.

Log Entry #1 - Photos taken?

No

Log Entry #2

1000- returned to bulldozer clearing vegetation with 2 other personnel. Observed fieldmouse, wood rat, alligator lizard, black phoebe, and kingbird, vole, shrew, red-shouldered hawk, gopher, western toad.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

Andy Rypth

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 9:53 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Greg Hampton , Lauren Simpson

Start Time

07:00

Start Temperature

51

Start Cloud Cover

95

Start Wind Speed

1

End Time

16:30

End Temperature

62

End Cloud Cover

5

End Wind Speed

0

Construction Activity and Personnel

Scott, excavator operator.JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat. Desert cottontail. Deer mouse. Praying mantis. California towhee.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730: Vegetation removal with excavator. Wood rats, desert cottontail, and deer mouse flushed. Praying mantis relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #2 Photo D



Survey Completed?

Yes

Signature

Chad Gert

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/11/2018 4:32 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 11, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini , Lauren Simpson , Adam DeLuna

Start Time

07:19

Start Temperature

50

Start Cloud Cover

30

Start Wind Speed

0

End Time

16:25

End Temperature

67

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

1 bulldozer and 3 personnel

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

N/A

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0900-bulldozer operator and two other ground personnel start vegetation clearing within project limits. Observed field mouse, wood rat, alligator lizard, scrub jay, black phoebe, and red-shouldered hawk. 1130-lunch1200-bulldozer operator and 2 personnel continue with clearing vegetation. Estimated relocations: 12 field mice, 4 wood rats, 1 alligator lizard, and 1 fence lizard.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

No

Signature

Greg Rypth

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/11/2018 4:35 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 11, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton , Lauren Simpson , Adam DeLuna

Start Time

07:19

Start Temperature

51

Start Cloud Cover

40

Start Wind Speed

1-3

End Time

16:32

End Temperature

66

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Removal of vegetation, one excavator and operator.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, alligator lizard, wood rat, deer mouse, scrub jay, HOFI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0730, met with crew, initiated vegetation clearing. 0920 helped delineate outer work limits with tape. 1200 lunch.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1230 continued clearing vegetation.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1615 vegetation clearing finished, conducted final sweep of area.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/11/2018 4:58 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 11, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton , Torrey Rotellini , Adam Deluna

Start Time

07:00

Start Temperature

50

Start Cloud Cover

35

Start Wind Speed

0-1

End Time

16:30

End Temperature

60

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

JV, 2 excavators, 2 loaders, additional ground laborers.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, parrot, CALT, CASJ, AMCR, ACWO, RCKI, NOFL, SOSP, HOFI, ANHU, RTHA, NUWO, deer mouse, wood rat, Norway rat, alligator lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 tailboard 0710 WEAP trained 6 personnel 0730 waiting on construction equipment repair
Started veg removal 0900 watching excavator remove trees at southeast corner of work area
Relocated 1 woodrat

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

Work continued after lunch, relocated 1 deer mouse. One woodrat mortally wounded and humanely euthanized. Relocated alligator lizard Work done 1630

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Survey Completed?

Yes

Signature

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



Daily Monitoring Log Sheet

Monitor Signature _____

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/12/2018 4:27 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 12, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton , Taylor Dee , Adam DeLuna

Start Time

07:09

Start Temperature

47

Start Cloud Cover

5

Start Wind Speed

1-3

End Time

16:24

End Temperature

63

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

Vegetation removal, excavator and operator.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, RSHA, HOFI, wood rat

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715 tailgate with the crew, clearing vegetation today. Started work for today. 0945 witnessed RSHA predate rat. 1200 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #2

1230 continued clearing vegetation.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

0420, finished veg clearing for the day. Conducted final sweep of area.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "M. VA" followed by a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/12/2018 4:55 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 12, 2018

Monitor Name

Taylor Dee

Start Time

07:10

Start Temperature

45

Start Cloud Cover

55

End Time

16:30

End Temperature

64

End Cloud Cover

0

Construction Activity and Personnel

1 excavator, operator Jeremy

What type of monitoring is being conducted?

Construction monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RCKI, CORA, parrot sp., AMCR, RSHA, BLPH, CSJA, CAKI, CALT, BUSH, ANHU, woodrat, western France lizard, BEWR, RTHA, WSOW, desert cottontail, NOFL

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700-0709 tailboard safety meeting

Log Entry #1 - Photos taken?

No

Log Entry #2

0732 excavator started

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0800-0828 Jeremy the excavator operator has to stop removing trees due to issues with excavator. Resumed at 0828 but mechanic may be needed otherwise exhaust has to manually be reset.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

0830 working alongside bio monitor Greg, 1 front loader, and 2 ground crew conducting clean up and clearing by hand.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

0954-1016 Jeremy pulled excavator into staging area for mechanic to repair. Resumed work after.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1553 observed woodrat carcass in frontloadee tracks. Likely due to frontloader

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #7

1617 Operators driving heavy machinery back to staging area. Done for the day. A total of 4 woodrats and 4 western fence lizards were relocated out of work area. Construction activity monitored for the day occurred in the southeastern portion of the sediment removal area.

Survey Completed?

Yes

Signature



Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/13/2018 7:36 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 12, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Krissy Walker-Berry , Taylor Dee , Torrey Rotellini , Adam DeLuna

Start Time

07:12

Start Temperature

46

Start Cloud Cover

25

Start Wind Speed

0-3

End Time

16:30

End Temperature

61

End Cloud Cover

35

End Wind Speed

0-3

Construction Activity and Personnel

3 personnel: 1 on bulldozer, 2 on ground

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, field mouse, alligator lizard, western fence lizard, red shouldered hawk, Nutalls woodpecker, black phoebe, song sparrow, American crow, Cooper's hawk.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0730-vegetation removal began with bulldozer and 2 ground personnel. Estimated relocations: 5 wood rats, 1 alligator lizard. 1130- lunch1200- vegetation started again with same personnel and equipment. 1630-end of day left site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

Greg R. Smith



Daily Monitoring Log Sheet

Monitor Signature _____

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/13/2018 4:31 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 13, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Lauren Simpson, Torrey Rotellini

Start Time

07:37

Start Temperature

5

Start Cloud Cover

0

Start Wind Speed

0

End Time

16:24

End Temperature

73

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

1 operator of excavator clearing vegetation. 1 operator of front loader.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, field mouse, alligator lizard, fence lizard, RSHA, BLPH, RCKI, CATO, YRWA, HOFI, and AMCR.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0745- start of vegetation clearing with excavator. Relocated 3 wood rats, 1shrew, and 1 field mouse. 1200-lunch

Log Entry #1 - Photos taken?

No

Log Entry #2

1245-start of vegetation clearing with front loader. Relocated 1 alligator lizard. 1628- end of day, left site.

Log Entry #2 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Amy W. H.", written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/13/2018 4:58 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 13, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Greg Hampton , Torrey Rotellini

Start Time

06:45

Start Temperature

37

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

16:30

End Temperature

57

End Cloud Cover

5

End Wind Speed

0-1

Construction Activity and Personnel

JV crew 2 excavators 2 loaders and ground crew

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RTHA, woodrat, CASJ, wcsp, BLPH, AMCR, coha, CALT, alligator lizard, western fence lizard, deer mouse, western toad, CAKI, HOFI, NOFL

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 tailboard, discussed safety, trash, looking out for wildlife0815 began watching loader move veg near northeast end of project area. Relocated western toad

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1000 loader moved to southern project area, removed 2 bat trees, then moved to central area clearing shrubs around trees. Relocated 2 alligator lizards, 2 fence lizards, and a deer mouse. 1300 began removing potential bat trees in center of project area using bat method. Approximately 25 trees removed, no bats observed. 1630 work done for the day, no bio issues observed

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized, cursive script that begins with a large loop and ends with a long horizontal stroke.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/13/2018 7:01 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 13, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini , Lauren Simpson , Greg Hampton

Start Time

07:00

Start Temperature

42

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

16:30

End Temperature

70

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. One bulldozer/front loader attachment
2. One operator (Fausto), two laborers, JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

NOFL, BLPH, MODO, WEKI, RSHA, RTHA, RCKL, WSCJ, NOMO
desert woodrat, deer mouse, western fence lizard, southern pacific rattlesnake, California vole, southern alligator lizard, western toad, desert cottontail

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0750, monitored grading on east side.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0902- monitored vegetation clearing on west side. Relocated 1 deer mouse, 4 western fence lizards, 1 southern pacific rattlesnake, 1 California vole, and 2 southern alligator lizards. One western toad mortality was documented after being run over by the bulldozer/front loader.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "K. B. L.", written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 6:42 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 13, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Greg Hampton , Adam Schroeder

Start Time

07:16

Start Temperature

53

Start Cloud Cover

0

Start Wind Speed

0

End Time

16:32

End Temperature

72

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Vegetation clearing, excavator and operator. 2 ground laborers.

What type of monitoring is being conducted?

Construction Monitorin

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Field mouse, wood rat, CASJ, owl, coyote, RSHA, alligator lizard, parrot

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0716, participated in crew tailboard. Continued vegetation clearing near dam.1200 lunch.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1230 back to veg clearing. 1435 coyote ran by crew. 1617 finished clearing vegetation. Biologist left site at 1634.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping, stylized strokes. The signature appears to be a cursive or semi-cursive representation of a name, possibly starting with a large 'A' or 'M' and ending with a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 2:52 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 14, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Camilla Estes , Torrey Rotellini

Start Time

07:28

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

14:40

End Temperature

66

End Cloud Cover

100

End Wind Speed

0-5

Construction Activity and Personnel

1 excavator and 1 operator

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Western toad, wood rat, alligator lizard, western fence lizard. RSHA, BUTI, SAPH, BLPH, CORA

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0730: began vegetation clearing with excavator. Relocated 3 wood rats, 1 alligator lizard, and 1 western toad. 1445: Camilla took over monitoring excavator. 1450: left site

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

Andy Richter

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 5:46 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 14, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes, Adam Schroeder , Greg Hampton

Start Time

07:14

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:15

End Temperature

65

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

Veg clearing, excavator 2 laborers on ground.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, parrot, western toad, alligator lizard, fence lizard, wood rat, ALHU, CASJ, RSHA, whiptail lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715, participated in tailboard. Continuing vegetation clearing. 1200 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #2

1130 back to clearing veg. 1500 finished clearing veg, encountered whiptail. conducted final sweep of area, biologist left site at 1515.

Log Entry #2 - Were Photos taken?

Yes

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several stylized, overlapping loops and lines, appearing to be a cursive or shorthand representation of a name.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 6:36 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 14, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini, Camilla Estes, Greg Hampton

Start Time

07:00

Start Temperature

53

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:0

End Temperature

66

End Cloud Cover

100

End Wind Speed

0-2

Construction Activity and Personnel

1. One track loader 2. One operator (Fausto), and one laborer. J.V. Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, AMCR, Parrot, ANHU, RCKL, WSCJ, MODO, RSHA, desert cottontail, desert woodrat, deer mouse, common side blotched lizard, western fence lizard, western toad, southern alligator lizard, gopher

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0740, monitored vegetation clearing on the west side. Relocated 3 desert woodrat, 3 deer mice, 2 western fence lizard, 2 western toad, 1 gopher, 1 southern alligator lizard, 1 common side blotched lizard

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



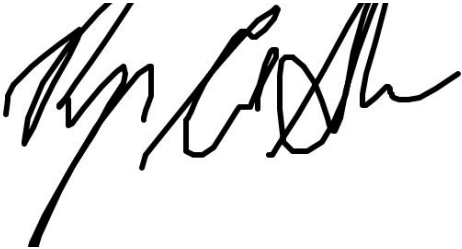
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "K. C. Smith", written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 8:09 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 14, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Torrey Rotellini, Greg Hampton

Start Time

07:00

Start Temperature

50

Start Cloud Cover

100

Start Wind Speed

2

End Time

15:30

End Temperature

65

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Loader.Cary, operator AlexisBrianAlbertJV Land Clearing Excavator.George, operator JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Black phoebe. Western fence lizard. Wood rat. Deer mouse. Desert cottontail. Hummingbird sp. Western scrub jay. Ruby-crowned kinglet.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730 -1400: Grading. Moving cut vegetation into piles. Western fence lizard relocated. Wood rats flushed. Wood rats relocated. Desert cottontail and deer mouse flushed. One dead desert cottontail and one dead wood rat relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #3

1425: Vegetation removal. New crew.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #3 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Guth" followed by a stylized flourish or initials.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/17/2018 5:34 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 17, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Jerry Aguirre , Wendy Turner , Lauren Simpson

Start Time

07:00

Start Temperature

53

Start Cloud Cover

39

Start Wind Speed

0-2

End Time

15:30

End Temperature

62

End Cloud Cover

80

End Wind Speed

1-3

Construction Activity and Personnel

1. One track loader2. One operator (Carey), and 4 laborers, J.V. Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMKE, ANHU, Parrot, AMCR, WSCJ, MODO, BLPH, RSHA, WEKI, HOFI, CORA, CALT, TUVU, RTHA, Desert woodrat, western fence lizard

Log Entry #1

0923, monitored vegetation clearing and grading. Relocated 2 desert woodrats and 1 western fence lizard. One California kingsnake and one desert cottontail were killed as a result of project activities.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/17/2018 5:42 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 17, 2018

Monitor Name

Jerry Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Wendy Turner , Lauren Simpson

Start Time

07:00

Start Temperature

60

Start Cloud Cover

30

Start Wind Speed

1-3

End Time

15:30

End Temperature

65

End Cloud Cover

70

End Wind Speed

1-3

Construction Activity and Personnel

1 excavator monitored. Operator Scott with Griffith Company.1 chipper.Operator Rick with JV Land Clearing.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Western Toad, ANHU, woodrat, CORA, CA kingsnake

Log Entry #1

0730: Provided wrap training to three job land clearing personnel. 0745: vegetation removal on northeast end. One excavator. no special status species observed. Operator Scott. One western toad relocated. No mortalities.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

0900: 1 excavator loading spoils into chipper. No special status species observed. Scott and Rick operators. 1 western toad relocated. Three cottontail rabbits safely flushed. 1 mice relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

12:30 resumed work with excavator and chipper. Scott and Rick still operating. Relocated one ca kingsnake.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



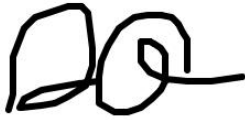
Log Entry #3 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized 'D' followed by a loop and a horizontal stroke.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/17/2018 5:04 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 17, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Jerry Aguirre , Wendy Turner

Start Time

06:45

Start Temperature

55

Start Cloud Cover

75

Start Wind Speed

0-1

End Time

15:20

End Temperature

65

End Cloud Cover

80

End Wind Speed

1-5

Construction Activity and Personnel

JV crew, 2 loaders, 2 excavators, chipper, Rock truck, ground crew with chainsaws

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RTHA, CASJ, ANHU, BLPH, AMCR, parrot , woodrat, Caki, deer mouse, side blotched lizard, alligator lizard, YRWA

Topics to Cover on the Next Monitoring Day

1 machine down, only 3 biologists needed

Log Entry #1

0715 tailboard. One monitor with Brandon (Griffith) on west access road, one monitor with Fausto on loader, one with Scott pulling veg, one (me) with George removing bat trees using bat method. Cary clearing roads with loader, no monitor needed. Fausto machine broke down, monitor with Cary on loader 0720 Jerry WEEP trained three new JV crew

Log Entry #1 - Photos taken?

No

Log Entry #2

0745 began observing George remove trees using bat method with excavator. No bats observed 0845 excavator began loading rock trucks with vegetation piles. Relocated 4 woodrats 3 deer mice, 1 alligator lizard, 4 side blotched. Flushed several additional cottontails and woodrats out of harms way. Casualties: 2 Norway rats, 1 cottontail (1 rat and 1 cottontail appeared to be RTHA prey). Crew finished 1515

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



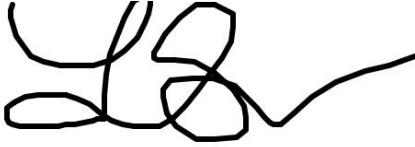
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a trailing flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/17/2018 4:21 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 17, 2018

Monitor Name

Wendy Turner

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Jerry Aguirre , Lauren Simpson

Start Time

07:30

Start Temperature

55

Start Cloud Cover

10

Start Wind Speed

0

End Time

15:30

End Temperature

65

End Cloud Cover

80

End Wind Speed

0

Construction Activity and Personnel

monitored grubbing crew, operator was Brandon in the excavator, clearing path for ESA fencing along southern boundary.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

BLPH, AMCR, RUHU, western fence lizard, alligator lizard, norway rat, field mouse, CASJ, HOFI, desert cottontail, RTHA

Log Entry #1

0730, attended tailboard.

Log Entry #1 - Photos taken?

No

Log Entry #2

0800 work began, monitored Brandon on the excavator, clearing path for ESA fencing at southwestern corner.0940, crew was called off vegetation clearing to assist with unloading pipe for the next hour or two. Monitor assisted other monitors with their crews.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

1215, Crew resumes work, working on east side of stream, removing vegetation along ESA boundary. ESA crew arrives and begins installing ESA fence.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

1340, crew is finished with east side of stream, headed back to the west side to grub vegetation along access road. 1510, crew is finished for the day and off site. Monitor assisted other monitors with their crews until work was completed for the day. 1545, monitor left the site

Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/18/2018 6:11 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 18, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt , Wendy Turner

Start Time

07:00

Start Temperature

47

Start Cloud Cover

30

Start Wind Speed

0-2

End Time

15:30

End Temperature

67

End Cloud Cover

30

End Wind Speed

0-2

Construction Activity and Personnel

1. One excavator and one horizontal grinder. 2. One excavator operator (J.V. Land Clearing), and one horizontal grinder operator (Equipment Corporation).

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, ANHU, WEKI, CORA, BLPH, Desert woodrat, deer mouse.

Log Entry #1

0725, monitored excavator loading vegetation into horizontal grinder to be chipped. Relocated 3 desert woodrats.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "My/Edm". The signature is written in a cursive style with a large, stylized "M" and "E".

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/18/2018 3:29 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 18, 2018

Monitor Name

Brian Zitt

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Wendy Turner

Start Time

06:30

Start Temperature

60

Start Cloud Cover

30

Start Wind Speed

1-3

End Time

15:30

End Temperature

67

End Cloud Cover

90

End Wind Speed

2-4

Construction Activity and Personnel

Excavator and two loaders, JV Land and Clearing Co., picking up vegetation piles and transferring to chipping area.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

BLPH, RSHA, CORA, WCSP, ROPI, cottontail, western fence lizard, Baja California tree frog, wood rat, deer mice,

Log Entry #1

0700, Tailboard Safety Meeting

Log Entry #2

0744, started removing vegetation piles

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1110, crew took break. Relocated species outside work area

Log Entry #4

1125, crew back removing vegetation piles.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

1500, Crew completed all construction activities and headed back to the staging area. Relocated animals outside ESA fencing.

Log Entry #6

1530, Departed the site

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/18/2018 3:58 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 18, 2018

Monitor Name

Wendy Turner

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Brian Zitt

Start Time

07:00

Start Temperature

50

Start Cloud Cover

10

Start Wind Speed

0

End Time

End Temperature

70

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

monitored Kerry in loader and two laboreres on foot, clearing road and brush pile areas for equipment to access.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, MODO, AMKE, RUHU, MALL, BLPH, western toad, western fence lizard, woodrat, norway rat

Log Entry #1

0700, arrived onsite, attended tailboard.0730, work starts, monitored Kerry on loader and two laborers on foot clean up roads and brush pile areas.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1100, Kerry left to check on other work, said he would return. monitor checked with other monitors to see if buckets needed to be emptied.1200, Kerry returns and resumes work.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1340, Kerry and loader headed to southeast corner to move brush and move soil to get road set up. 1515, all work complete for the day. 2 western fence lizards, 1 western toad, and 3 rats were safely relocated off site. No mortalities observed.1530, left tue site.

Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/19/2018 12:32 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 19, 2018

Monitor Name

Jerry Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Wendy Turner , Lauren Simpson

Start Time

07:00

Start Temperature

40

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

12:30

End Temperature

70

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

1 excavator, Scott operator, Griffith Company. 1 chipper, Rick operator, JV land clearing. Loading vegetation and tree spoils into chipper.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

CORA, BLPH, RTHA, Woodrat

Log Entry #1

0700- tailboard with entire crew, discussed plans of the day.0730- gave weap training to one worker. Ray Jarvis.

Log Entry #1 - Photos taken?

No

Log Entry #2

0750- monitored Scott on excavator loading veg spoils into chipper. Chipper operated by Rick. 4 wood rats safely flushed from spoils. No mortalities observed. No issues observed.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



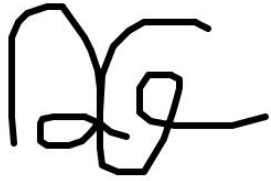
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be the initials 'AG' followed by a stylized flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/19/2018 3:12 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 19, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Wendy Turner , Jerry Aguirre

Start Time

12:15

Start Temperature

72

Start Cloud Cover

15

Start Wind Speed

0-3

End Time

15:11

End Temperature

77

End Cloud Cover

15

End Wind Speed

0-1

Construction Activity and Personnel

Observing JV excavator and chipper

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

BLPH, CALT, CAKi

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

1215 took over monitoring for Jerry after lunch. Observing excavator move veg into chipper. No animals flushed. 1500 work completed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



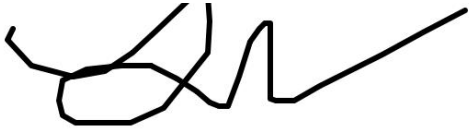
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/19/2018 3:14 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 19, 2018

Monitor Name

Wendy Turner

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Jerry Aguirre

Start Time

07:00

Start Temperature

40

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:10

End Temperature

75

End Cloud Cover

5

End Wind Speed

0-2

Construction Activity and Personnel

monitored Ray on excavator, loading 2 rock trucks with brush. three laborers on foot.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, HOWR, ANHU, CALT, BLPH, cottontail, field mouse, norway rat

Log Entry #1

0640, arrived on site 0700, attended tailboard 0730, work began. Monitored Ray on the excavator loading brush into two rock trucks, three laborers on foot.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1450, crews cleaning up for the day, 1510, all crew off site

Log Entry #2 - Were Photos taken?

No

Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/19/2018 5:55 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 19, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Wendy Turner, Lauren Simpson, Jerry Aguirre

Start Time

07:00

Start Temperature

41

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

15:00

End Temperature

75

End Cloud Cover

5

End Wind Speed

0-2

Construction Activity and Personnel

1. One track loader 2. One operator (Carey), and 2 laborers, J.V. Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

COHA, AMCR, Parrot, RTHA, BLPH, WSCJ, ANHU, CORA, CALT, WCSP, HOFI, RCKL

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0750, monitored track loader loading vegetation into haul trucks.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0820, monitored vegetation clearing at the southern end of the site.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'Ry/Sha'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/20/2018 9:28 PM

Project Name

Date

Dec 20, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt , Camilla Estes

Start Time

07:00

Start Temperature

42

Start Cloud Cover

25

Start Wind Speed

0-2

End Time

15:00

End Temperature

76

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

1. One track loader2. One operator (Cary), and one laborer, J.V. Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RTHA, BLPH, HOFI, WCSP, RCKL, Parrot, ANHU, CALT, WSCJ, Baja California treefrog, black rat

Log Entry #1

0725- monitored road grading adjacent to the horizontal grinder in preparation for a truck to come in and haul out wood chips.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0755- monitored vegetation removal on the south end. Relocated 1 Baja California tree frog, 1 black rat, and 1 desert woodrat.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1055- monitored track loader loading chipped vegetation into a truck to be hauled off site.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

1400- monitored vegetation removal on the south end.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters. The signature appears to be "J. L. de" or similar, with a long horizontal stroke at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/20/2018 3:18 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 20, 2018

Monitor Name

Brian Zitt

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Camilla Estes

Start Time

06:50

Start Temperature

42

Start Cloud Cover

50

Start Wind Speed

0-2

End Time

15:17

End Temperature

79

End Cloud Cover

10

End Wind Speed

2-4

Construction Activity and Personnel

Monitored an excavator moving piles of vegetation into dump trucks to be hauled to the chipping area.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RSHA, BLPH, AMCR, hummingbird, wood rat, deer mice, cottontail rabbits

Log Entry #1

0700, tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730, monitored

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1103, Crew took break, relocated animals outside ESA.

Log Entry #4

1119, crew removing vegetation

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

1335, Gave Camilla a turnover to monitor crew while I departed to relocate additional animals.

Log Entry #6

1353, relieved Camilla with monitoring vegetation removal.

Log Entry #7

1450, crew completed vegetation removal and graded back to staging area.

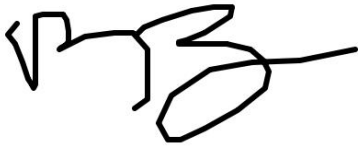
Log Entry #8

1510, relocated animals departed area. Relocated a total of 18 rats, 2 mice, and 2 rabbits. Seven mortalities resulting from crushing (tracks, tires, or tree branches) including 3 rats, 4 rabbits, and one mouse.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping letters that appear to be 'V', 'B', and 'S' followed by a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/20/2018 8:06 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 20, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini , Brian Zitt , Adam Schroeder

Start Time

07:00

Start Temperature

55

Start Cloud Cover

30

Start Wind Speed

1-3

End Time

15:00

End Temperature

79

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

Excavator Scott, operator JV Land Clearing Chipper. Chipper operator Brian Zitt's crew: Excavator Dump trucks

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Western scrub jay. Black phoebe. Wood rat. Desert cottontail.

Log Entry #1

0700: Tailboard

Log Entry #2

0730: Monitored excavator loading cut vegetation onto chipper. Relocated wood rat. Flushed wood rats.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1330: Monitored Brian Zitt's crew. Monitored the loading of cut vegetation onto dump trucks. Flushed desert cottontails and wood rats.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

1410: Monitored excavator loading cut vegetation onto chipper.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

Carl L. Est

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/21/2018 3:18 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 21, 2018

Monitor Name

Brian Zitt

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Torrey Rotellini

Start Time

06:48

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:15

End Temperature

70

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

0700, tailboard

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RSHA, CORA, WEKI, HOFI, BLPH,

Topics to Cover on the Next Monitoring Day

Housekeeping

Log Entry #1

0730, vegetation removal. Operation included an excavator and two dump trucks.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1144, crew took break. Relocated species.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1204, crew continued removing vegetation.

Log Entry #4

1450, crew completed work activities and headed back to staging area.

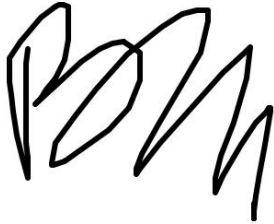
Log Entry #5

1515, Relocated species and departed the site. Species relocated today included 6 wood rats, 3 house rats, 25 deer mice, 1 CA vole, 1 ornate shrew, 1 cottontail rabbit, 2 western toads.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and strokes, likely representing the letters 'P' and 'M'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/21/2018 3:42 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 21, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt , Torrey Rotellini

Start Time

07:00

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:00

End Temperature

69

End Cloud Cover

15

End Wind Speed

0-1

Construction Activity and Personnel

JV crew. Monitoring Cary on loader

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RTHA, BLPH, hofi, Cora, rcki, rsha, Norway rat, gopher snake, deer mouse, fence lizard

Topics to Cover on the Next Monitoring Day

Working til 430 next week, adding 2 machines

Log Entry #1

0715 Cary began day by loading clippings into haul truck 0730 provided WEEP training to JV haul truck operator 0745 discussed with Luke the possibility of removing old nests from the perimeter to discourage nesting in future. Discussed the need for an approved NBMP before any nests could be removed. Point taken at nest in Collector

Log Entry #1 - Photos taken?

No

Log Entry #2

0815 Cary began removing veg at the southernmost portion of the work area. 2 Norway rats safely flushed, no animals relocated 1030 began loading haul truck with second load of clippings 1100 felled the remaining potential bat trees under my supervision. 1230 loading third round of clippings 1245 moving stockpiles 1300 went to help Brian empty his buckets, relocated 7 rats and 4 deermice and one side blotched lizard 1400 pulled gopher snake from pile and safely relocated uninjured along with western fence lizard 1500 end of work. No bio issues observed

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



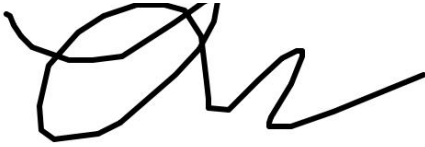
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized 'S' or 'Z' shape followed by a series of connected loops and a final horizontal stroke.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/21/2018 3:09 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 21, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Brian Zitt

Start Time

07:30

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

2-5

End Time

15:15

End Temperature

70

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

Veg removal, chipping. One large chipper, excavator, two operators

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Log Entry #1

0730 started veg clearing, picking up piles with excavator and loading it into chipper. 1145 break

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1200 picking up piles and loading into haul truck. 1500 end of day, biologist left site.

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to read "J. R. R. R." with a stylized flourish at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/26/2018 3:15 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 26, 2018

Monitor Name

Alfredo Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Krissy Walker-Berry , Torrey Rotellini , Brian Leatherman

Start Time

07:00

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:13

End Temperature

64

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Excavator and wood chipperOperator: Scott

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Western toad, gopher snake, CORA

Log Entry #1

0737, loading cut vegetation into wood chipper.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0911, excavator moved from loading cut vegetation into wood chipper to loading piles of cut vegetation into haul trucks.

Log Entry #3

1310, moved to north side of removal area. Loading piles of cut vegetation into haul truck.

Log Entry #4

1513, Operator done for the day. Conducted sweep of work area. No wildlife observed.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Alfred Ayer". The signature is written in a cursive style with a large, stylized initial 'A'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/26/2018 6:51 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 26, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini , Alfredo Aguirre , Brian Leatherman

Start Time

06:40

Start Temperature

39

Start Cloud Cover

0

Start Wind Speed

0-1mph

End Time

16:15

End Temperature

63

End Cloud Cover

80

End Wind Speed

0-1mph

Construction Activity and Personnel

Tractor, excavator, and chipper Followed equipment operators, including Griffith operator

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

American crow, parrot, mourning dove, house finch, Anna's hummingbird, western scrub jay, California towhee, bushtit, woodrat, mouse, Bewick's wren, western toad

Log Entry #1

0700- attended tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

Followed tractor that is grading the perimeter road

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1015- monitoring excavator loading chipper. Rescued 1 wood rat, 1 mouse, and 1 western toad.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Survey Completed?

Yes

Signature

Krista Williams

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/26/2018 4:52 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 26, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Krissy Walker-Berry , Alfredo Aguirre , Brian Leatherman

Start Time

06:57

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

16:23

End Temperature

62

End Cloud Cover

60

End Wind Speed

1-3

Construction Activity and Personnel

Vegetation removal, excavators tractors. Laborers on ground

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

CORA, RSHA, gopher snake, mouse, wood rat,

Log Entry #1

0700 participated in tailboard. Began vegetation removal/chipping. Lunch at 12:00

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1230 back to veg removal. Conducted final sweep of area at 1550 biologist left site at 1600

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "J. T. M. L.", written in a cursive style.



Daily Monitoring Log Sheet

[illegible]

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/27/2018 4:19 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 27, 2018

Monitor Name

Alfredo Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes , Krissy Walker-Berry

Start Time

07:00

Start Temperature

47

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

15:59

End Temperature

57

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Excavator, dump truck

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Woodrat, cottontail, CORA

Log Entry #1

0720, started loading cut vegetation into haul trucks

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1124, operating loading cut vegetation into haul truck using an excavator.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1600, construction ended. Conducted post work sweep. No wildlife observed.

Survey 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 horizontal line extending to the right.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/27/2018 7:45 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 27, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Alfredo Aguirre , Krissy Walker-Berry

Start Time

07:00

Start Temperature

44

Start Cloud Cover

80

Start Wind Speed

1-3

End Time

15:15

End Temperature

62

End Cloud Cover

1

End Wind Speed

10

Construction Activity and Personnel

Excavator Dump truck Scott, excavator operator Alexis, laborer Dump truck operator

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Western scrub jay Black phoebe Gopher snake Alligator lizard Side-blotched lizard Wood rat
Cactus mouse Western fence lizard Desert cottontail California towhee

Log Entry #1

0700: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730: Monitored excavator loading vegetation piles onto dump truck. Gopher snake relocated. Alligator lizards relocated. Wood rat relocated. Deer mouse flushed. Wood rats flushed. Cactus mouse relocated. Side-blotched lizard relocated. Desert cottontail flushed. Western fence lizards relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

Camille EA

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/27/2018 7:15 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 27, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Alfredo Aguirre , Camilla Estes , Taylor Dee

Start Time

06:45

Start Temperature

38

Start Cloud Cover

60

Start Wind Speed

0-1mph

End Time

16:00

End Temperature

58

End Cloud Cover

5

End Wind Speed

1-2mph

Construction Activity and Personnel

JV crew with 3 excavators, 2 dump trucks, 1 loader, and 1 chipper. Foreman Cary.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Wood rat, western toad, western fence lizard, alligator lizard, coastal whip tail, striped racer, parrot, American crow, common raven, Bewick's wren, bushtit, red-shouldered hawk, red-tailed hawk, black phoebe

Log Entry #1

0700- attended tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0715- monitored Cary in loader. Consolidating vegetation piles in front loader for excavators to pick up. 1 coastal whip tail, 3 wood rats, 2 western toads, 5 fence lizards, 1 alligator lizard, and 1 striped racer relocated outside of the project area.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1500- monitored Scott on excavator as he loaded vegetation into dump trucks.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey Completed?

Yes

Signature

KyBawle Br

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/28/2018 6:24 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 28, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Krissy Walker-Berry , Taylor Dee , Lauren Simpson

Start Time

07:00

Start Temperature

49

Start Cloud Cover

Start Wind Speed

15

End Time

13:30

End Temperature

59

End Cloud Cover

0

End Wind Speed

7

Construction Activity and Personnel

LoaderJosh, operator Albert, laborerBrian, laborer

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Killdeer Black phoebe Western scrub jay Wood rat American crow

Log Entry #1

0700: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730: Monitored vegetation piles being loaded onto loader by hand. One old dead wood rat relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1140: Surveyed ESA fence for tears and missing ESA signs. Used Collector to mark areas of concern.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "C. M. Ed". The signature is written in a cursive, stylized font with a large initial "C" and a distinct "Ed" at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/28/2018 3:02 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 28, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes , Taylor Dee

Start Time

07:00

Start Temperature

45

Start Cloud Cover

0

Start Wind Speed

5-15, windy!

End Time

15:01

End Temperature

60

End Cloud Cover

0

End Wind Speed

2-10

Construction Activity and Personnel

JV crew, monitoring Cary on front loader moving veg.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RTHA, Parrot sp., AMCR, CASJ, CALT, WTSW, woodrat, cottontail, SAPH, HOFI, NOFL, BLPH, BEWR, western toad, alligator lizard, ANHU

Log Entry #1

0700 tailboard, discussed wind and dust safety. Discussed damage to ESA fence due to wind. Griffith crew fixed holes in fence. 0715 began monitoring Cary during veg removal using loader. First in southernmost portion next in northernmost. Relocated 8 western roads, 1 alligator lizard, 1 woodrat. Flushed 3 cottontails. 1 woodrat mortality. 1300 discussed missing/torn ESA signs with Griffith foreman, will address missing signs. 1500 finished for day.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



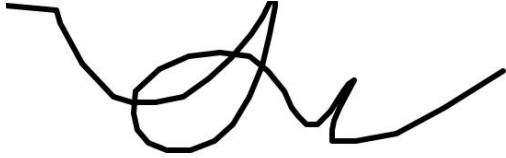
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/28/2018 3:05 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 28, 2018

Monitor Name

Taylor Dee

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Camilla Estes

Start Time

07:18

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

4-6

End Time

15:03

End Temperature

60

End Cloud Cover

0

End Wind Speed

2-10

Construction Activity and Personnel

Vegetation removal. monitoring 1 excavator clearing vegetation and debris piles then loading into 1 haul truck. excavator operator: Scott, 1 ground crew hand removing: Alexis, and haul truck operator: Jamie.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, YRWA, parrot sp., RTHA, mouse, COHA, HOFI, MODO, CALT, CORA, SOSP, BLPH, GREG, CSJA, SPTO, NUWO, raccoon (tracks), BGGN, BUSH, RCKI, CAKI, southern alligator lizard, shrew sp., woodrat,

Topics to Cover on the Next Monitoring Day

n/a

Log Entry #1

0700 tailgate meeting. It's windy. Fence needs repaired, will be donr today. Not woodchipping today, all caught up.

Log Entry #1 - Photos taken?

No

Log Entry #2

0720 started monitoring construction. Scott using excavator to load vegetation and debris into haul truck at south end near dam.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

1045 Captured 1 adult coastal whiptail and safely relocated out of project area. Recorded point in Collector.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

1345 observed 1 woodrat carcass. appears recent and is likely incidental. May have died while excavator pulling debris from wood/debris pile to load into hawk truc

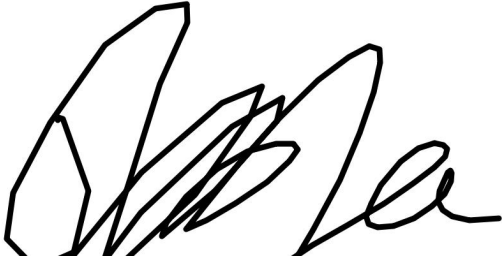
Log Entry #10

relocated 11 western fence lizards, 1 coastal whiptail, 1 western side-blotched lizard, 2 mouse (Peromyscus sp.), 1 Baja California treefrog, 1 southern alligator lizard, 1 shrew, 3 woodrats.

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/31/2018 1:54 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 31, 2018

Monitor Name

Christine Tischer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

45

Start Cloud Cover

15

Start Wind Speed

1-2

End Time

13:36

End Temperature

52

End Cloud Cover

75

End Wind Speed

1-2

Construction Activity and Personnel

1 excavator/operator, 1 loader/driver, 1 dozer/operator with 2 on foot, 1 excavator?/operator, 1 water truck/driver, 1 foreman, 2 bio monitors. 2 crews total with 2 bio monitors

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, parrot. BLPH, SOSP, CASJ, coyote, CALT, OATI, CORA, SAPH, BEWR, YRWA, WCSP, RTHA, RSHA, w. fence lizard, side-blotched lizard, woodrat, western toad, alligator lizard, Norwegian rat

Topics to Cover on the Next Monitoring Day

continue to fix ESA fencing as needed, may need to replace ESA signs due to high winds.

Log Entry #1

0700 - tailboard with crew. Second operator is running late (flat) so only 1 crew to start.

Log Entry #1 - Photos taken?

No

Log Entry #2

0815 - 1 excavator (Jeremy) and 1 loader with both biologists, clearing random brush, mostly

Log Entry #3

09:20 - 2nd operator (Corey) ready to begin clearing remaining mulefat in upper watershed. Lauren went to monitor.

Log Entry #4

1:15 - done for day, all equipment parked, final sweep and monitoring equipment returned to trailer.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Christina". The signature is written in a cursive style with a large initial "C" and a long, sweeping underline.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/31/2018 1:39 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 31, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Christine Tischer

Start Time

07:00

Start Temperature

45

Start Cloud Cover

30

Start Wind Speed

0-3

End Time

13:37

End Temperature

57

End Cloud Cover

50

End Wind Speed

0-4

Construction Activity and Personnel

JV crew, 2 loaders 1 excavator and ground crew

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

CORA, OATI, CASJ, SPTO, ANHU, Parrots, RTHA, CALT, cottontail, woodrat, shrew, vole, alligator lizard

Topics to Cover on the Next Monitoring Day

N/a

Log Entry #1

0700 tailboard0830 veg clearing and pile clearing started. Relocated: 2 alligator lizards, 1 woodrat, 1 shrew, 1 vole1315 crew completed work for day

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



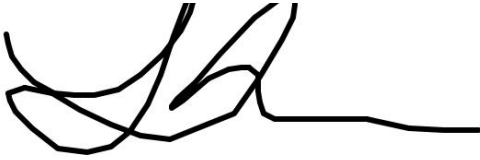
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

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

Habitat Restoration Monitoring Logs

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/27/2018 3:45 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 19, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

19:00

Start Temperature

49

Start Cloud Cover

20

Start Wind Speed

1-3

End Time

15:30

End Temperature

72

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools consisting of rakes and hoes to remove nonnative plant material. Crew consisted of 4 workers and two foreman (Haydee and Ron). All workers received training from Jerry Aguirre.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BNOW, BLPH ACWO CASJ, SCEOCC, SOSP, CALT, MODO, NOMO, YRWA, RTHA, TUVU, RCKI, BEWR

Topics to Cover on the Next Monitoring Day

Areas of focus, dumpster delivery, herbicide treatment.

Log Entry #1

0700, conducted pre-removal sweep of work area.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0745, crews began weed removal in southern portion of DG-4. All removed plant material was placed into garbage bags. Will be left onsite until dumpster arrival.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1530, final sweep of work area.

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 4:38 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 20, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

50

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

15:30

End Temperature

7

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 4 workers and two foreman (Haydee Johnson and Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, YRWA, BEWR, ACWO, CASJ, SCEOCC, RSHA, TUVU, AMCR, SOSP, WCSP, fox squirrel
Alligator lizard

Topics to Cover on the Next Monitoring Day

Dumpster bin delivery.

Log Entry #1

0700, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0715, weed removal, all removed material placed into trash bags (dumpster to be delivered tomorrow 11/21).

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1530, conducted final sweep.

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/07/2018 1:01 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 21, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

52

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

15:00

End Temperature

71

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 16 workers and 3 foreman (Haydee Johnson, Ron Crawford, and Joe). WEAP training provided by Jerry Aguirre for new crew members.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ACWO, CASJ, RSHA, YRWA, CALT, BEWR, WEBL, SOSP, SPTO, SCEOCC, cottontail AMCR, CAQU, NOMO, MODO

Topics to Cover on the Next Monitoring Day

Areas of focus. LEPLAT removal methods.

Log Entry #1

0700, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0745, weed removal, all removed plant material disposed of at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1500, conducted final sweep, crew done with removal will be conducting cleanup for the remainder of day.

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/28/2018 2:39 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 26, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

50

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

15:30

End Temperature

72

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 12 workers and three foreman (Haydee, Joe, and Ron). New crew members received WEAP training.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ACWO, CAQU, RTHA, YRWA, SOSP, NOMO, RCKI, CORA, AMKE

Topics to Cover on the Next Monitoring Day

Areas of focus. Missed areas.

Log Entry #1

0645, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

0710, nonnative and weedy plant removal, all removed plant materials were disposed of in onsite dumpsters.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1530, crew done for the day, conducted final sweep.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/27/2018 3:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 27, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

51

Start Cloud Cover

15

Start Wind Speed

0-3

End Time

15:00

End Temperature

70

End Cloud Cover

90

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools consisting of rakes and hoes to remove nonnative plant material. Crew consisted of 14 workers and four foreman (Haydee, Isabella, Joe, and Ron). New workers received training from Lauren Simpson.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BEWR, YRWA ACWO, CASJ, SCEOCC, RCKI, MAKE, CORA, SOSP, MODO, RSHA

Topics to Cover on the Next Monitoring Day

Areas of focus. Cleaning up all removed material before end of day.

Log Entry #1

0645, conducted pre-removal sweep of work area.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0715, weed removal in DG-4. Plant material removed with hand tools and hauled to onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0930, full dumpsters picked up by Republic Service.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1015, encounter with Sharon from local news station, briefly explained that crew was removing nonnative plant material for restoration purposes.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1205, empty dumpster delivered.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #6

1300, crew tarping and hauling removed plant material to new dumpster.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #7

1320, second empty dumpster delivered.

Log Entry #7 - Were Photos taken?

No

Log Entry #8

1530, crew done for day. Conducted final sweep of work area.

Log Entry #8 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/27/2018 3:04 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 27, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Carley Lancaster

Start Time

07:00

Start Temperature

56

Start Cloud Cover

10

Start Wind Speed

0-

End Time

15:02

End Temperature

73

End Cloud Cover

90

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image eucalyptus tree removal, crew of 3 using heavy machinery

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, CALT, AMCR, ANHU, NUWO, RTHA, CASJ, MODO, YRWA, COHA, NOFL, RCKI

Topics to Cover on the Next Monitoring Day

Finish eucalyptus tree removal in eastern access road region.

Log Entry #1

Arrived onsite 0700. Gave WEAP training to 4 workers at 07450800 equipment arrived

Log Entry #1 - Photos taken?

No

Log Entry #2

0845 two eucalyptus removed on west side near access road using bat method. Inspected trees
no bats observed

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0900 guided crew to east side through north entrance 0930 confirmed with Griffith, LACDPW, and veg removal crew re: location to store fallen euks 0945 crew began removing euks from east access road area, bat method applied when appropriate sized tree was removed. Storing fallen trees in staging area after being cleared by biologist. Broke for lunch at 1100

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

Resumed work 1145. Continued removal of euk trees. Approximately 40 trees removed this day, appx 25 using bat method. No bats observed.

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/28/2018 2:41 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 28, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Lauren Simpson, Torrey Rotellini

Start Time

07:00

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:00

End Temperature

65

End Cloud Cover

10

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy or nonnative plant material. Crew consisted of 8 workers and two foreman (Ron and Joe).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Bobcat, COHA, YRWA, RCKI, CASJ, BEWR, SOSP, ACWO, RTHA, AMKE

Topics to Cover on the Next Monitoring Day

Areas of focus. Continuing to remove LEPLAT from base to remove root material.

Log Entry #1

0645, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0700, weed removal, all removed material was hauled to onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0900, met with LACDPW, walked site and talked to crew.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1515, crew done removing plant material, conducted final sweep. Crew instructed to secure all dumpsters prior to leaving site.

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/28/2018 2:40 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 28, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson, Carley Lancaster, Torrey Rotellini

Start Time

07:00

Start Temperature

3

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:50

End Temperature

66

End Cloud Cover

5

End Wind Speed

0-2

Construction Activity and Personnel

Nature's image eucalyptus removal1. One Front Loader with mulching attachment2. Three Nature's Image Personnel

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, ANHU, MODO, BLPH, RTHA, WSCJ, NOMO, RCKL, YRWA

Topics to Cover on the Next Monitoring Day

None

Log Entry #1

0745, eucalyptus tree/bat habitat removal monitoring. No bats observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

[Handwritten Signature]

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 11/30/2018 2:32 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Nov 30, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:25

Start Temperature

49

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

07:37

End Temperature

67

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

Natures image restoration crew , about 25 people. Using hand tools, rakes.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ALWP, AMCO, CASJ, RCKI, RSHA

Topics to Cover on the Next Monitoring Day

Make sure new large trash bins come to replace full bins. Perhaps try and get natures image to get access to more bins.

Log Entry #1

0730. Conducted workers education program, met restoration crew. Discussed plan of action, conducted sweep of area to be cleared of nonnatives

Log Entry #1 - Photos taken?

No

Log Entry #2

1000, foreman (Ron) expressed concerns about not receiving a new trash bin for vegetation debris. New plan of action is to tarp up vegetation and bag it up near the trash bins for pick-up on Monday. Lunch at 11:00

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #3

1200 returned to work, vegetation clearing continued. 1230, possible sighting of yellow rumped warbler by worker. Not seen by biologist.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1315, crew stopped vegetation clearing, no space left in trash bins so crew will spend rest of day putting debris in trash bags and leave them by the bins. Initiated final sweep through work area to make sure it was clean of debris piles.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #4 Photo C



Log Entry #5

1412. Crew managed to fit all veg material in dumpster, no black bags needed. Crew finishing up for the day, gathering equipment. No more veg cleanup for day. Biologist left site at 1430.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "J. V. H." with a stylized flourish at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/03/2018 6:15 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 3, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson, Torrey Rotellini, Shannan Shaffer, Camilla Estes

Start Time

07:00

Start Temperature

49

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

15:10

End Temperature

67

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weed plant material. Crew consisted of 9 workers and one foreman (Ron Crawford). A second Nature's Image crew of 3 workers used chain saws to cut up removed eucalyptus trees on east side.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, YRWA, ACWO, CASJ, BEWR, AMKE, EUST, CALT, SPTO, SAPH, SOSP, AMCR, RSHA

Topics to Cover on the Next Monitoring Day

Areas of focus. LEPLAT removal methods.

Log Entry #1

0645, pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0700, removal of weedy plant material, all removed material disposed of at onsite dumpster, weeds removed included LEPLAT, CONMAC, RAPSAT, CHEALB, XANSTR, BRANIG

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

1200, gave 4 Psomas workers WEAP training. Crew was taking elevation measurements for restoration areas on west side.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1230, eucalyptus disposal.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1500, conducted final sweep.

Log Entry #5 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/04/2018 12:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 4, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Torrey Rotellini, Camilla Estes, Shannan Shaffer, Todd Chapman

Start Time

07:00

Start Temperature

47

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

03:10

End Temperature

65

End Cloud Cover

15

End Wind Speed

4-8

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 9 workers and 1 foreman (Ron Crawford). A second Nature's Image crew of 3 workers used a chipper to chip removed eucalyptus trees.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, BLPH, YRWA, CASJ, BEWR, CALT, NOMO, MODO, Fox squirrel, Ca ground squirrel, Bobcat, SCEOCC, SOSP, WCSP, RTHA, CAQU, SPTO

Topics to Cover on the Next Monitoring Day

Areas of focus.

Log Entry #1

0700, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0715, weed removal, all removed material disposed of at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0810, eucalyptus tree chipping, chipped material will be disposed of in dumpster or covered with a secured tarp prior to end of day.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1500, conducted final sweep, crew done with removal will be doing cleanup for remainder of day.

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/07/2018 1:04 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 7, 2018

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

47

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

13:45

End Temperature

67

End Cloud Cover

25

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy material. Crew consisted of 10 workers and three foreman (Victor Aguirre, Joe, and Haydee Johnson). A second crew of 7 workers used chainsaws and a chipper to break down removed eucalyptus trees. Both crews were instructed to minimize trackout and avoid driving on muddy roads.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BEWR, YRWA, CALT, SPTO, WBL, ACWO, AMCR, EUST, CASJ, SOSP, ANHU, Fox squirrel, SCEOCC

Topics to Cover on the Next Monitoring Day

Areas of focus.

Log Entry #1

0700, conducted pre-removal sweep, inspected access roads.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0730, weed removal on west side in DG-4 and DG-4A, all removed material disposed of at onsite dumpster. Provided WEAP training to dumpster truck drivers.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0845, eucalyptus tree removal on east side, all chipped material disposed of in onsite dumpster.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1345, conducted final sweep, crew done removing material will be doing cleanup for remainder of day. Reminded crew to close dumpsters.

Log Entry #4 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 3:26 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Carley Lancaster, Lauren Simpson, Greg Hampton, Camilla Estes

Start Time

06:45

Start Temperature

54

Start Cloud Cover

80

Start Wind Speed

0-1

End Time

15:30

End Temperature

66

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Natures Image conducting restoration in DG4 and DG4a. Hand removal. Material raked and disposed of in onsite dumpsters. Checked on eucalyptus trees. No SSS observed.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, mouse, black phoebe, great egret, barn owl, Bewick's wren, red-tailed hawk, California towhee, Anna's hummingbird, house finch, ruby-crowned kinglet

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715- pre-removal sweep. No SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0830- check on eucalyptus cutting and chipping. Chip pile covered with tarp, dumpster full. Crew cutting trees into smaller pieces.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0840- monitoring bulldozer grubbing of vegetation. Followed bulldozer around as they piled up vegetation.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1000- back monitoring Nature's Image. Crew removing and tarping vegetation. New dumpsters (empty) delivered. Lunch from 1100 to 1200.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1200- crew removing LepLat by hand and tarping. Taking tarped material back to dumpster.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #6


1440- crew conducting "detail work"; raking and hand pulling in areas they rough cleared earlier today.

Log Entry #6 - Were Photos taken?

Yes

Log Completed?

Yes

Signature







Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/11/2018 4:24 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 11, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton, Torrey Rotellini, Lauren Simpson, Adam DeLuna

Start Time

06:50

Start Temperature

47

Start Cloud Cover

40

Start Wind Speed

0-1

End Time

15:15

End Temperature

69

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image conducting restoration in DG4 and DG4a by hand pulling vegetation. 8 crew members led by foreman Ron.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

Yes

Please State What Non-compliance Issues Occurred:

Eucalyptus crew left a pile of chips uncovered.

Other Wildlife Species Observed

American crow, parrot, house finch, CA towhee, bushtit, ruby-crowned kinglet, black phoebe, western fence lizard, CA ground squirrel, scrub jay, rock pigeon, red-breasted sapsucker, red-tailed hawk, alligator lizard, Anna's hummingbird

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0710- conducted sweep of site. No SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0720- crew conducting hand pulling and raking of mostly LepLat. Conducting "detail work" where they left off yesterday afternoon and continuing handpulling to NW.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0850- checked on eucalyptus crew. Crew not present. One pile of eucalyptus chips was uncovered.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

0910- back with hand pulling crew. Crew handpulling and using hula-hoes to remove LepLat and ConMac, with XanStr mixed in. Surrounded by willows and eucalyptus. Crew took lunch from 11-12.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1110- LACDPW employee stopped by and said he hls here to take photos of the ongoing work I pointed him in the direction of the equipment working but said the restoration crew wine back around 12.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1200- the Nature's Image restoration crew is back from lunch and will be tarping the material they pulled this morning.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #7

1300- went to look for eucalyptus crew, but was unable to find them. Other monitors have not seen them today. Site is unchanged from this morning.

Log Entry #7 - Were Photos taken?

No

Log Entry #8

1315- back with restoration crew. Continuing to tarp material and taking it dumpster.

Log Entry #8 - Were Photos taken?

Yes

Log Completed?

Yes

Signature

Phoebe W. Murphy







Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/12/2018 3:11 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 12, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee , Greg Hampton , Torrey Rotellini , Lauren Simpson , Adam DeLuna

Start Time

06:50

Start Temperature

44

Start Cloud Cover

60

Start Wind Speed

0-1

End Time

15:10

End Temperature

64

End Cloud Cover

10

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image restoration crew hand pulling non-native plant species in DG4 and DG4a. No SSS observed. 8 crew members, Ron foreman.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

American crow, parrot, coyote (calling), CA towhee, western scrub jay, house finch, black phoebe, spotted towhee, white-crowned sparrow, Anna's hummingbird, ruby-crowned kinglet, yellow-rumped warbler,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0705- swept site prior to work. No SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0720- crew started restoration work through hand pulling, raking, and hoeing, non-native vegetation. Mainly LepLat and ConMac. Took lunch from 1100 to 1200.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1200- crew tarping vegetation they pulled this morning and dumping into dumpster.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #3 Photo C



Survey Completed?

Yes

Signature

Phyllis W. W. W.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/13/2018 3:38 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 13, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton, Torrey Rotellini, Adam Schroeder, Lauren Simpson

Start Time

06:45

Start Temperature

44

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:35

End Temperature

73

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image restoration crew conducting work in DG4 and DG4a. 9 crew members with Ron as foreman. No SSS observed.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

N/A

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

American crow, parrot, Western scrub jay, black phoebe, white-crowned sparrow, western kingbird, ruby-crowned kinglet, CA towhee, hermit thrush, Red-shouldered hawk, northern flicker

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700- conducted sweep of site. No SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0710- crew began hand pulling, raking, and hoeing non-native vegetation; predominantly LepLat and ConMac.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0830- checked to see if eucalyptus crew was here today. They are not.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

0900- back with NI restoration crew. Handpulling, raking, and hoeing continues.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1040- monitoring Griffith crew remove a small amount of vegetation and move the eucalyptus crew's debris from the inside of the sediment removal area to the outside to allow the exclusion fence to be installed. No SSS observed.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #6

1200- back with NI restoration crew. Raking and tarping material they removed this morning. Then taking material to dumpster.

Log Entry #6 - Were Photos taken?

Yes

Log Completed?

Yes

SignatureA handwritten signature in black ink, appearing to read "Ashley W. Smith".







Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/14/2018 5:01 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 14, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Camilla Estes , Greg Hampton , Torrey Rotellini , Adam Schroeder

Start Time

06:35

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

03:50

End Temperature

65

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image restoration crew- 9 crew members with Ron as foreman. Working in Areas DG4 and DG4a removing predominantly LepLat and ConMac by handpulling, raking, and hoeing.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Black phoebe, American crow, parrot, bushtit, great blue heron, CA towhee, western scrub jay, Northern mockingbird, red-shouldered hawk, western fence lizard, ruby-crowned kinglet, CA ground squirrel.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0705- swept site prior to work. No SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

0720- crew began work handpulling, raking, and hoeing non-native plants.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0845- checked to see if eucalyptus crew is here and they are not. One wood chip pile is still uncovered with rain potential on Monday. Called Carley to relay to NI supervisors about chip pile.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

0925- back with NI crew. Continuing hand pulling, raking, and hoeing of LepLat and ConMac. Took lunch from 1100 to 1200.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1200- NI restoration crew back and tarping and hauling non-native species, then placing in dumpster.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #6

1450- went over to eucalyptus to tarp chipped material for the weekend.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #7

1530- conducted final sweep of non-native species removal area. No SSS observed.

Log Entry #7 - Were Photos taken?

Yes

Log Completed?

Yes

Signature

Shirley W. W. W.







Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/17/2018 3:02 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 17, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson , Jerry Aguirre , Adam Schroeder , Wendy Turner , Carley Lancaster , Josh Corona-Bennet

Start Time

07:05

Start Temperature

52

Start Cloud Cover

40

Start Wind Speed

1-3

End Time

15:05

End Temperature

6

End Cloud Cover

80

End Wind Speed

1-3

Construction Activity and Personnel

Restoration monitoring, 19 laborers, hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, BLPH, HOFI, CASJ, RSHA, Alligator lizard, side blotches lizard, squirrel,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 participated in tailboard, conducting restoration monitoring. Crew is removing non-native vegetation. 0930 helped mark off be hive in area. 1100 lunch.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1130 back to non-native removal. Crew trapping up what they cleaned this morning, no more actual removal of non-natives. 1500 finished cleaning up veg material and dumping in bins, biologist left site 1505.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Prof. Phil" followed by a stylized flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/18/2018 3:10 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 18, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

Start Time

06:58

Start Temperature

49

Start Cloud Cover

30

Start Wind Speed

0-3

End Time

15:07

End Temperature

65

End Cloud Cover

75

End Wind Speed

1-4

Construction Activity and Personnel

Monitoring Natures Image crew hand pulling nonnatives. 18 crew members.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RSHA, AMCR, CALT, Parrots, ANHU, NOFL, BUSH, BEWR, HOFI, CASJ, YRWA, CATH, RCKI, BLPH, SOSP, RTHA, woodrat, ACWO, COHA, NUWO, CA ground squirrel, bobcat

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 met crew on site 0710 provided WEAP training to 3 new crew members. 0720 crew began hand pulling perennial pepperweed, fennel, poison hemlock and using rakes to gather pulled material. One detail person to remove passionflower vine and Himalayan blackberry. 1200 crew began bagging pulled material. Dumpster did not arrive as scheduled and some piles may be left on site. 1215 went to construction side to train 7 new Griffith employees 1330 returned to restoration, crew bagging pulled veg 1345 flagged some boundaries of mining out with yellow flagging. 1400 located and photographed water hydrant on site 1500 left crew for day.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/19/2018 2:20 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 19, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:27

Start Temperature

53

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:15

End Temperature

76

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

Restoration, crew of 12. Hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

RSHA, AMCO, CASJ, CAQU, HOFI, alligator lizard

Topics to Cover on the Next Monitoring Day

Trash pickup

Log Entry #1

0727, participated in crew tailboard meeting. Removing non native vegetation today. 0730 began vegetation removal. 1000 lunch.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1030 back to non-native removal. Crew picking up veg piles pulled from this morning. 1400 crew has no space in trash bins, no bin received today. Crew bagging up vegetative material and placing it near bins. Empty bins coming tomorrow.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, featuring a stylized, cursive script. The signature appears to be a name, possibly starting with 'J' or 'K', followed by several loops and a long horizontal stroke at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/20/2018 2:26 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 20, 2018

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

Start Time

07:13

Start Temperature

56

Start Cloud Cover

25

Start Wind Speed

1-3

End Time

14:25

End Temperature

78

End Cloud Cover

20

End Wind Speed

0

Construction Activity and Personnel

Restoration activities/non-native removal. Crew of 15, hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCO, wood rat, BLPH, HOFI, alligator lizard, RSHA

Log Entry #1

0715, participated in crew tailboard. Conducted WEEP training for one new worker. Began non-native removal. 0830 flagged off area containing poison oak. Relocated small wood rat further south of work area.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A

Log Entry #1 Photo B



Log Entry #2

1130 back from lunch, crew picking piles of non-native vegetation removed earlier today. Trash bin has been received so no expected delays. Conducted final sweep at 1415, biologist left site at 1425.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

W. A. L.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/26/2018 2:18 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 26, 2018

Monitor Name

Steven Wintergerst

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Alfredo Aguirre, Torrey Rotellini, Krissy Walker-Berry

Start Time

06:45

Start Temperature

44

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

14:00

End Temperature

64

End Cloud Cover

0

End Wind Speed

2-4

Construction Activity and Personnel

Restoration: hand-pulling weeds, removing vines from trees, raking, bagging, and filling dumpsters. Ron and crew of 15 from Natures Image.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Grey Squirrel, cottontail rabbit, coyote, european house sparrow, stellar Jay, california king snake, horned lizard

Topics to Cover on the Next Monitoring Day

Verify status of approval for sprayers. Likely will not yet be approved.

Log Entry #1

6:30 I arrived at meeting area; oak grove restrooms. I met Torrey and Alfredo. Torrey gave me the bio monitoring binder, and showed me restoration area.

Log Entry #1 - Photos taken?

No

Log Entry #2

6:45 Sweep of restoration area. All weeds bagged or in dumpster. No trash. Texted Lauren to let her know I had binder.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

7:00 Met Ron of Natures Image. Discussed schedule, mentioned old mine area, swept work location. Crew of 14 arrived and began pulling weeds.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

7:20 Crew pulling weeds.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

7:45 Checked with worker pulling vines from tree at south end of work area.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

8:30 Main crew crossed drainage to pull weeds on east side.

Log Entry #6 - Were Photos taken?

No

Log Entry #6 - Were Photos taken?

No

Log Entry #7

12:30 California king snake sighted by contractors. It moved away from work area.

Log Entry #7 - Were Photos taken?

No

Log Entry #8

2:00 Contractors wrapping up. They do not appear to need me for further weed pulling, and have not sighted any other wildlife. Checking out for day.

Log Entry #8 - Were Photos taken?

Yes

Log Entry #8 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping strokes.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/27/2018 2:31 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 27, 2018

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

Start Time

06:53

Start Temperature

45

Start Cloud Cover

60

Start Wind Speed

1-3

End Time

14:30

End Temperature

63

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

Restoration: weed /nonnative removal conducted by Nature's Image crew of 14

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

CALT, parrot sp., EUST, desert cottontail, AMCR, CSJA, NUWO, SOSP, BUSH, ANHU, NOFL, WREN, woodrat, BLPH, CORA, gull sp., YRWA, RCKI, ROPI, HOFI, LEWO, BGGN, BEWR

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0705 spoke with Nature's Image foreman Ron. He explained the plan for the day.

Log Entry #2

0710 Nature's Image crew of 14 began hand pulling nonnative plants. Started where they left off from yesterday.

Log Entry #3

1050 Ron said they would be taking lunch then resuming work with clean-up activities.

Log Entry #4

1155 Ron explained the plan for clean up and that he'd be leaving the site before the rest of the crew, at 14:30.

Log Entry #5

1415 Ron said he marked areas to be weeded tomorrow and that he was getting ready to leave.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'S. M. Ka' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/28/2018 2:23 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 28, 2018

Monitor Name

Krissy Walker-Berry

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee , Lauren Simpson , Camilla Estes

Start Time

06:40

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

3-5mph with 10-15mph gusts

End Time

14:25

End Temperature

61

End Cloud Cover

0

End Wind Speed

3-5mph with gusts up to 10mph

Construction Activity and Personnel

Nature's Image with 11 workers with Ron as foreman in DG-4 and DG-4a. Hand pulling non-native plants, predominantly LEPLAT and CONMAC.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Parrot, bushtit, California towhee, Bewick's wren, black phoebe, Common raven, song sparrow, common yellowthroat, Anna's hummingbird.

Log Entry #1

0705 swept site- no SSS observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0715- Crew started work hand pulling non-native species. No SSS observed. Lunch break at 1100.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

0805- Conducted new worker WEAP training as Haydee brought an additional worker. Foreman from eucalyptus crew joined hand pulling around 0845.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1200- Crew raking and tarping non-natives plants they pulled this morning. No SSS observed. Crew still working when I left.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A**Survey Completed?**

Yes

Signature

A handwritten signature in black ink, appearing to read "Haydee". The signature is written in a cursive, flowing style.

Memorandum: Impact Acreage Discrepancy Discovered During Clearing for the
Devil's Gate Reservoir Restoration Project



Memorandum

To: Ms. Veronica Mardis, Los Angeles County Public Works

From: Ms. Mari Quillman, ECORP Consulting, Inc.

Date: March 15, 2019

Subject: Impact Acreage Discrepancy Discovered During Clearing for the Devil's Gate
Reservoir Restoration Project

Cc: Mr. George De La O, Los Angeles County Public Works

The purpose of this memorandum is to provide the information requested by the U.S. Army Corps of Engineers (USACE) in the Notice of Non-Compliance (Corps File No. SPL-2014-00591; Devil's Gate Reservoir Sediment Removal and Management Project [Project]) dated February 15, 2019, which was received by the Los Angeles County Public Works (LACPW). The LACPW notified the USACE by telephone on December 21, 2018 regarding activities conducted in waters of the United States (WOUS) that were outside of the areas authorized in the permit (SPL-2014-00591-BLR). On January 29, 2019, the USACE received a memorandum (dated January 28, 2019) that described how the incident occurred and the estimated impacts to WOUS and associated vegetation. At the request of the USACE in the Notice of Non-Compliance, this memorandum responds to the USACE request for additional information in the order of the requests in the Notice of Non-Compliance.

Background

The memorandum provides a more detailed analysis of the impacts to WOUS and vegetation located outside the areas authorized in the permit. As stated in the previous memorandum describing the impacts (dated January 28, 2019), a discrepancy between the impacts authorized in the permit and the on-the-ground impacts was discovered during the clearing and grubbing for the Project. ECORP Consulting, Inc. (ECORP) prepared the original impact analysis maps and calculations that were submitted in support of obtaining the Project permits, including the Streambed Alteration Agreement (SAA) (1600-2015-0263-R5), the Incidental Take Permit (2081-2016-031-05), the Section 401 Water Quality Certification (File No. 15-053), and the Section 404 Permit (SPL-2014-00591-BLR). The boundary of the Project impacts that was used for the calculations and mapping in the permit applications (limits of grading) was provided to ECORP by LACPW. The discrepancy between the calculations and maps submitted to the Resources Agencies (USACE, California Department of Fish and Wildlife [CDFW], and Regional Water Quality Control Board [RWQCB]) during the permitting process for the Project and the boundary that was used for the clearing and grubbing is described in this memorandum.

Section 1 – Analysis of Unauthorized Impacts

Impact Analysis Mapping

ECORP prepared figures showing the limits of grading boundary or upper contour line used by ECORP during the monitoring and the limits of clearing and grubbing boundary used by the Contractor. The patterns on the figures correspond to the following:

- **Vegetation Removal per Design Plans (Orange Hatch Pattern)** – This area is located between ECORP's limits of grading boundary and the Contractor's limits of clearing and grubbing boundary and constitutes the area where the impacts have occurred and are unaccounted for in the Project permits.

- **Future Potential Vegetation Removal per Design Plans (Green Hatch Pattern)** – This area is located around the perimeter of the upstream temporary impact area and between ECORP's limits of grading boundary and the Contractor's limits of clearing and grubbing boundary. These areas may be subject to future impacts.
- **Previously Calculated Impacts (Blue Dotted Pattern)** – This is the area included within both ECORP's and the Contractor's boundaries and constitutes the areas that were included in the previously calculated impact acreages and the Project permits.
- **Additional Vegetation Removed (Yellow Dotted Pattern)** – This area is the area that was cleared outside of the Contractor's limits of clearing and grubbing boundary and are unaccounted for in the Project permits.

Figure 1 in Attachment 1 shows the entire Project area, the areas where the impacts occurred outside of the areas approved in the permit, the areas where future impacts may occur, and the locations of waters of the U.S. within the Project area. The differences between ECORP's limits of grading boundary and the Contractor's limits of clearing and grubbing boundary are shown in the orange and green hatched color patterns mentioned above. The discrepancies between the two boundaries are minor around most of the Initial Sediment Removal Area (ISRA) with the largest discrepancy occurring where the eastern access road intersects the area around the West Altadena Drain. The area shown in the yellow dotted pattern is where the clearing contractor cleared the vegetation outside of the clearing and grubbing limits.

Figure 2 (also in Attachment 1) includes an overview map of the locations of 59 separate map sheets showing the polygons where the impacts have either occurred outside of the areas approved in the permit or are expected to occur when the upstream temporary impact areas are cleared. Figure 2 also includes the 59 map sheets. The small size of most of the impact areas are only visible on the enlarged map sheets of the perimeter of the reservoir. The enlargement of the polygons allows the impacted vegetation communities and the impacts to wetlands and non-wetland WOUS to be visible on the map sheets. Each of the polygons shown on the map sheets has been given a unique polygon identification number (1 through 43) and the total acreage within each numbered polygon is shown under the polygon ID numbers.

The total acreage of potential impacts located outside of the areas authorized by the permit is 2.87 acres. This includes approximately 2.22 acres that have already been cleared and approximately 0.65 acres that may be subject to impact when the upstream temporary impact areas are cleared in the future.

Section 2 – Status of Sediment Removal Project

The vegetation removal phase of the Project extended from November 28, 2018 through January 30, 2019. The authorized activities during the period between January 30 and April 15, 2019 includes construction of the east and west side access roads. Sediment removal activities have not yet occurred at the Project site as the sediment removal phase of the Project won't be initiated until April 16, 2019.

Section 3 – Before and After Photographs of Impacts at West Altadena Drain

The Biological Monitor took before and after photographs of the area around the West Altadena Drain on the December 10, 2018, which was the day the vegetation removal occurred. However, the photographs taken on that day were not from the same location or direction. At the request of the USACE, ECORP took additional photographs of the after condition at the West Altadena Drain from the same locations and directions as the before photographs. The new after photographs were taken on February 25, 2019, which was after multiple large storms created flows that scoured the area around the West Altadena Drain. The photographs are included as Attachment 2 to this memorandum. Photographs 1 and 2 show the vicinity of the West Altadena Drain looking south towards Devil's Gate Dam and photographs 3 and 4 show a close-up of the West Altadena Drain looking northwest.

Section 4 – Biological Monitoring Sheets – Compliance with ESA Measures

Attachment 3 includes the daily monitoring logs recorded by the four Biological Monitors who were on site on the day the impacts occurred outside of the areas authorized by the permit. The impacts occurred on December 10,

2018, which is during the season when the endangered least Bell's vireo is not present in southern California. Least Bell's vireo was not observed on December 10, 2018 or on any of the other days when vegetation removal was occurring (November 28, 2018 - January 30, 2019).

Section 5 – Schedule of the Recorded Work

Table 1 provides a schedule of the monitoring that occurred on December 10, 2018 when the vegetation was removed from around the West Altadena Drain and the discrepancy in the boundaries was discovered.

Table 1 – Schedule of Monitoring on December 10, 2018

Time	Activity
0700	ECORP Biological Monitors met with vegetation removal contractor (J.V. Landclearing Company) to attend tailboard meeting and discuss clearing plans for the day.
0705	ECORP Biological Monitors were assigned to equipment operators and dispersed to work areas for the day.
0710	ECORP Biological Monitor assigned to West Altadena Drain area conducted a pre-clearing sweep of proposed work area.
0745	ECORP Biological Monitor assigned to West Altadena Drain area noticed that the location where the vegetation removal contractor was planning to work near the West Altadena Drain was outside of the limits of grading boundary that ECORP had programmed into the Collector App on iPads.
0750	ECORP Biological Monitor assigned to West Altadena Drain area called the ECORP Lead Biological Monitor to report the discrepancy.
0755	ECORP Lead Biological Monitor called LACPW Inspector to request clarification on boundary discrepancy. LACPW Inspector stated that they, along with the LACPW Survey team, would go to the West Altadena Drain area to talk to the ECORP Biological Monitor and investigate the discrepancy.
0800	ECORP Lead Biological Monitor told the ECORP Biological Monitor assigned to the West Altadena Drain area that the LACPW Inspector and Survey crew were on their way and instructed the Monitor to instruct the vegetation removal contractor to wait to begin any vegetation clearing until after LACPW arrived to clarify.
0830	LACPW Inspector and Survey crew arrived at the West Altadena Drain area to review the boundary discrepancy. The surveyors checked the boundary and determined that ECORP's limits of grading boundary was not the boundary in the contract design plans. The surveyors verified that the contractor's boundary was the approved clearing and grubbing limit line in the contract.
0845	After reviewing the boundary discrepancy with LADPW and determining that the LACPW staked boundary was the appropriate boundary, the ECORP Biological Monitor gave the go-ahead to the vegetation removal contractor to begin vegetation removal in the West Altadena Drain area. There was a miscommunication between the surveyors, the Biological Monitor, and the vegetation removal contractor regarding the offset in the boundary, and as a result, approximately 0.1 acre of additional habitat at the West Altadena Drain was cleared outside of the limits of clearing and grubbing in the design plans. The discovery that the approximately 0.1 acre of additional habitat was not within the approved clearing area took place the following week and was not discovered at the time of the clearing.
0845 – 1450	ECORP Biological Monitor monitored the removal of vegetation in the West Altadena Drain area until approximately 1450 when vegetation removal in the area was completed for the day.

Section 6 – Overlap of Nonnative Vegetation Areas with Waters of the United States

Table 2 lists the impacts to all native and nonnative vegetation communities, wetlands, and non-wetland WOUS that have already occurred and those that will potentially occur in the future in each of the polygons shown on the

map sheets in Figure 2. The acreages in Table 2 include four decimal points to the right to capture the acreage in the very small polygons. Table 3 lists the impacts to wetlands and non-wetland WOUS that have already occurred outside of the areas authorized in the permit and the acreages of areas subject to future impacts when the upstream temporary impact area is cleared. Approximately 0.3071 acre of wetlands and 0.4471 acre of non-wetland WOUS have already been impacted by the vegetation clearing. Approximately 0.3808 acre of non-wetland WOUS are subject to potential future impacts. The total acreage of wetlands that could be impacted is 0.8279 acre and non-wetland WOUS is 0.3071 for a total of 1.1350 acres of WOUS. As stated previously, the impacts that have already occurred outside the areas authorized by the permit includes 0.3071 acre of wetlands and 0.4471 acre of non-wetland WOUS.

Table 2 - Impacts to WOUS and Vegetation Communities Outside of Areas Authorized in the Permit

WOUS	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21*	22*
Non-Wetland WOUS	0.0081		0.1965									0.0009		0.0027	0.0286	0.0412					0.2883	0.0925
Wetlands	0.0034		0.1034									0.089	0.1014	0.0099								
TOTAL	0.0115	0	0.2999	0	0	0	0	0	0	0	0	0.0899	0.1014	0.0126	0.0286	0.0412	0	0	0		0.2883	0.0925
Vegetation Community	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21*	22*
Salix gooddingii Woodland Alliance	0.0000																					
Salix gooddingii Woodland Alliance - Sparse																0.0144						
Salix gooddingii Woodland Alliance - 20% Lepidium latifolium/Xanthium strumarium Understory			0.2092									0.1026	0.1004	0.0176								
Salix gooddingii Woodland Alliance - 30% Lepidium latifolium/Xanthium strumarium Understory																						0.0000
Baccharis salicifolia Shrubland Alliance - No Understory																					0.0216	0.0806
Baccharis salicifolia Shrubland Alliance - 20% Conium maculatum/Lepidium latifolium Understory																0.0743	0.0200	0.0061				
Baccharis salicifolia Shrubland Alliance - 30% Conium maculatum/Lepidium latifolium Understory																						
Baccharis salicifolia Shrubland Alliance - 40% Conium maculatum/Lepidium latifolium Understory														0.0094	0.0427	0.0118						
Total Riparian	0.0000	0.0000	0.2092	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.1026	0.1004	0.0270	0.0427	0.1005	0.0200	0.0061	0.0000	0.0000	0.0216	0.0806
Lepidospartum squamatum Shrubland Alliance - Sparse																					0.2535	0.0600
Lepidospartum squamatum Shrubland Alliance																		0.0223	0.0249	0.0408	0.1893	
Total Floodplain	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0223	0.0249	0.0408	0.4428	0.0600
Artemisia californica - Eriogonum fasciculatum Shrubland Alliance - 20% Lepidium latifolium Understory																					0.0419	
Artemisia californica - Eriogonum fasciculatum Shrubland Alliance - 30% Lepidium latifolium Understory																						0.0000
Quercus agrifolia Alliance	0.0006								0.0030	0.0000	0.0039	0.0081										
Total Upland	0.0006	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0030	0.0000	0.0039	0.0081	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0419	0.0000
Brassica nigra and other mustards Herbaceous Semi-Natural Alliance																	0.0043	0.0010				
Conium maculatum Herbaceous Semi-Natural Alliance - 30% Lepidium latifolium														0.0539	0.0091							
Lepidium latifolium - Conium maculatum Herbaceous Semi-Natural Alliance																						
Xanthium strumarium Herbaceous Alliance (Unofficial Alliance)																						
Disturbed (Barren/Trails/IMP Area)								0.0534									0.0312	0.0301				
Scoured Channel	0.0119	0.0206	0.5727	0.0016	0.0007	0.0006	0.0006		0.0057			0.0620	0.0011	0.0144				0.0312	0.0301			
Total Nonnative/Other	0.0119	0.0206	0.5727	0.0016	0.0007	0.0006	0.0006	0.0534	0.0057	0.0000	0.0000	0.0620	0.0011	0.0683	0.0091	0.0000	0.0355	0.0311	0.0000	0.0000	0.0000	0.0000
GRAND TOTAL	0.0125	0.0206	0.7819	0.0016	0.0007	0.0006	0.0006	0.0534	0.0087	0.0000	0.0039	0.1727	0.1015	0.0953	0.0518	0.1005	0.0555	0.0595	0.0249	0.0408	0.5063	0.1406

*Future Impacts in Temporary Impact Areas

Table 2 - Impacts to WOUS and Vegetation Communities Outside of Areas Authorized in the Permit

Polygon ID Number																						
WOUS	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	Total
Non-Wetland WOUS	0.0076	0.0161	0.0133	0.0367	0.0125			0.0109	0.0003	0.0127	0.0009	0	0.002					0	0	0.0003	0.0558	0.8279
Wetlands																						0.3071
TOTAL	0.0076	0.0161	0.0133	0.0367	0.0125	0.0000	0.0000	0.0109	0.0003	0.0127	0.0009	0.0000	0.0020	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0003	0.0558	1.1350
Vegetation Community																						
	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	Total
Salix gooddingii Woodland Alliance													0.0000	0.0132	0.0016	0.0052					0.0494	0.0694
Salix gooddingii Woodland Alliance - Sparse																						0.0144
Salix gooddingii Woodland Alliance - 20% Lepidium latifolium/Xanthium strumarium Understory							0.0000	0.0035	0.0025	0.0117	0.0009	0.0000	0.0021			0.0000	0.0013	0.0041	0.0000			0.4559
Salix gooddingii Woodland Alliance- 30% Lepidium latifolium/Xanthium strumarium Understory	0.0047	0.0305	0.0334	0.0743	0.0554	0.0000	0.0295															0.2278
Baccharis salicifolia Shrubland Alliance - No Understory	0.0090					0.0163																0.1275
Baccharis salicifolia Shrubland Alliance - 20% Conium maculatum/Lepidium latifolium Understory																						0.1004
Baccharis salicifolia Shrubland Alliance - 30% Conium maculatum/Lepidium latifolium Understory			0.0000	0.0200																		0.0200
Baccharis salicifolia Shrubland Alliance - 40% Conium maculatum/Lepidium latifolium Understory				0.0000	0.0534	0.0000	0.0473															0.1646
Total Riparian	0.0137	0.0305	0.0334	0.0943	0.1088	0.0163	0.0768	0.0035	0.0025	0.0117	0.0009	0.0000	0.0021	0.0132	0.0016	0.0052	0.0013	0.0041	0.0000	0.0000	0.0494	1.1800
Lepidospartum squamatum Shrubland Alliance Sparse																						0.3135
Lepidospartum squamatum Shrubland Alliance																						0.2773
Total Floodplain	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.5908
Artemisia californica - Eriogonum fasciculatum Shrubland Alliance - 20% Lepidium latifolium Understory																						0.0419
Artemisia californica - Eriogonum fasciculatum Shrubland Alliance - 30% Lepidium latifolium Understory	0.0231																					0.0231
Quercus agrifolia Alliance																						0.0156
Total Upland	0.0231	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0806
Brassica nigra and other mustards Herbaceous Semi-Natural Alliance																						0.0053
Conium maculatum Herbaceous Semi-Natural Alliance - 30% Lepidium latifolium	0.0000	0.0262	0.0016																			0.0908
Lepidium latifolium - Conium maculatum Herbaceous Semi-Natural Alliance						0.0000	0.0522	0.0445	0.0050													0.1017
Xanthium strumarium Herbaceous Alliance (Unofficial Alliance)										0.0028	0.0000	0.0000	0.0003						0.0000	0.0005		0.0036
Disturbed (Barren/Trails/IMP Area)															0.0000	0.0015						0.1162
Scoured Channel																					0.0079	0.6998
Total Nonnative/Other	0.0000	0.0262	0.0016	0.0000	0.0000	0.0000	0.0522	0.0445	0.0050	0.0028	0.0000	0.0000	0.0003	0.0000	0.0000	0.0015	0.0000	0.0000	0.0000	0.0005	0.0079	1.0174
GRAND TOTAL	0.0368	0.0567	0.0350	0.0943	0.1088	0.0163	0.1290	0.0480	0.0075	0.0145	0.0009	0.0000	0.0024	0.0132	0.0016	0.0067	0.0013	0.0041	0.0000	0.0005	0.0573	2.8688

*Future Impacts in Temporary Impact Areas

Table 3 – Impacts to USACE Jurisdictional Areas

Waters of the U.S.	Impacted Areas	Future Impacts	Total
Non-wetland WOUS	0.4471	0.3808	0.8279
Wetlands	0.3071	0.0000	0.3071
TOTAL	0.7542	0.3808	1.1350

Table 4 summarizes the impacts that have already occurred where nonnative vegetation areas overlap with WOUS. Approximately 0.0097 acre of wetlands impacted outside of the areas authorized by the permit were either in disturbed areas or supported nonnative plant communities. Approximately 0.1377 acre of non-wetlands WOUS have been impacted outside of the areas authorized by the permit and were either in disturbed areas or supported nonnative plant communities. Table 4 also includes the overlap between WOUS and the heavily disturbed riparian communities (*Salix gooddingii* Woodland Alliance and *Baccharis salicifolia* Shrubland Alliance) that include an infestation of 20 to 40 percent of nonnative and invasive plants (*Lepidium latifolium*, *Xanthium strumarium*, and *Conium maculatum*). Approximately 0.2977 acre of wetlands and 0.2419 acre of non-wetland WOUS have been impacted outside of the areas authorized by the permit supported disturbed riparian habitats. None of the 0.3803 acre of wetlands and non-wetland WOUS located in the areas that may be affected by future clearing support areas with nonnative plant species.

Table 4 – Current Impacts to Overlap of Disturbed/Nonnative Vegetation with WOUS

WOUS	Nonnative/Disturbed	Riparian (20 – 40% Nonnatives)	Total
Wetlands	0.0097	0.2977	0.3074
Non-Wetland WOUS	0.1377	0.2419	0.3796
TOTAL	0.1474	0.5396	0.6870

Section 7 – Habitat Mitigation and Monitoring Plan (HMMP) Revisions

LACPW will work closely with the ACOE to revise necessary components of the HMMP to reflect the impacts of the unauthorized clearing. LACPW will solicit guidance from the ACOE as to the text, maps, and tables that will need to be revised in the HMMP. Approximately 1.21 acres of impacts have occurred to seven of the mitigation areas described in the HMMP. Approximately 0.26 acre of impacts in the upstream portion of the Project area have not yet occurred because the temporary impact areas have not yet been cleared. Table 5 lists the impacts that have occurred and those that will potentially occur in the future in the mitigation areas.

Table 5 – Impacts to Mitigation Areas

Mitigation Area	Impacts at West Altadena Drain	Impacted Areas Around Perimeter	Impacts Outside of Limit of Clearing and Grubbing	Total Impacted Areas	Future Impacts Around Perimeter
DG-1	0.00	0.09	0.00	0.09	0.18
DG-1 WOUS	0.00	0.00	0.00	0.00	0.08
DG-2	0.00	0.26	0.00	0.26	0.00
DG-3A	0.17	0.03	0.10	0.30	0.00
DG-4	0.00	0.37	0.00	0.37	0.00
DG-4 Drainage	0.00	<0.00	0.00	< 0.00	0.00
DG-4 WOUS	0.00	0.06	0.00	0.06	0.00
DG-4A	0.00	0.12	0.00	0.12	0.00
TOTAL	0.17	0.95	0.10	1.21	0.26

Section 8 – Compensatory Mitigation Proposal

The ACOE requests sufficient compensatory mitigation to offset the impacts and temporal loss that will be associated with the unauthorized impacts. LACPW is currently evaluating the potential areas where compensatory mitigation can be accomplished. Preliminary plans for the temporary impacts to WOUS located outside of the areas authorized by the permit have been developed and are described below. Determination of additional compensatory mitigation for permanent impacts is in process and a proposal will be developed in coordination with the ACOE. LACPW is currently looking at other potential mitigation options in Arroyo Seco and will consider offsite options if suitable areas cannot be found onsite or in nearby areas in Arroyo Seco. Table 6 lists the acres of wetlands and non-wetland WOUS that have already been impacted outside of the areas authorized by the permit. The table also lists the acreages of wetlands and non-wetland WOUS that may be impacted in the future when the temporary impact areas are cleared.

Table 6 – Current and Future Impacts to USACE Jurisdictional Areas

Waters of the U.S.	South of East Access Road	North of East Access Road	Outside Limit of Clearing and Grubbing	Impacted Around Perimeter	Total	Future Impacts Around Perimeter
Non-wetland WOUS	0.20	<0.01	0.00	0.25	0.46	0.38
Wetlands	0.10	0.09	0.10	0.02	0.31	0.00
TOTAL	0.30	0.09+	0.10	0.27	0.76	0.38
Impact Type	Permanent	Temporary	Temporary	Permanent or Temporary		Temporary

LACPW has actively been investigating the impacted areas in DG-3A (includes the area north of the east access road and the area outside of the clearing limits) following the heavy rains and substantial erosion that occurred during the winter of 2018/2019. The approximately 0.16-acre portion of DG-3A that includes the area described as "North of the East Access Road" cannot be reconfigured until the end of the sediment removal when the construction of the final configuration of the access road has been completed. The goal for this area will be to re-establish the same acreages of wetlands (0.09 acre) and non-wetland WOUS (<0.01) that were impacted by the clearing and to plant wetland plant species nearest to the outlet of the West Altadena Drain with willows and mulefat surrounding the wetlands. Oaks may also be planted in appropriate areas at the base of the slope on the east side of this area. The West Altadena Drain will continue to function as a wetland throughout the sediment removal period because water will be conveyed from the surrounding neighborhood. However, the vegetation will not be re-established until the end of the sediment removal period.

The 0.10-acre wetland area located "Outside of the Clearing Limits" was heavily impacted by the high flows during January and February 2019. The goal for this area will be to re-establish the same acreage of wetlands and riparian vegetation (willows and mulefat) that was present prior to the clearing. This area is within Mitigation Area DG-3A and immediately adjacent to the West Altadena Drain. A portion of the area will need to be repaired by smoothing out vertical slopes following the end of the rainy season to prepare the area for planting. The loss of this area will be temporary because the plan is to re-establish the wetlands and to plant the riparian vegetation in the Fall of 2019.

The 0.78-acre area described as "South of the East Access Road" also cannot be reconfigured until the end of the sediment removal period. The 0.10 acre of wetlands and 0.20 acre of non-wetland WOUS in this area will be permanently lost because the connection to the drainage at the West Altadena Drain will be cutoff by the access road. After the final configuration of the access road is completed, this area will become a sloped upland that will be restored with coastal sage scrub, oaks, and sycamores.

The 1.81 acres of areas impacted around the perimeter of the reservoir included 0.02 acre of wetlands and 0.63 acre of non-wetland WOUS. The assumption at this point is that the WOUS will be permanently impacted in some areas because the thin strip that was impacted around the perimeter will be located above the top of the side slopes when the sediment removal project is completed. However, LACPW is currently evaluating how these areas might be incorporated into the plans for reestablishing wetlands and non-wetland WOUS in the mitigation areas. Potentially, some of the areas may only be temporarily impacted. The plan for these areas is to replant them with native vegetation appropriate for the various locations (riparian, RAFSS, CSS, or oaks) around the perimeter of the reservoir. The restoration of the habitats in these areas will be conducted at the end of the sediment removal period after the Contractor has completed the construction of the final configurations of the side slopes.

LACPW recently met with Mr. Steve Gibson at CDFW to identify areas that will provide compensatory mitigation for impacts to CDFW jurisdiction that weren't accounted for in the SAA. Table 7 lists the areas where LACPW has proposed to CDFW to replace the habitats impacted in areas outside of what was authorized in the SAA. The compensatory mitigation that has been discussed with CDFW includes restoration of the same native habitats or restoration with better habitats in the areas North of the East Access Road, Outside of the Clearing Limits, and around the Perimeter of the Reservoir. The riparian habitat in the area located South of the East Access Road will be permanently impacted but the entire 0.78-acre area will be restored with coastal sage scrub and oak and sycamore trees. CDFW has also requested additional habitat restoration on the east side of the eastern perimeter trail. LACPW has provided CDFW with a preliminary location of compensatory mitigation. CDFW reviewed the proposal and provided comments with an additional area identified for mitigation. LACPW is currently working with the City of Pasadena (City) to get approval to conduct compensatory mitigation east of the east side perimeter trail. The actual acreage of the areas where restoration will occur will be determined and addressed in an amendment to the SAA. Restoration in these areas may begin as soon as March or April 2019 if approval is quickly received by both the City and CDFW. If approvals are delayed, then restoration of these areas will be conducted in the Fall of 2019.

Table 7 – CDFW Mitigation Type and Schedule*

Impacted Area	Acreage*	Mitigation/Habitat Type	Habitat Type	Schedule
South of East Access Road (Polygon ID 3 – Map Sheets 4, 5, and 6)	0.78	Out-of-Kind Restoration	CSS, Oak and Sycamore Woodland	End of Sediment Removal
North of East Access Road (DG-3A) (Polygon ID 12 and 14 – Map Sheets 6, 7, and 8)	0.16	In-Kind Restoration	Mulefat, Willow, Wetlands, Oak Woodland	End of Sediment Removal
Outside Clearing Limits (DG-3A) (Polygon ID 13 – Map Sheets 7 and 8)	0.10	In-Kind Restoration	Mulefat, Willow, Wetlands	Fall 2019
Impacted Perimeter (Polygons 1,2, 4 – 11, 15 – 20, 23 - 43)	1.18	In-Kind Restoration with Lift**	Mulefat, Willow, CSS, RAFSS	End of Sediment Removal
Future Impacts to Perimeter (Polygons 21-22)	0.65	In-Kind Restoration with Lift**	RAFSS, mulefat, CSS	End of Sediment Removal
East side - East of Perimeter Trail	TBD	In-Kind Restoration with Lift*	Oak and Sycamore Woodland	Spring and Fall 2019
TOTAL	>2.87			

*Acreages rounded to two decimal points

**Lift indicates habitat improvement by replacing nonnatives with native plants

Section 9 – U.S. Fish and Wildlife Comments

The USFWS requested a schedule and contact information for the biological monitors that will be present during the breeding season so that USFWS can coordinate directly on the status of construction activities relative to anticipated conservation measures. Attachment 4 includes the anticipated schedule for least Bell's vireo surveys and the contact information for the least Bell's vireo Designated Biologists that have been approved by the USFWS. The actual assignment of the Designated Biologists to each survey date will be completed as the Project progresses because the survey dates and assignments may change depending upon the results of the surveys. LACPW will provide a schedule just prior to the initiation of sediment removal and will provide periodic updates during the sediment removal period.

The USFWS asked for clarification as to how the addition of the 2.87 acres to the project footprint affects the sediment volume and associated construction time frame. The impacts to the 2.87 acres between the boundary of the final configuration of the permanent maintenance area and the clearing and grubbing limits will result in no change to the sediment volume removed or the construction timeframe. The 2.87 acres of additional impacts around the perimeter of the reservoir only encompass areas where vegetation needed to be cleared so the Contractor can accomplish the construction of the access roads and side slopes and so they can establish the perimeter fencing.

The USFWS asked for an addendum to the HMMP that specifies any changes to restoration within mitigation areas that were impacted by the additional clearing, including changes in hydrology associated with changes in the project footprint (i.e. if additional sediment removal will occur within the larger footprint). As previously stated in Section 7 of this memorandum, LACPW will work with the ACOE to get the necessary sections, including text, maps, and tables revised to address the impacts of the unauthorized clearing. LACPW does not anticipate any changes to the hydrology because the final configuration of the Permanent Maintenance Area is the same as what was previously addressed in the HMMP. The larger footprint will not result in a change to the volume of sediment removed from the reservoir.

The USFWS requests a mitigation proposal to offset unanticipated impacts to biological resources within the reservoir. As stated in Section 8 of this memorandum, LACPW will provide a complete compensatory mitigation proposal to the ACOE. LACPW is currently evaluating areas where additional compensatory mitigation can

occur. The USFWS states the change in the Project footprint does not change conclusion of their consultation, but wildlife within the additional 2.87 acres of impacts were impacted. However, since the temporary impact areas in the upstream portion of the Project have not yet been cleared, the actual acreage of impacts that has occurred is 2.22 acres. The USFWS also states that the loss of resources will occur for a period of 5 years or more, until the additional impact areas are restored. The USFWS is recommending that the ACOE include special conditions in the 404-permit requiring a 5:1 mitigation ratio for impacts outside of the authorized footprint. As stated in Section 8 of this memorandum, LACPW will work closely with the ACOE to come up with a compensatory mitigation proposal to address the unauthorized impacts.

Conclusion





LACPW is committed to working amicably with the ACOE to resolve the impacts outside of the areas approved in the permit and to agree on the required compensatory mitigation. As stated above, LACPW is actively pursuing compensatory mitigation options and working with the City to not only address impacts to WOUS but also to address impacts to CDFW jurisdictional areas. LACPW will also work closely with the ACOE to identify the necessary components of the HMMP that will need to be modified to address impacts to mitigation areas and to incorporate additional mitigation areas. LACPW will also provide the updated monitoring schedule that will include the assignments of Designated Biologists to the survey dates when the actual start date of Project implementation has been determined. LACPW appreciates the opportunity to provide the ACOE with the requested information to address the Notice of Non-Compliance. If any questions arise regarding the contents of this memorandum, please contact Mari Quillman at (714) 648-0630.

ATTACHMENT 1 – MAPS SHOWING LOCATIONS OF IMPACTS





Figure 1.
Vegetation Clearing and the
Initial Sediment Removal Area

Map Features

-  Vegetation Removal Area per Design Plans
-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Additional Vegetation Removed

Waters of the U.S.

-  Non-wetland Waters of the U.S.
-  Wetland Waters of the U.S.





Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



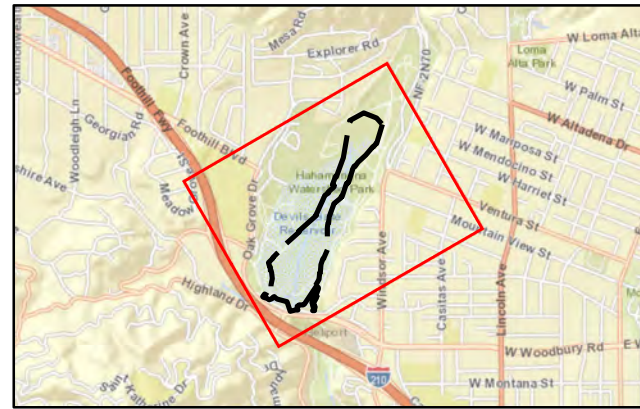


Figure 1.
Vegetation Clearing and the
Initial Sediment Removal Area

Map Features

-  Vegetation Removal Area per Design Plans
-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Additional Vegetation Removed

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldry 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 1 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.
- Wetland Waters of the U.S.

Vegetation Name

- Disturbed
- Quercus agrifolia Woodland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community





Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 2 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Disturbed

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

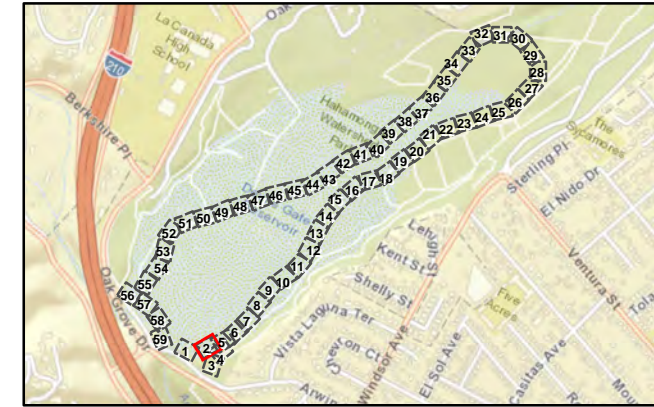




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 3 of 59

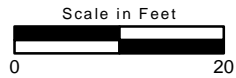
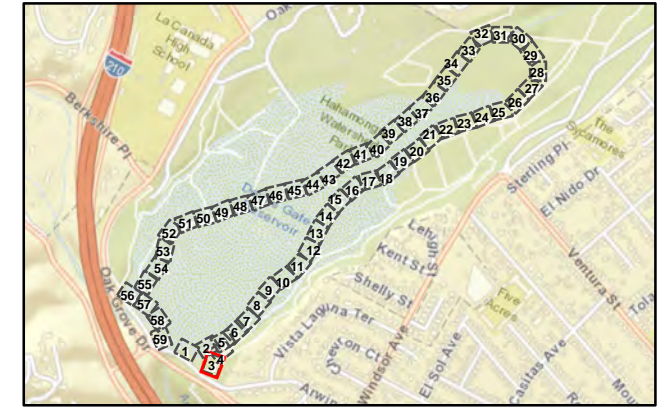
Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Disturbed

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\MapDocs_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldrx 3/13/2019

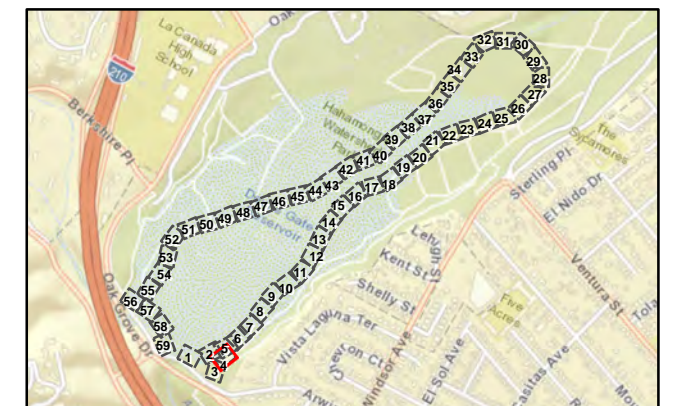


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 4 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line
- Vegetation Name**
- Disturbed
- Quercus agrifolia Woodland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



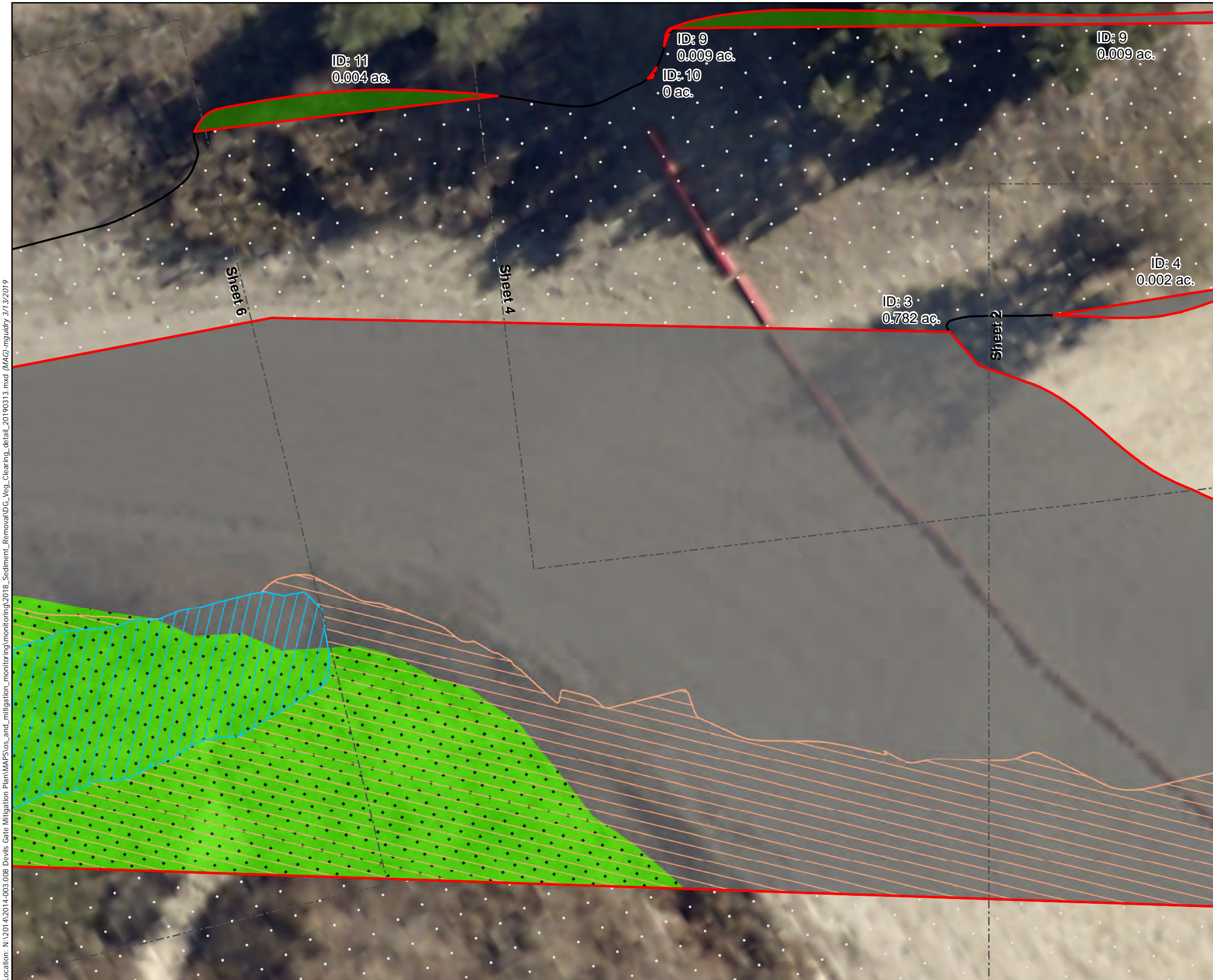


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 5 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

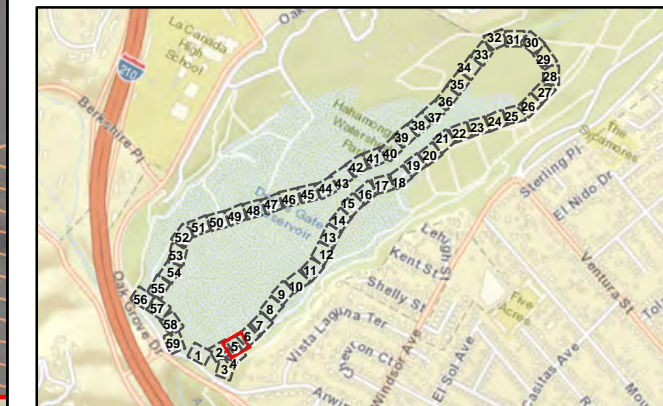
Waters of the U.S.

- Non-wetland Waters of the U.S.
- Wetland Waters of the U.S.

Vegetation Name

- Disturbed
- Quercus agrifolia Woodland Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldry 3/13/2019

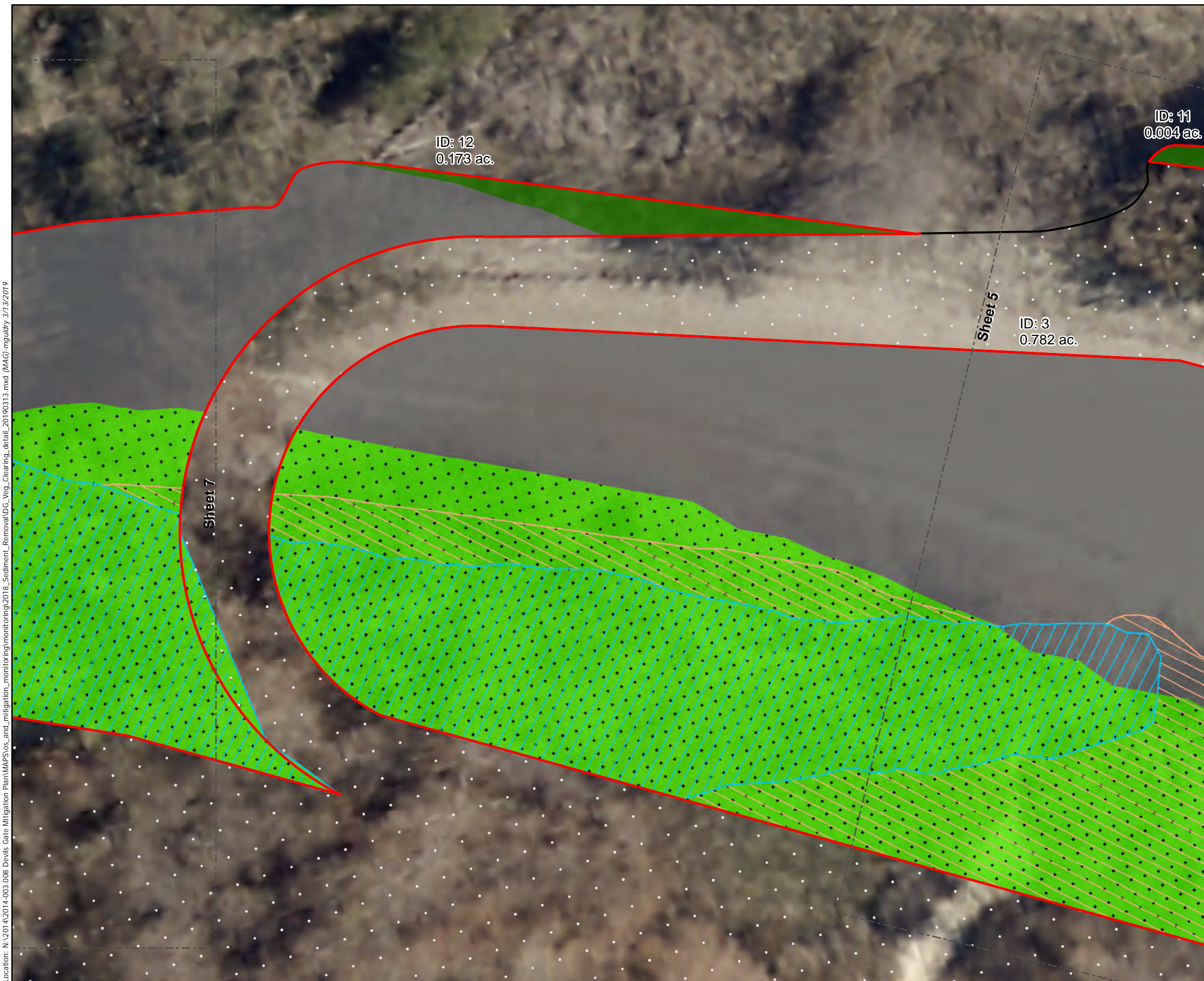


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 6 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

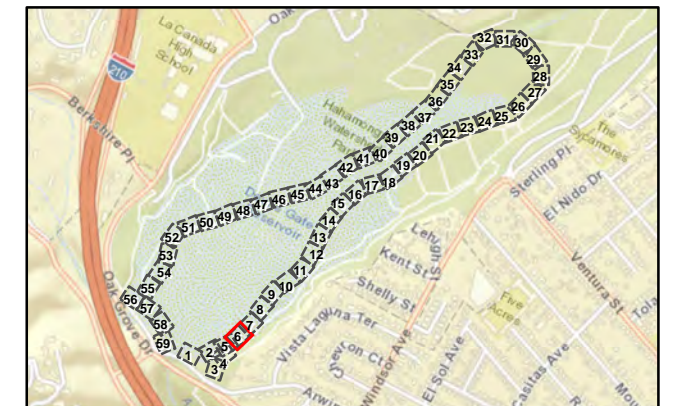
Waters of the U.S.

- Non-wetland Waters of the U.S.
- Wetland Waters of the U.S.

Vegetation Name









- Disturbed
- Quercus agrifolia Woodland Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

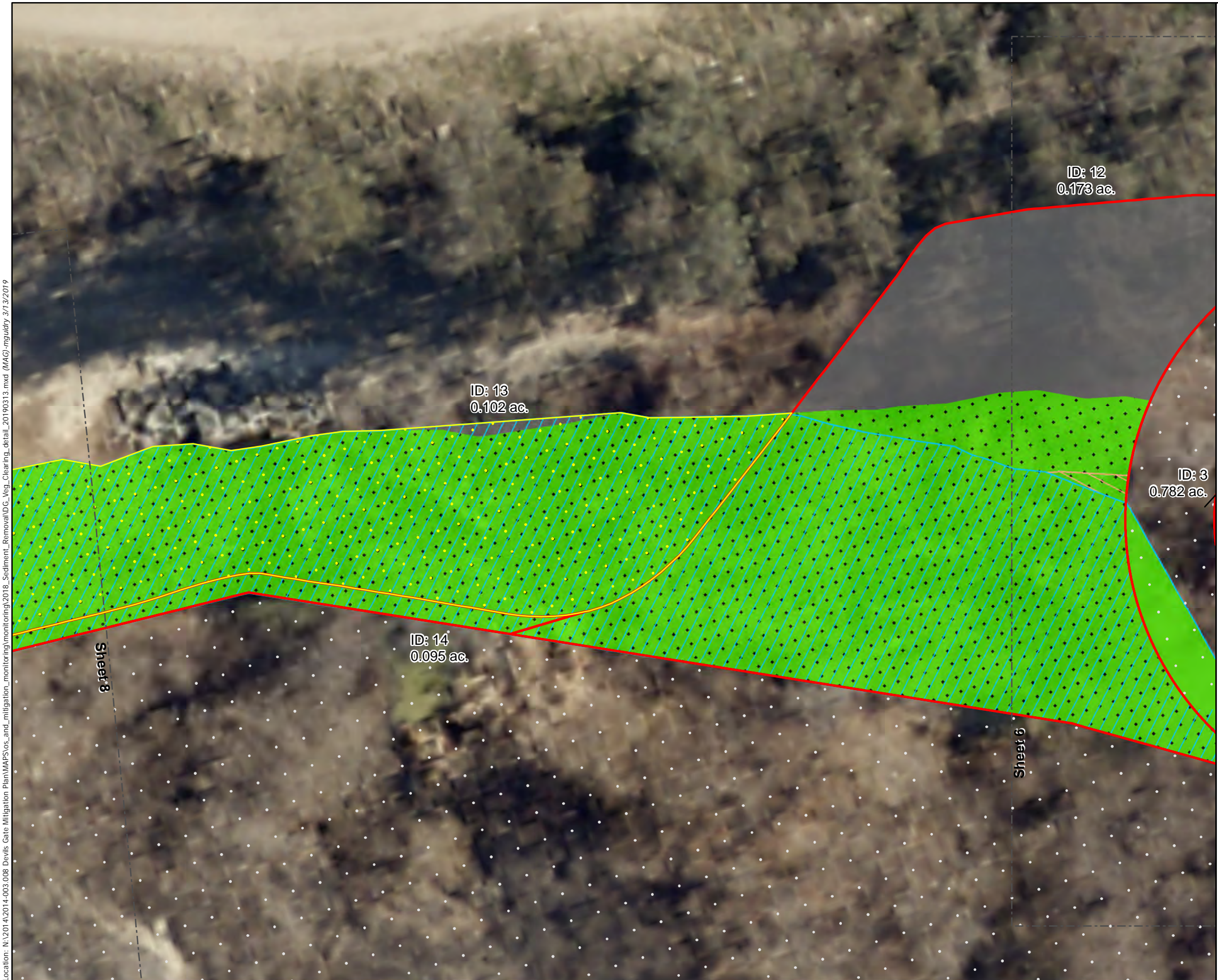
Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



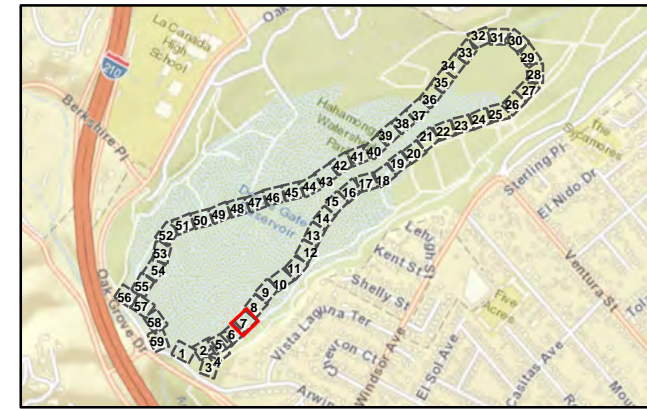
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidrv 3/13/2019

Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 7 of 59

- Map Features**
-  Vegetation Removal Area per Design Plans
 -  Previously Calculated Impacts
 -  Additional Vegetation Removed
 -  Match Line
- Waters of the U.S.**
-  Non-wetland Waters of the U.S.
 -  Wetland Waters of the U.S.
- Vegetation Name**
-  Disturbed
 -  *Salix gooddingii* Woodland Alliance (20-30% nonnatives)



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



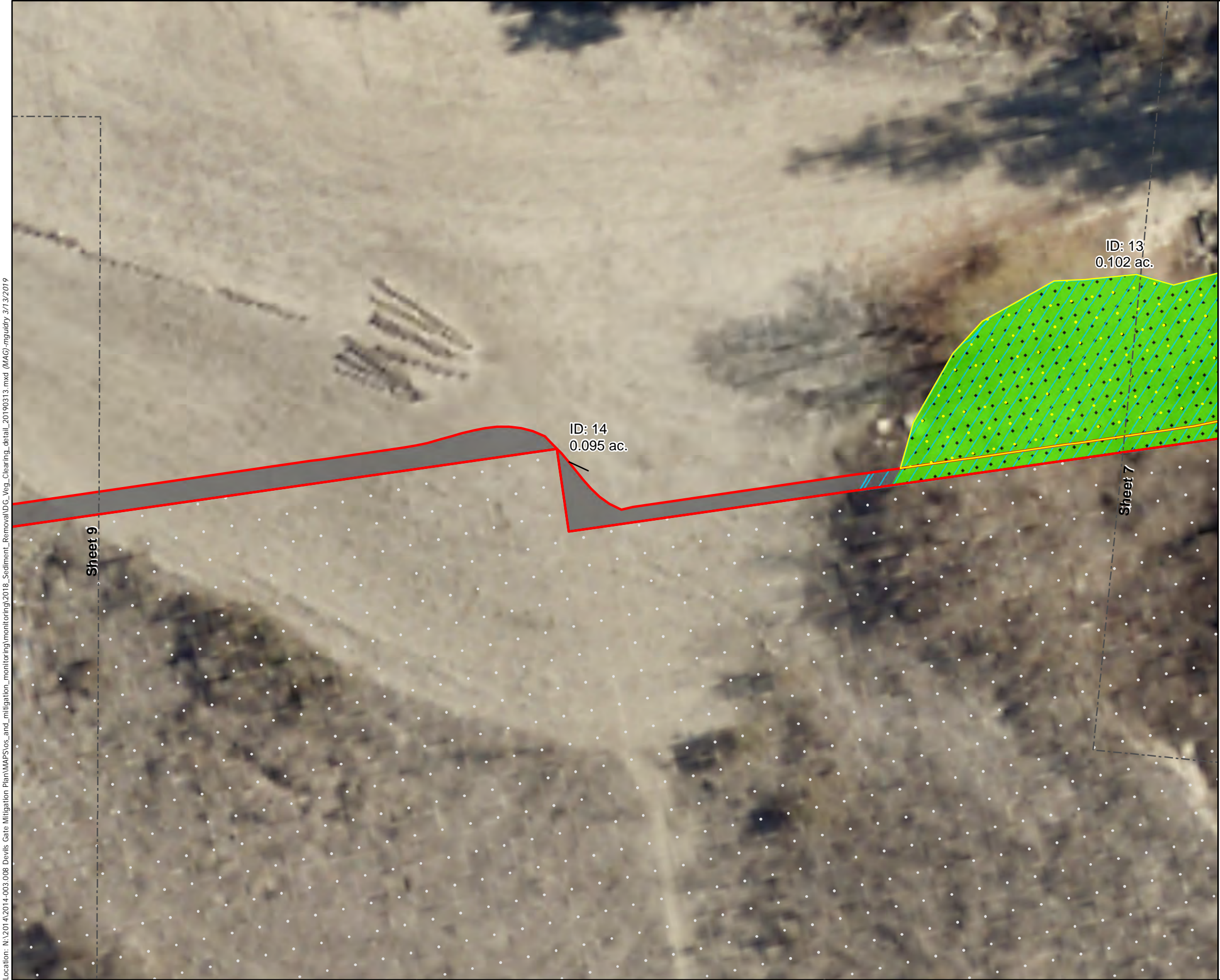


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 8 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Additional Vegetation Removed
 - Match Line
- Waters of the U.S.**
- Wetland Waters of the U.S.
- Vegetation Name**
- Disturbed
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



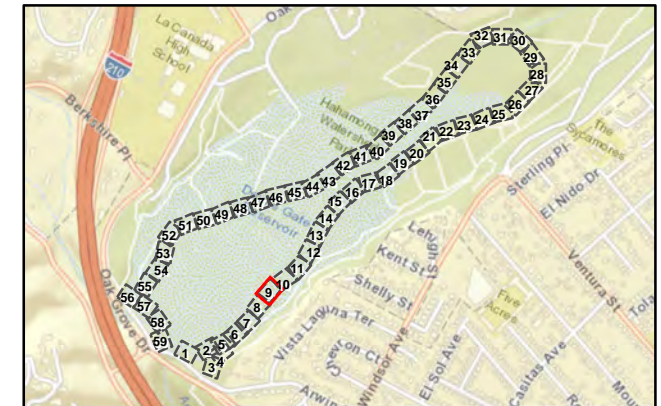
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 9 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Conium maculatum Herbaceous Semi-Natural Alliance
 - Disturbed
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 10 of 59

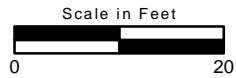
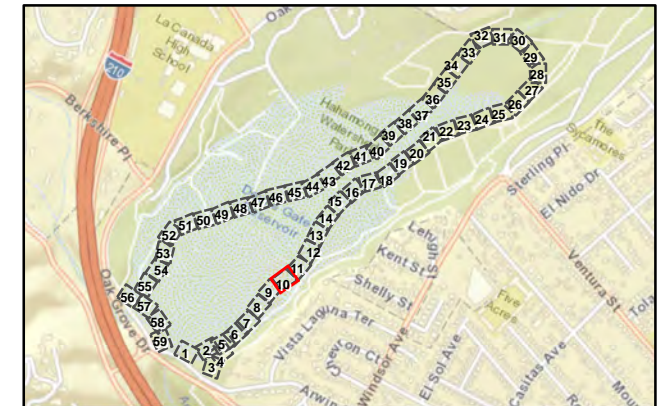
Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Conium maculatum Herbaceous Semi-Natural Alliance




Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community





Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 11 of 59

Map Features

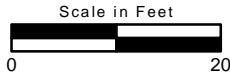
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
-  Conium maculatum Herbaceous Semi-Natural Alliance



Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community








Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 12 of 59

Map Features

-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line
- Vegetation Name
-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
-  Conium maculatum Herbaceous Semi-Natural Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

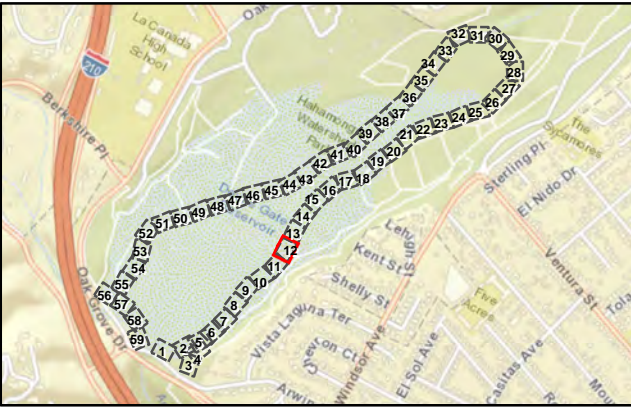








Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 13 of 59

Map Features

-  Vegetation Removal Area per Design Plans
 Previously Calculated Impacts
 Match Line

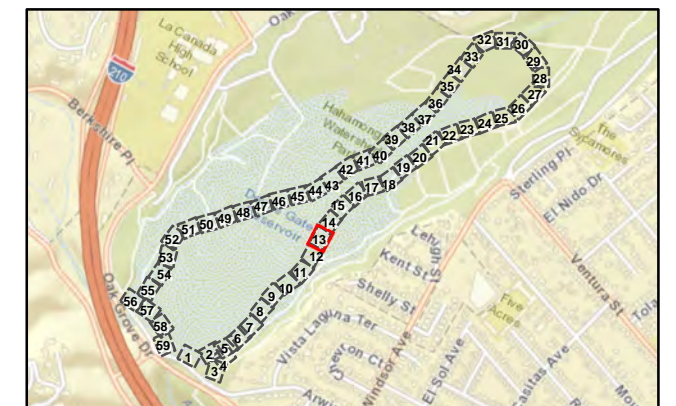
Waters of the U.S.

- 
- Non-wetland Waters of the U.S.

Vegetation Name

- • • Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

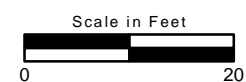




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 14 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Salix gooddingii Woodland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

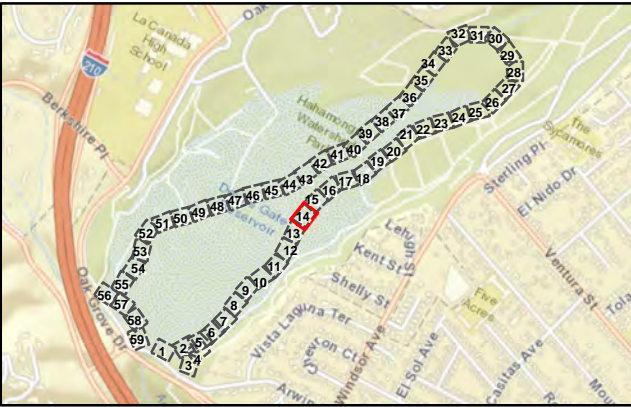
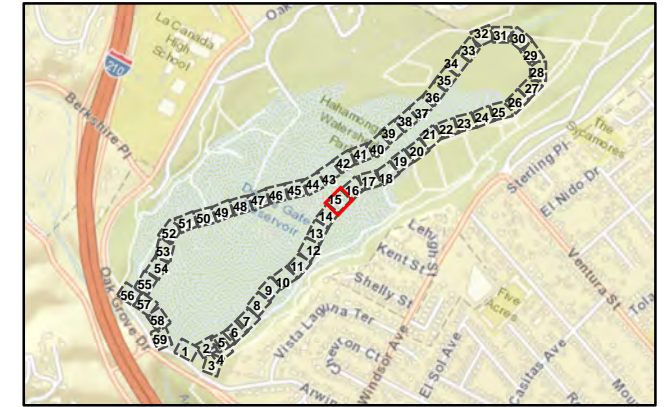




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 15 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
 - Salix gooddingii Woodland Alliance - Sparse






Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



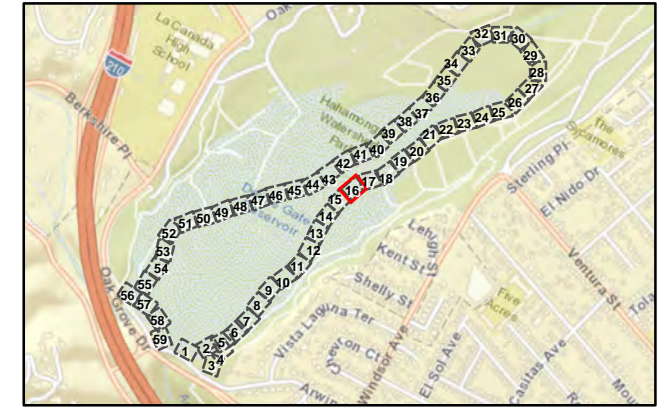
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldry 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 16 of 59

- Map Features**
-  Vegetation Removal Area per Design Plans
 -  Previously Calculated Impacts
 -  Match Line
- Waters of the U.S.
-  Non-wetland Waters of the U.S.
- Vegetation Name
-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community






Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapSVos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 17 of 59

Map Features

-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

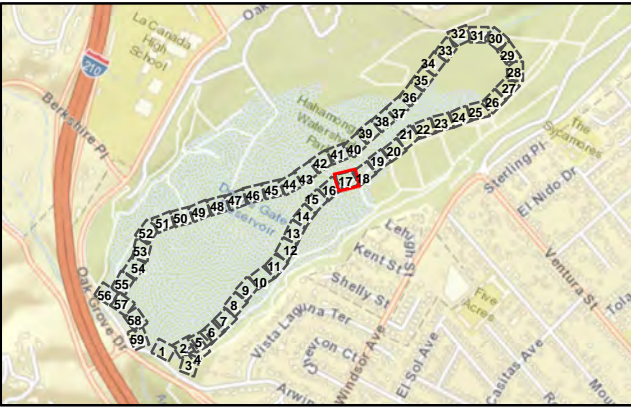
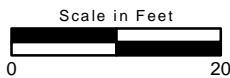
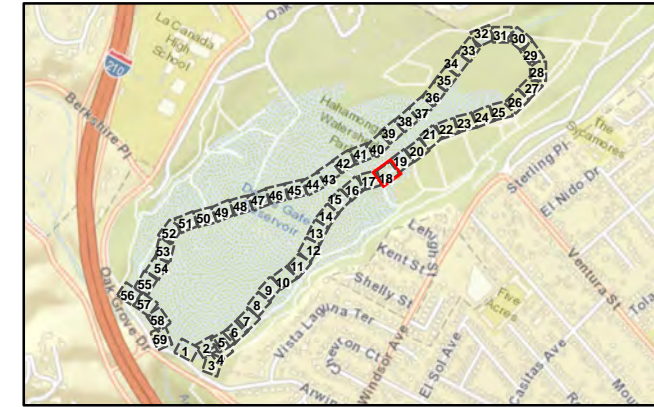




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 18 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Vegetation Name**
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
 - Brassica nigra and other mustards Herbaceous Semi-Natural Alliance
 - Disturbed

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community






Location: N:\2014\2014-003.008 Devils Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019






Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 19 of 59

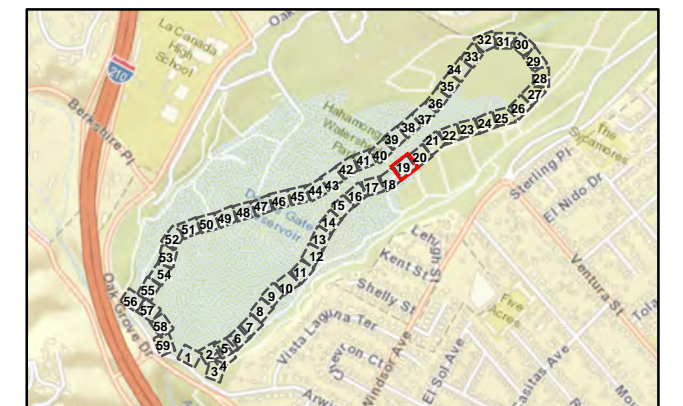
Map Features

-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
-  Brassica nigra and other mustards Herbaceous Semi-Natural Alliance
-  Disturbed

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-nguldyx 3/13/2019)

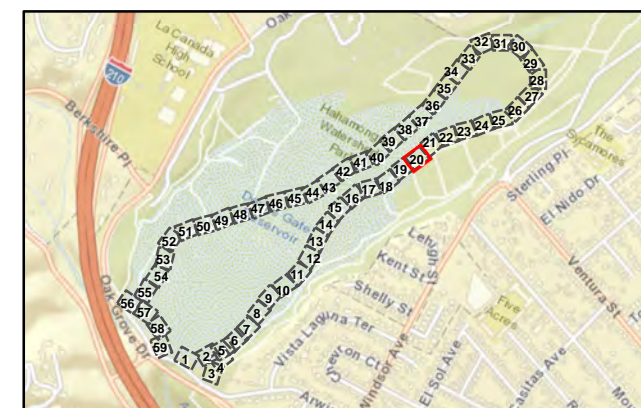


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 20 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line
- Vegetation Name
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Brassica nigra and other mustards Herbaceous Semi-Natural Alliance
- Disturbed
- Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapSVos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldrx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 21 of 59

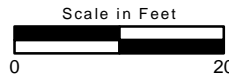
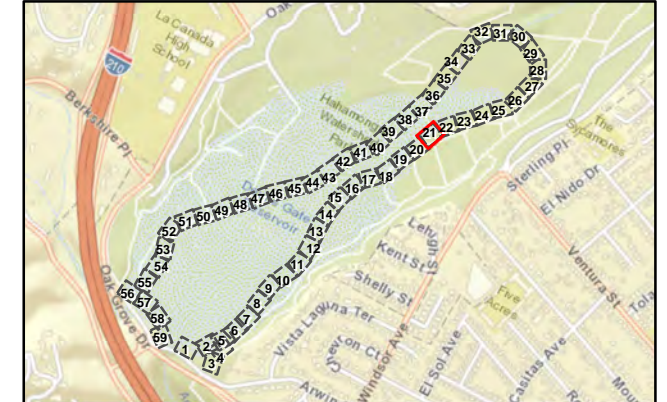
Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Disturbed
- Lepidospartum squamatum* Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community






Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapSVos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 22 of 59


Map Features

-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

-  *Lepidospartum squamatum* Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

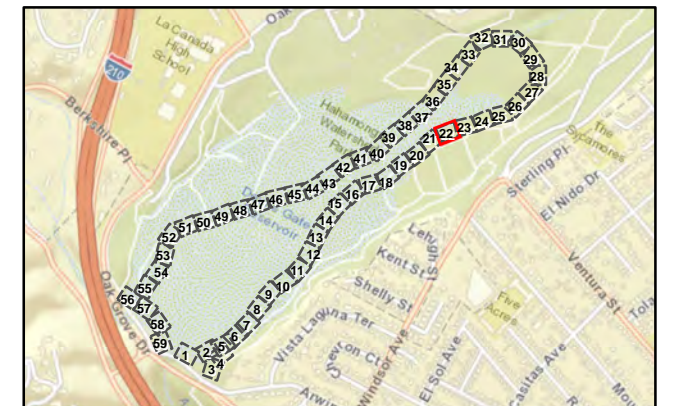
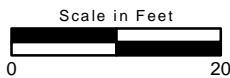




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 23 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
 - Waters of the U.S.
 - Non-wetland Waters of the U.S.
- Vegetation Name**
- Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 24 of 59

Map Features

- Future Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

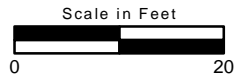
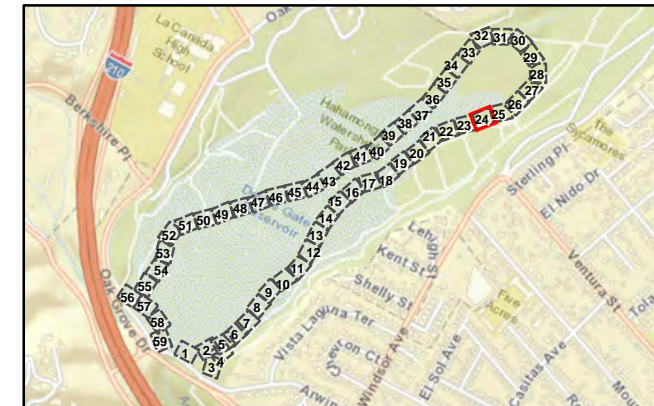
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Lepidospartum squamatum Scrubland Alliance
- Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019)

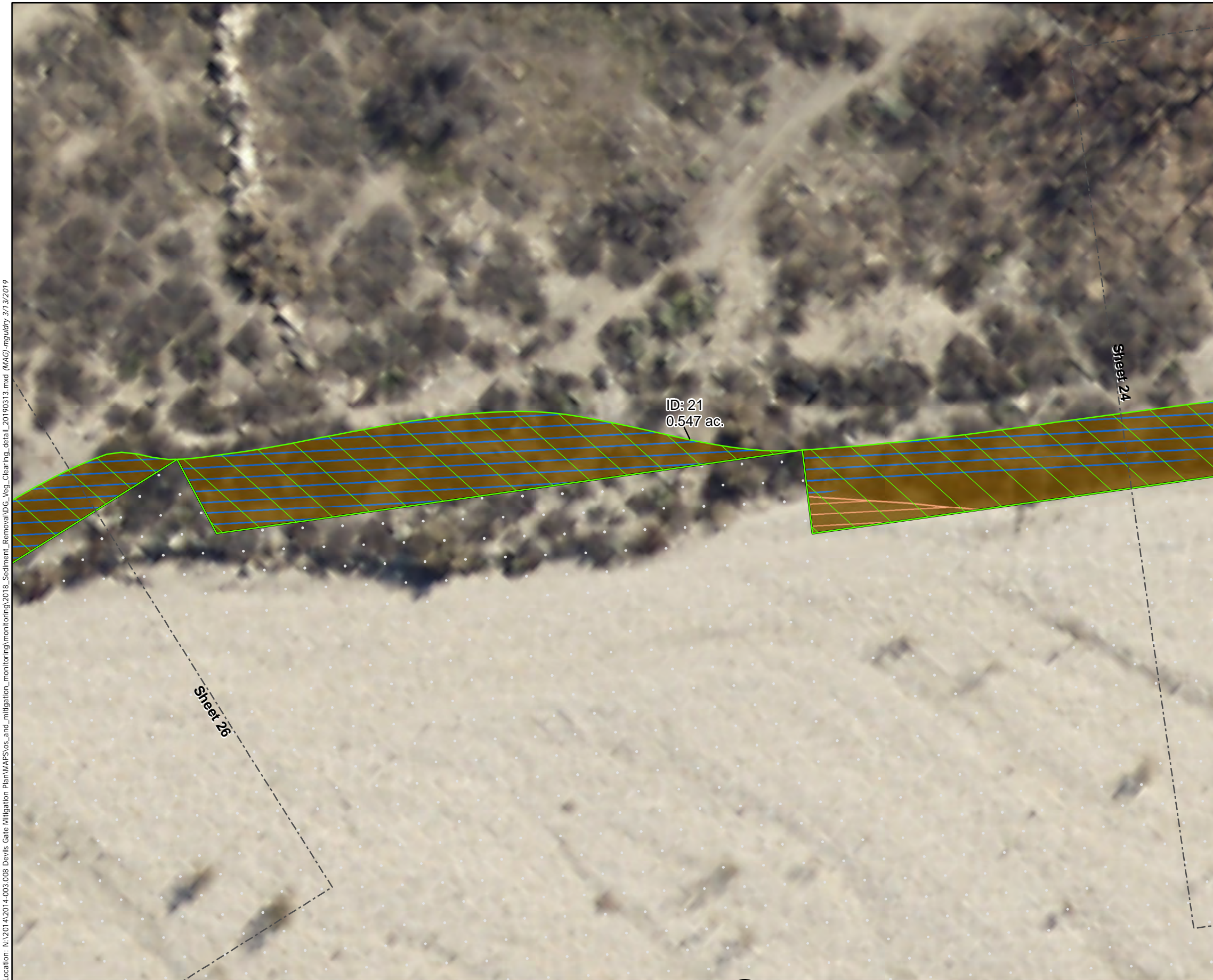
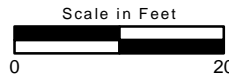
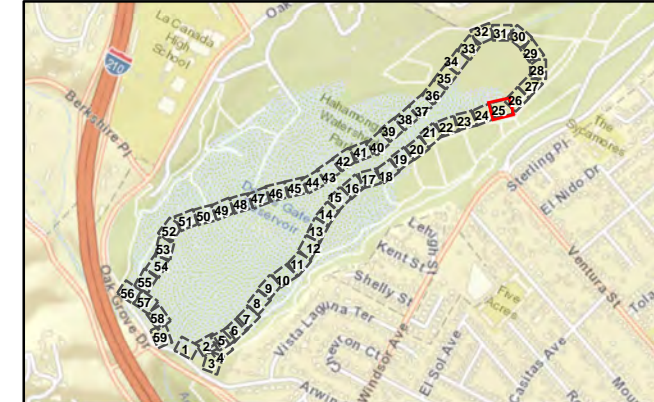


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 25 of 59

- Map Features**
- Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Lepidospartum squamatum Scrubland Alliance
 - Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldry 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 26 of 59

Map Features

- Future Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

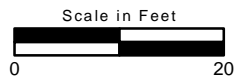
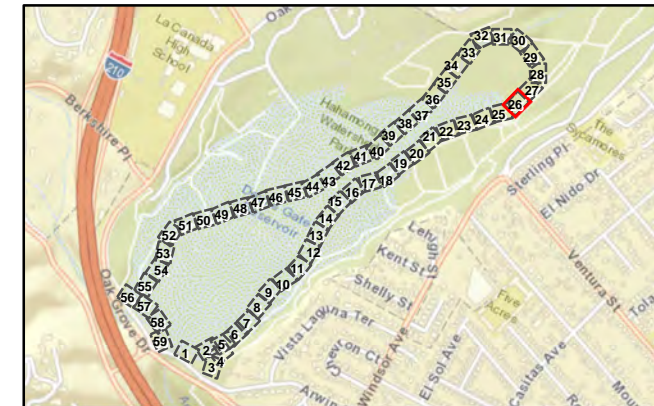
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Lepidospartum squamatum Scrubland Alliance
- Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 27 of 59

Map Features

- Future Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

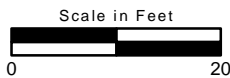
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Lepidospartum squamatum Scrubland Alliance
- Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



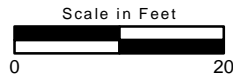
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 28 of 59

- Map Features**
- Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Lepidospartum squamatum Scrubland Alliance
 - Lepidospartum squamatum Shrubland Alliance - Sparse

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



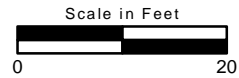
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldry 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 29 of 59






- Map Features**
- Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Lepidospartum squamatum* Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldry 3/13/2019

Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 30 of 59

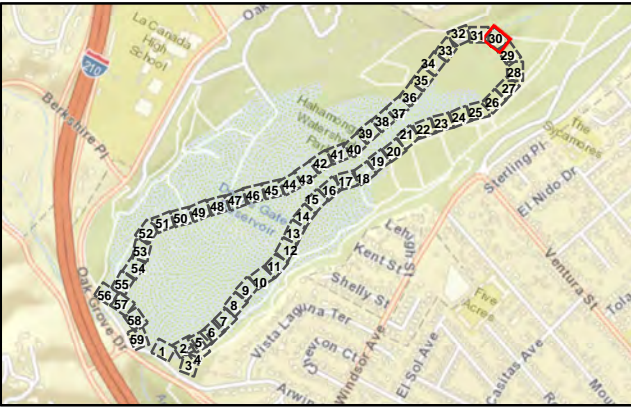
- Map Features**
-  Future Vegetation Removal Area per Design Plans
 -  Previously Calculated Impacts
 -  Match Line
- Waters of the U.S.
-  Non-wetland Waters of the U.S.
- Vegetation Name
-  *Lepidospartum squamatum* Scrubland Alliance

ID: 21
0.547 ac.

Sheet 31

Sheet 29

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldry 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 31 of 59

Map Features

- Future Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Artemisia californica - Eriogonum fasciculatum Shrubland Alliance
- Lepidospartum squamatum Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



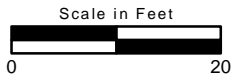
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 32 of 59

- Map Features**
- Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Artemisia californica - Eriogonum fasciculatum Shrubland Alliance
 - Baccharis salicifolia Shrubland Alliance
 - Lepidospartum squamatum Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidrv 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 33 of 59

Map Features

- Future Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

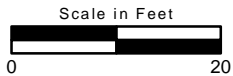
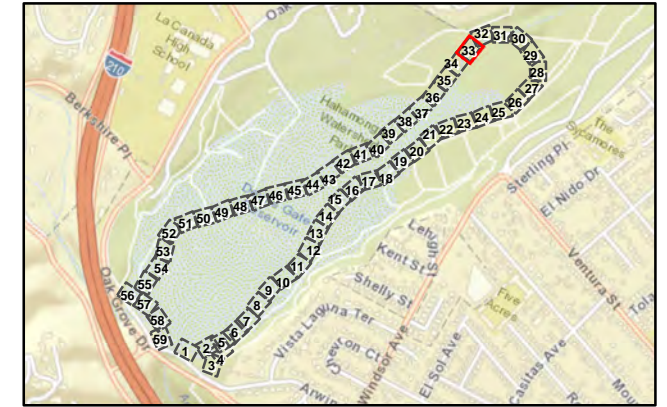
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Baccharis salicifolia Shrubland Alliance
- Lepidospartum squamatum Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 34 of 59

- Map Features**
- Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Baccharis salicifolia Shrubland Alliance
 - Lepidospartum squamatum Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_detail_20190313.mxd (MAG-mguldov 3/13/2019)

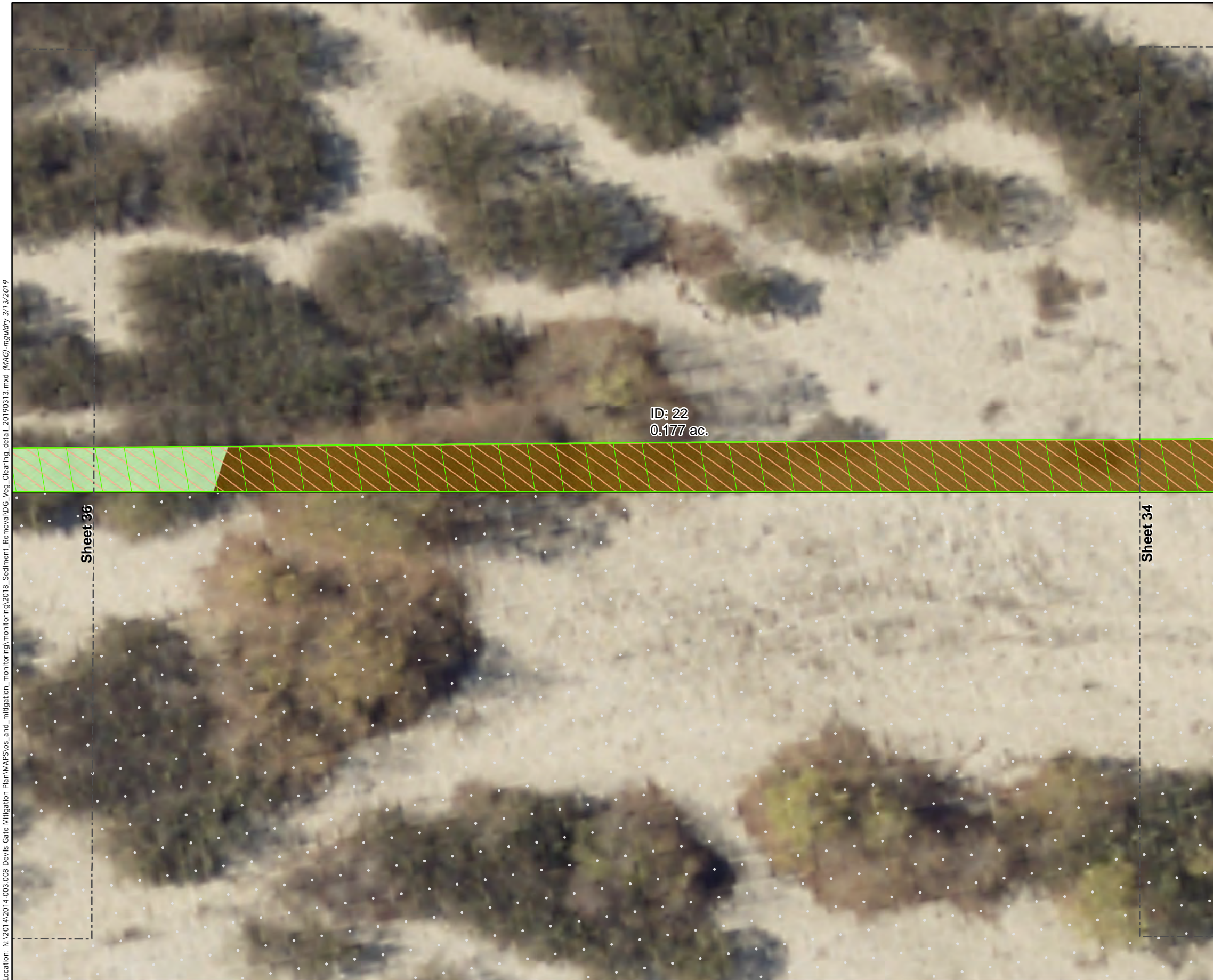






Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 35 of 59



Map Features

-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

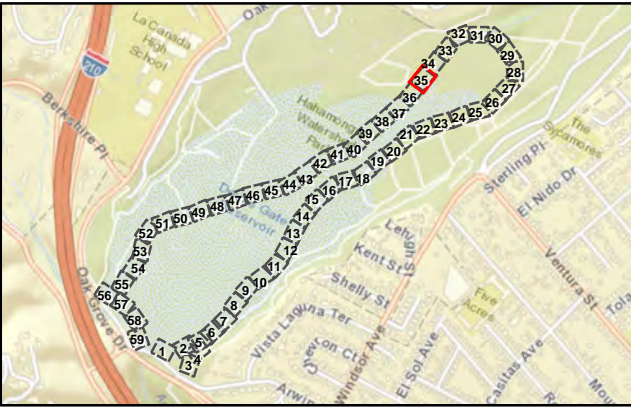
Waters of the U.S.

-  Non-wetland Waters of the U.S.

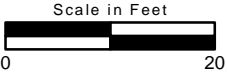
Vegetation Name

-  Baccharis salicifolia Shrubland Alliance
-  Lepidospartum squamatum Scrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS



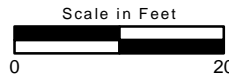
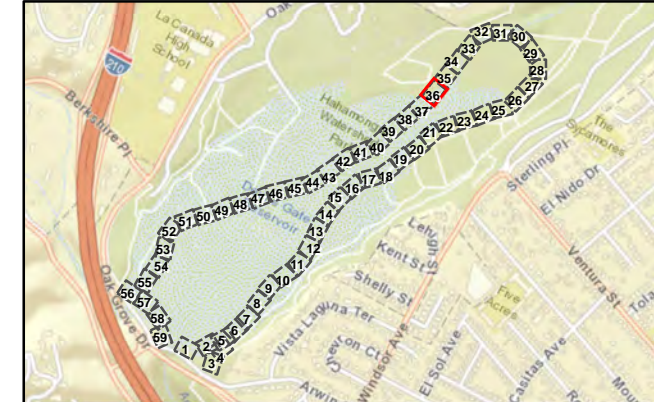
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 36 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Future Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
 - Waters of the U.S.
 - Non-wetland Waters of the U.S.
- Vegetation Name**
- Artemisia californica - Eriogonum fasciculatum Shrubland Alliance
 - Baccharis salicifolia Shrubland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_and_mitigation_monitoring\2018_Sediment_Removal_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 37 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

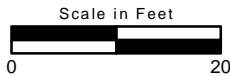
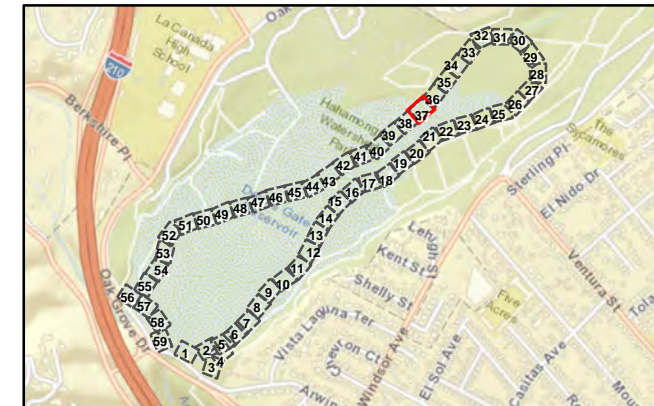
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Artemisia californica - Eriogonum fasciculatum Shrubland Alliance
- Baccharis salicifolia Shrubland Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mgudrv 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 38 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

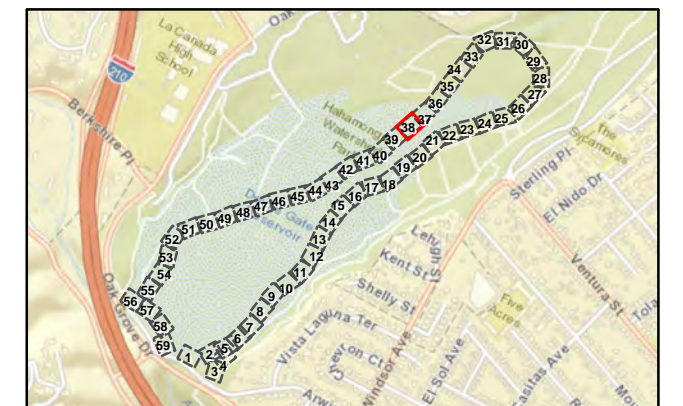
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\os_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

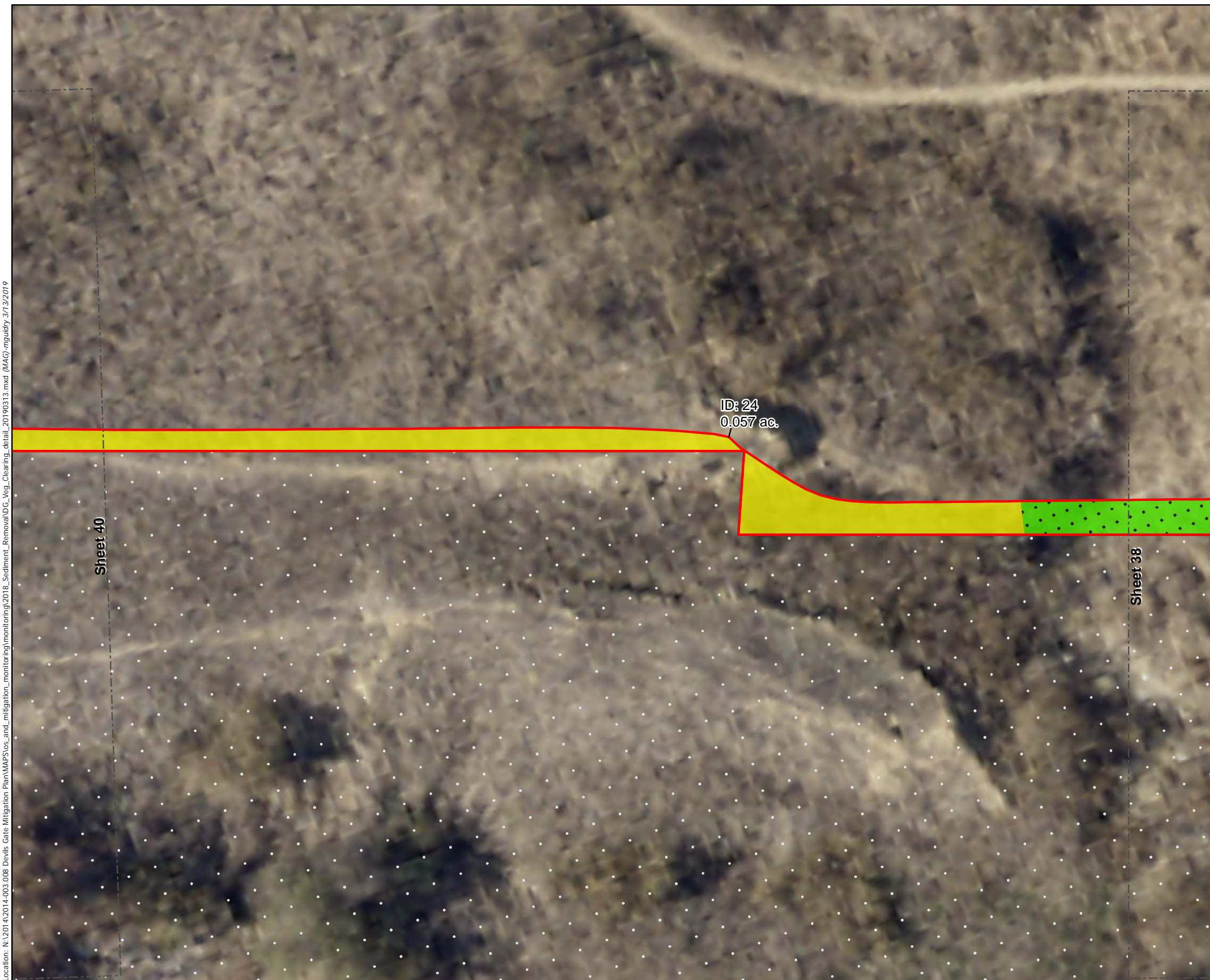
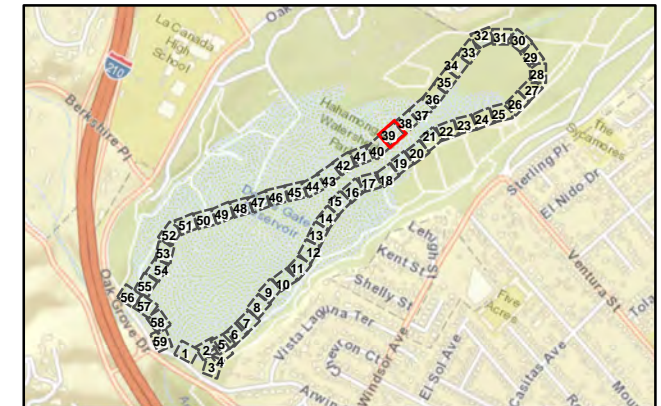


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 39 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Vegetation Name**
- Conium maculatum Herbaceous Semi-Natural Alliance
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldry 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 40 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Conium maculatum Herbaceous Semi-Natural Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

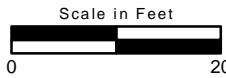
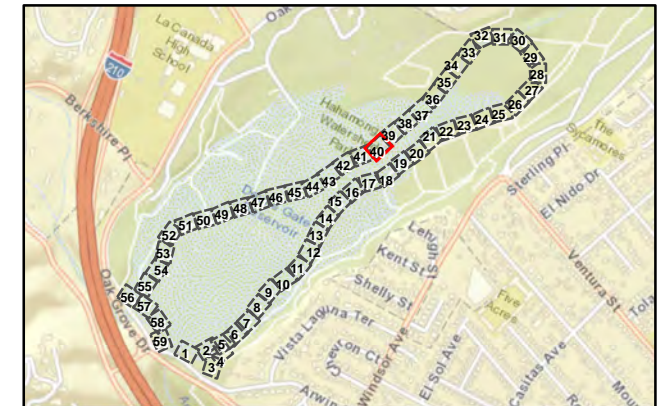
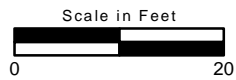
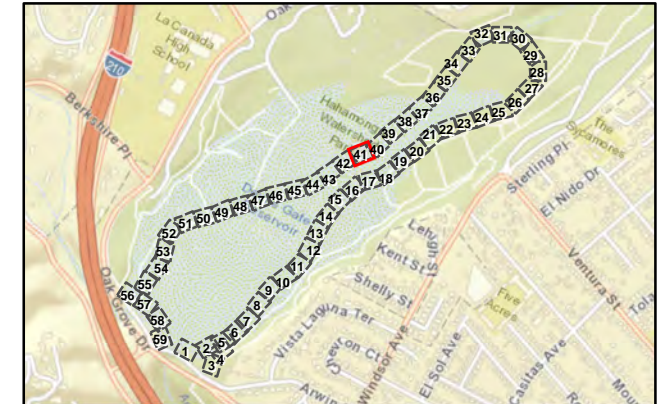




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 41 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 42 of 59

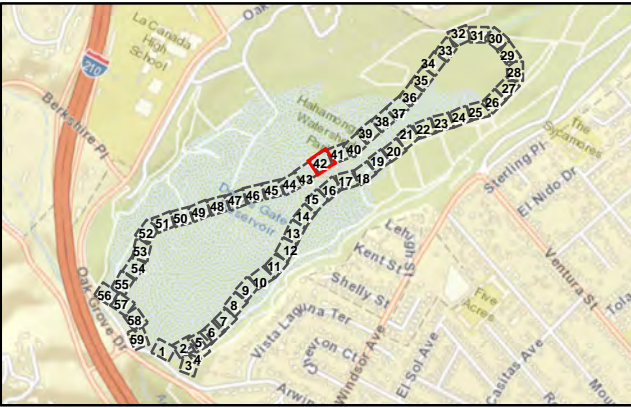
Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS



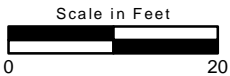
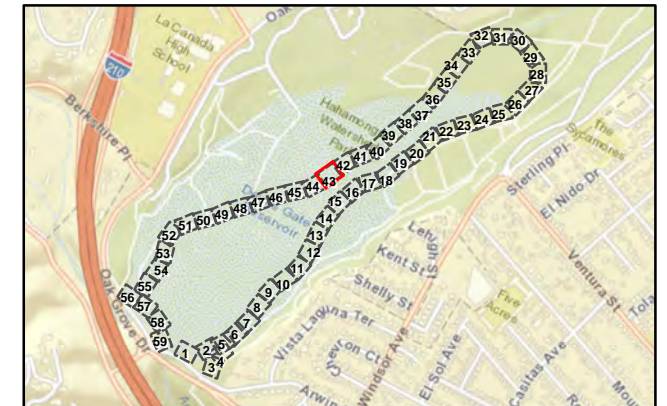
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidry 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 43 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\os_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

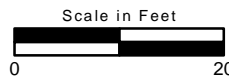
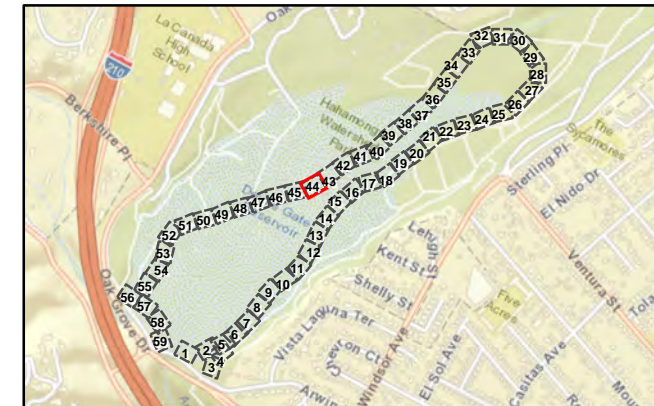


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 44 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line
- Waters of the U.S.
 - Non-wetland Waters of the U.S.
- Vegetation Name
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\2018_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 45 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

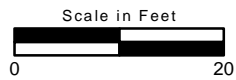
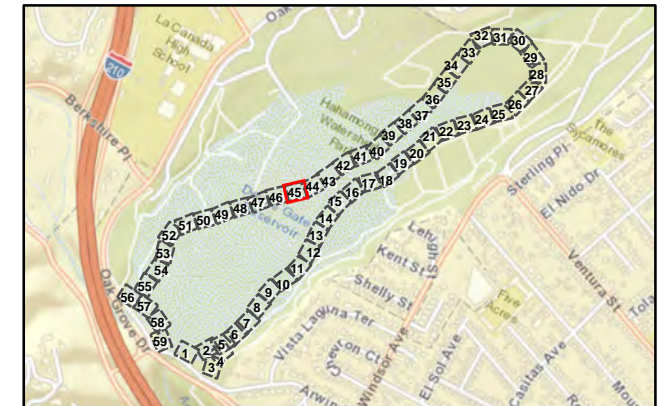




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 46 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Vegetation Name**
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



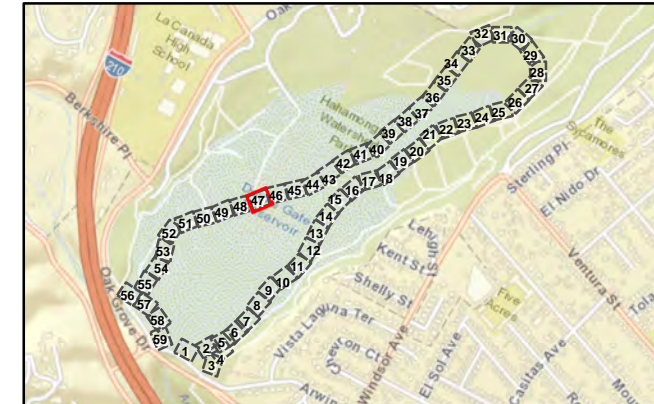


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 47 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line
- Vegetation Name**
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\os_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 48 of 59

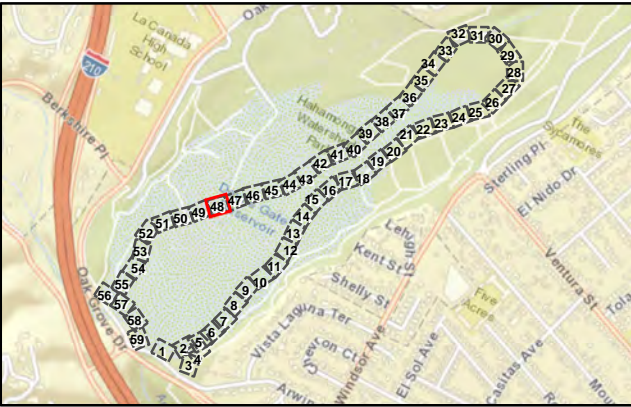
Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

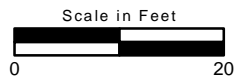
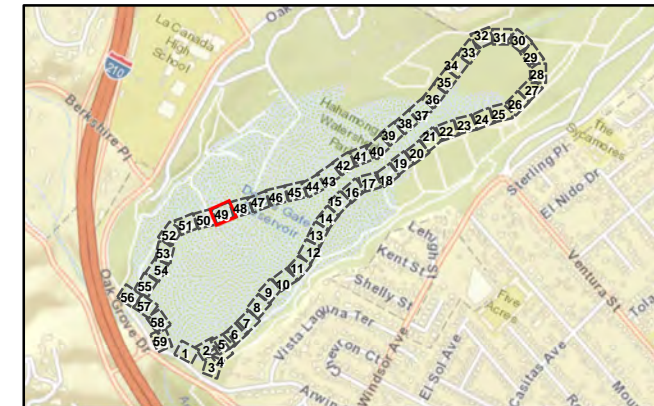


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 49 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line
- Vegetation Name
- Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
- Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community








Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

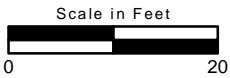
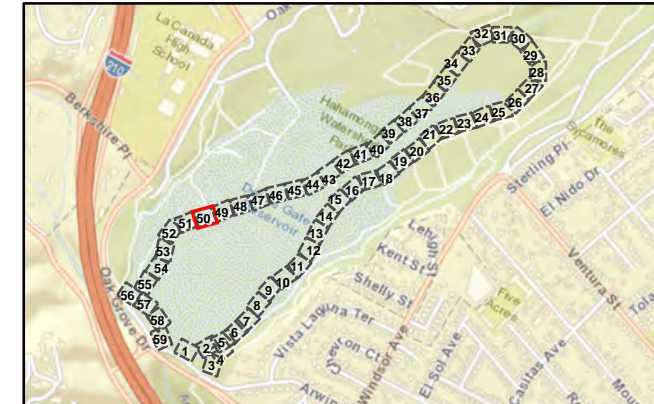


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 50 of 59

Map Features

-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line
- Vegetation Name**
-  Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
-  Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



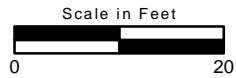
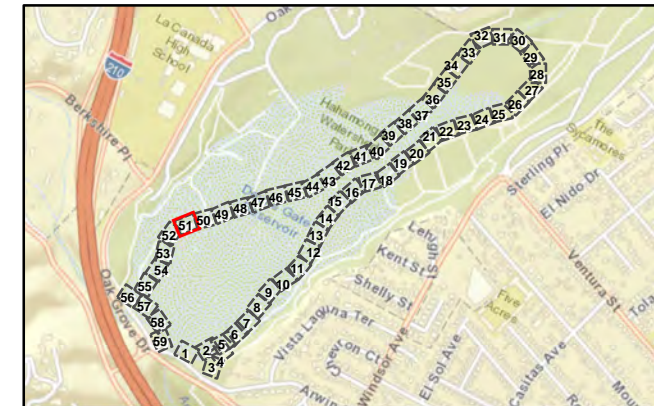
Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldy 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 51 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\MapDocs\MapDocs\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019

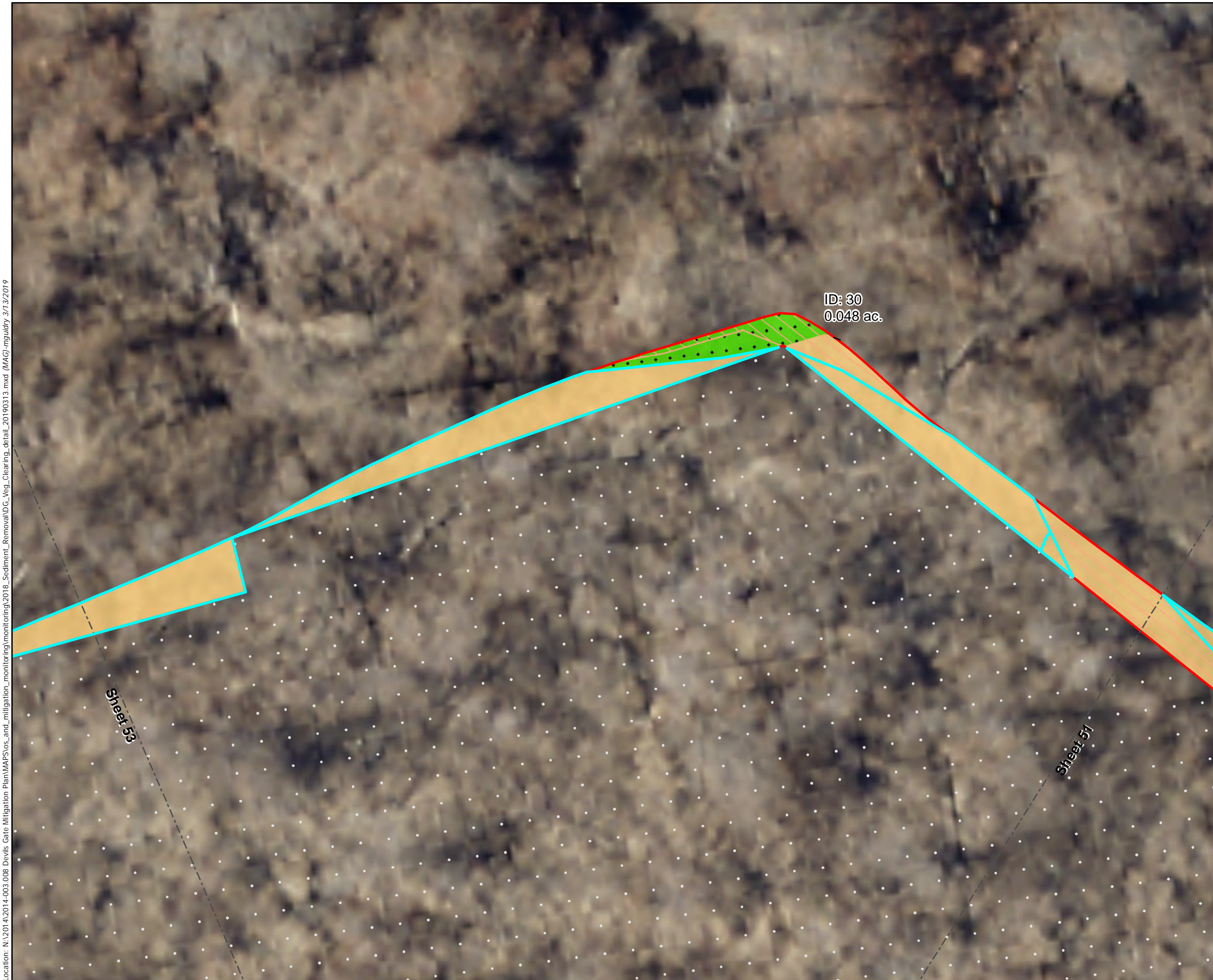


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 52 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

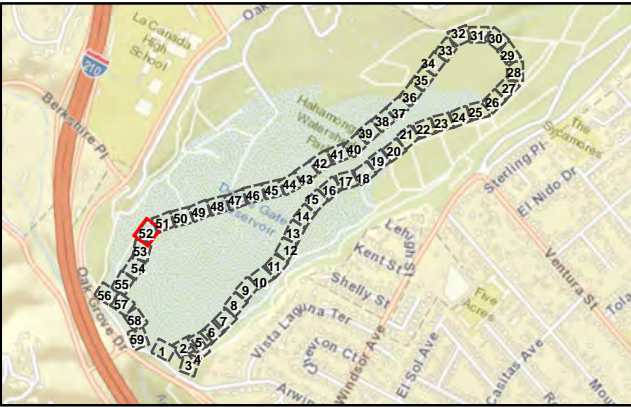
Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidry 3/13/2019

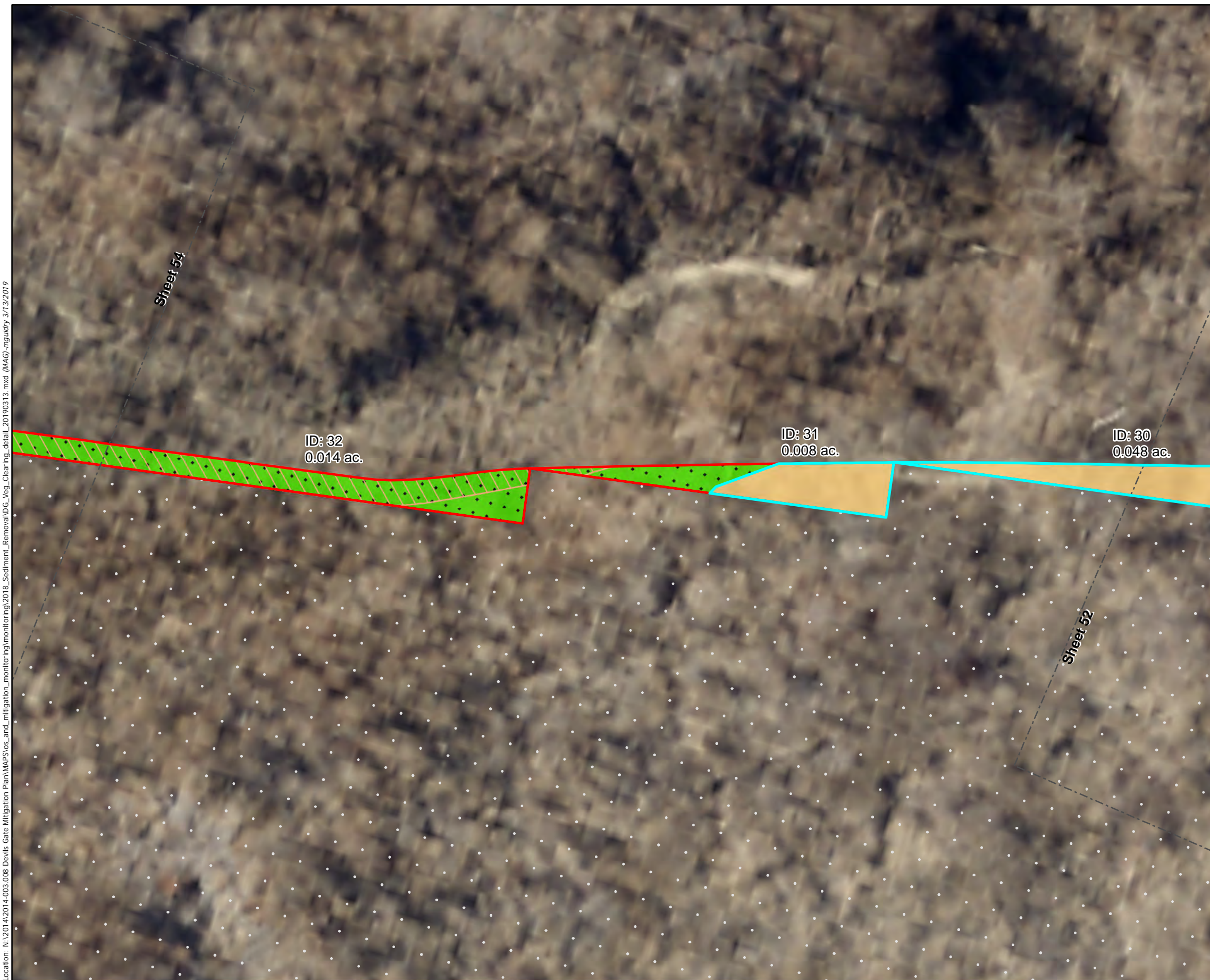


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 53 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
 - Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal Project\Maps\Maps_Veg_Clearing_detail_20190313.mxd (MAG)-mguldyx 3/13/2019



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 54 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.

Vegetation Name

- Salix gooddingii Woodland Alliance (20-30% nonnatives)
- Xanthium strumarium Herbaceous Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

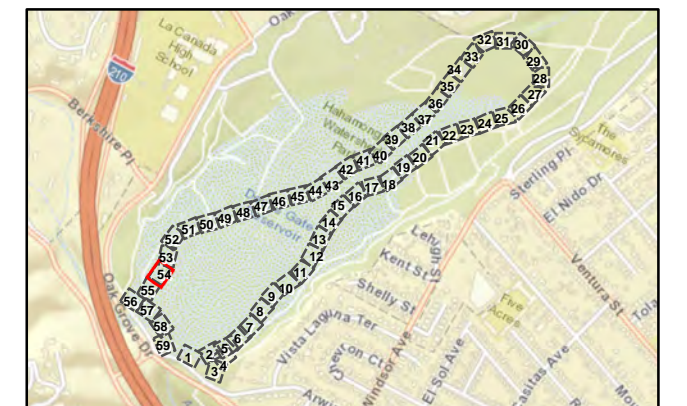
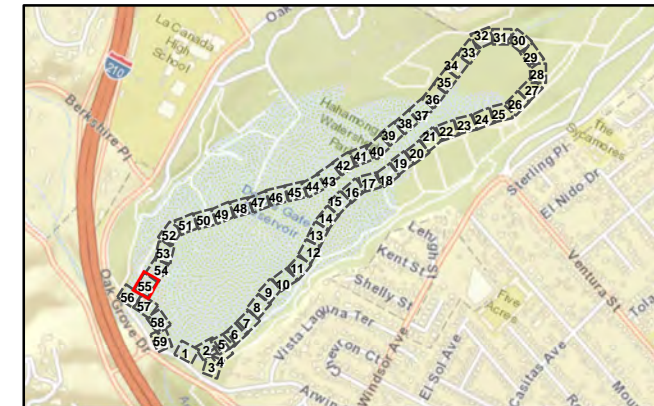




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 55 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Salix gooddingii Woodland Alliance (20-30% nonnatives)
 - Xanthium strumarium Herbaceous Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG-mgudrv 3/13/2019)



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 56 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Vegetation Name

- Disturbed
- Salix gooddingii Woodland Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community





Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 57 of 59

Map Features

- Vegetation Removal Area per Design Plans
- Previously Calculated Impacts
- Match Line

Waters of the U.S.

- Non-wetland Waters of the U.S.
- Wetland Waters of the U.S.

Vegetation Name

- Salix gooddingii Woodland Alliance
- Salix gooddingii Woodland Alliance (20-30% nonnatives)
- Xanthium strumarium Herbaceous Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community

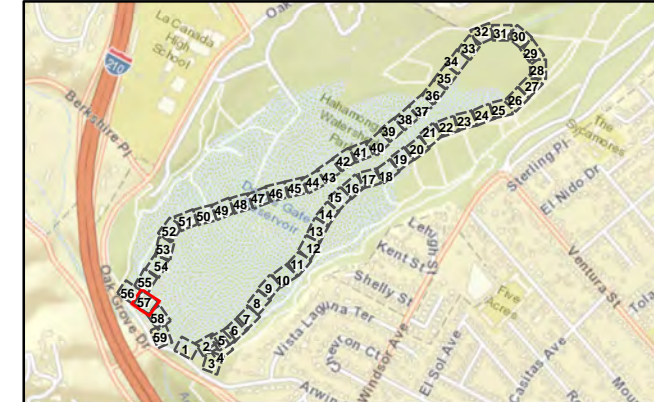
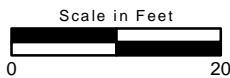




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 58 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
- Vegetation Name
- Salix gooddingii Woodland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



Location: N:\2014\2014-003.008 Devil's Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidrv 3/13/2019

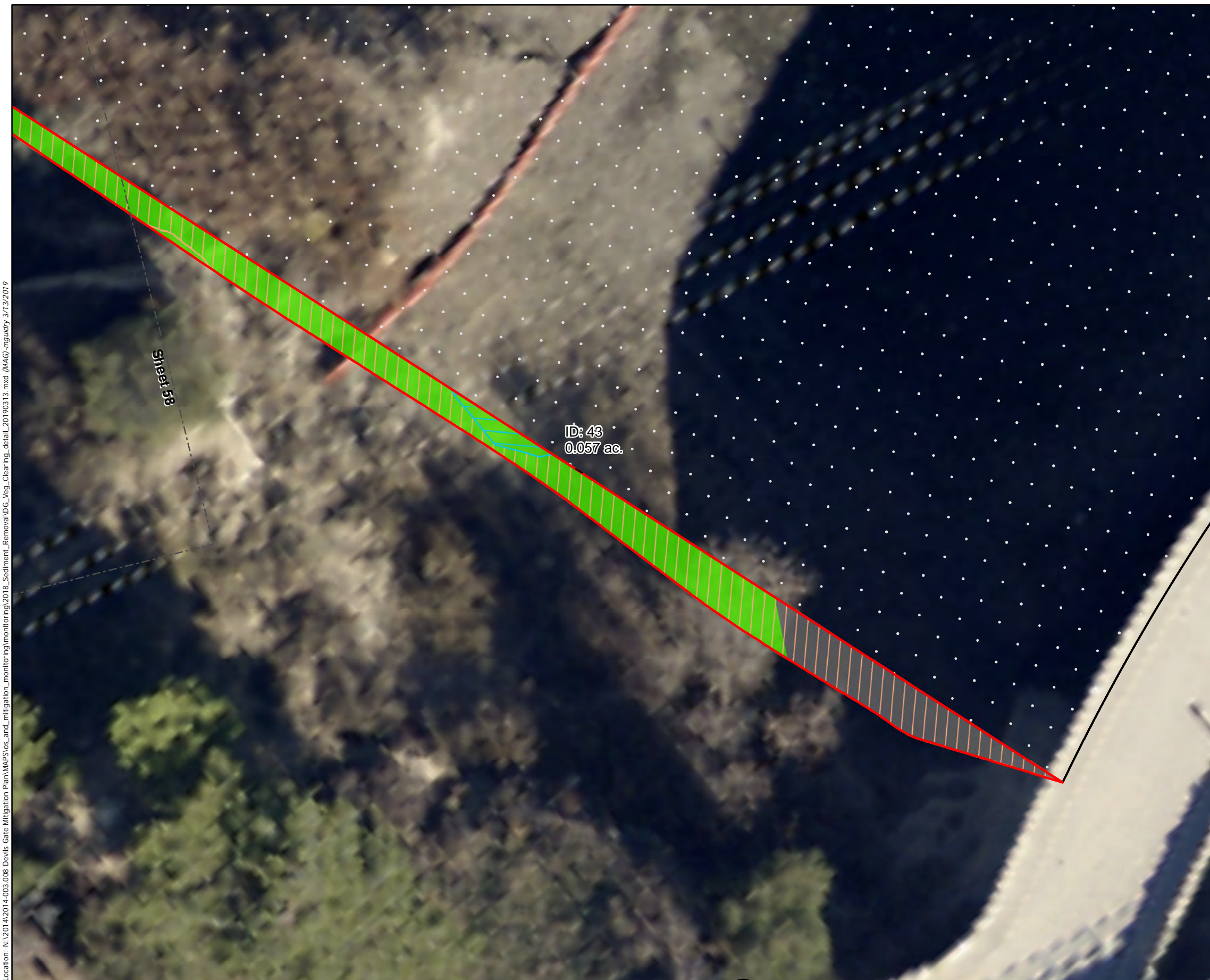
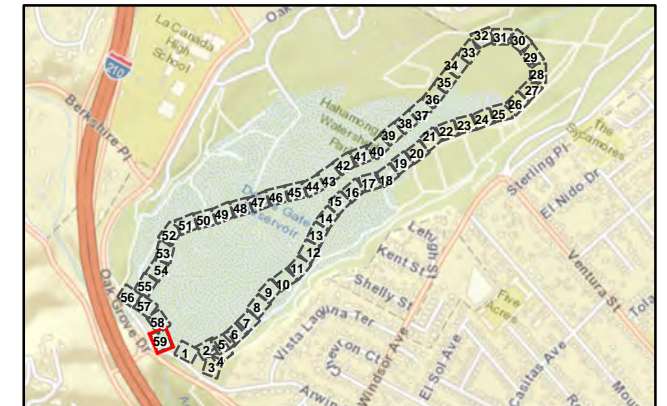


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 59 of 59

- Map Features**
- Vegetation Removal Area per Design Plans
 - Previously Calculated Impacts
 - Match Line
- Waters of the U.S.
- Non-wetland Waters of the U.S.
 - Wetland Waters of the U.S.
- Vegetation Name
- Disturbed
 - Salix gooddingii Woodland Alliance

Service Layer Credits: Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, © OpenStreetMap contributors, and the GIS User Community



ATTACHMENT 2 – BEFORE AND AFTER CLEARING PHOTOGRAPHS



Photograph 1 – West Altadena Drain area prior to clearing (on left of photo)



Photograph 2 – West Altadena Drain area after clearing



Photograph 3 – Close-up of habitat around West Altadena Drain prior to clearing



Photograph 4 – West Altadena Drain after clearing

ATTACHMENT 3 – BIOLOGICAL MONITORING SHEETS

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 6:53 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Greg Hampton, Lauren Simpson, Camilla Estes

Start Time

07:00

Start Temperature

55

Start Cloud Cover

85

Start Wind Speed

0-2

End Time

16:10

End Temperature

62

End Cloud Cover

90

End Wind Speed

0-2

Construction Activity and Personnel

1. 1 excavator (350) 2. 1 operator (Jeremy), 1 journeyman, 1 laborer. JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, ANHU, Parrot sp., BLPH, CORA, WSCJ, WEKI, RCKL, HOFI, WCSP, RTHA Western fence lizard, desert woodrat, American bullfrog

Topics to Cover on the Next Monitoring Day

Prior to the start of work, Cary and Joe walked the area to discuss what needed to be removed. I noticed that part of the area where they planned to work (east side of the drainage) was outside of the project boundary on collector. I had the crew wait to start removing vegetation and I notified Lauren. She contacted the surveyors to get clarification. The surveyors and Luke showed up about 30 minutes later. I showed them my map and asked them about the discrepancy with my map on collector. One of the surveyors told me my map was the original map created for bidding purposes, and their map had been updated. I clarified that the vegetation on the east side of the drainage was within the project boundary on their map, and they confirmed. From there I gave the crew the go ahead to remove vegetation.

Log Entry #1

0745, monitored vegetation clearing on the east side of the project area adjacent to the canal. Relocated 1 western fence lizard, and 2 desert woodrats.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'Kp FLD'. The signature is written in a cursive, stylized font. The 'Kp' is on the left, followed by a space, and 'FLD' is on the right. The 'F' and 'L' are connected, and the 'D' has a long, sweeping tail that extends downwards and to the right.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 9:53 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Camilla Estes

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Greg Hampton , Lauren Simpson

Start Time

07:00

Start Temperature

51

Start Cloud Cover

95

Start Wind Speed

1

End Time

16:30

End Temperature

62

End Cloud Cover

5

End Wind Speed

0

Construction Activity and Personnel

Scott, excavator operator.JV Land Clearing

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat. Desert cottontail. Deer mouse. Praying mantis. California towhee.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700: Tailboard

Log Entry #1 - Photos taken?

No

Log Entry #2

0730: Vegetation removal with excavator. Wood rats, desert cottontail, and deer mouse flushed. Praying mantis relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #2 Photo D



Survey Completed?

Yes

Signature

Chad Gert

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 4:24 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Greg Hampton

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder , Greg Hampton , Lauren Simpson , Krissy Walker-Berry , Camilla Estes

Start Time

08:00

Start Temperature

54

Start Cloud Cover

90

Start Wind Speed

0-5

End Time

16:21

End Temperature

63

End Cloud Cover

80

End Wind Speed

0-5

Construction Activity and Personnel

1 Bulldozer used to clear and scrape vegetation into piles while 1 other personnel would clean up site.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Wood rat, field mouse, kingbird, alligator lizard, black phoebe, amazon parrot

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0800-clearing of vegetation with bulldozer. Observed fieldmouse, alligator lizard, amazon parrots, and wood rat. 0900-switched with Krissy on training for restoration monitoring.

Log Entry #1 - Photos taken?

No

Log Entry #2

1000- returned to bulldozer clearing vegetation with 2 other personnel. Observed fieldmouse, wood rat, alligator lizard, black phoebe, and kingbird, vole, shrew, red-shouldered hawk, gopher, western toad.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

Andy Rypth

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 12/10/2018 4:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Dec 10, 2018

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder, Camilla Estes, Greg Hampton

Start Time

06:46

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0-1

End Tie

16:30

End Temperature

60

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

JV crew, 2 loaders, 2 excavators, and ground laborers

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

N/A

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RTHA, CASJ, ANHU, woodrat, Norway rat, blph, AMCR, parrot, NOFL, SOSP, COHA, saph, shrew, deer mouse, cottontail, hofi, Rcki

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 tailboard, discussed work plan for day0715 WEAP trained 4 workers0800 discussed clearing near east access ramp with Adam who was monitoring the clearing. The area to be cleared did not match up with what our map shows in Collector. Called Luke (LACDPW Inspector) and he and the County Survey team met with Adam to clarify the project boundary and vegetation to be removed. Adam was informed that the map we had on file was for bidding purposes and that the Survey team had the most up to date map. Adam was given the all clear to remove vegetation in the area from the County. 0815 began monitoring loader moving downed veg and debris. 4 woodrats and 5 deer mice rescued and relocated off site. 1130 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #2

Resume activities 1200 Relocated 2 shrews, 1 deer mouse, 2 king snakes, 1 gopher snake, 2 alligator lizards, 1 western fence lizard, 1 side-blotched lizard. Veg clearing continued until 1630

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized, cursive 'W' or similar shape, followed by a long, straight diagonal line extending upwards and to the right.

ATTACHMENT 4 – LBVI SURVEY SCHEDULE AND MONITOR CONTACT INFORMATION

PROPOSED SCHEDULE OF LBVI SURVEYS - ANTICIPATED START DATE OF APRIL 15, 2019

Activity	Approximate Survey Date (2019)
Preconstruction Least Bell's Vireo Survey (1)	March 15
Preconstruction Least Bell's Vireo Survey (2)	March 22
Preconstruction Least Bell's Vireo Survey (3)	March 29
Preconstruction Least Bell's Vireo Survey (4)	April 5
Preconstruction Least Bell's Vireo Survey (5)	April 8
Preconstruction Least Bell's Vireo Survey (6)	April 12
Preconstruction Least Bell's Vireo Survey (7)	April 14
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (1)	April 16
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (2)	April 18
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (3)	April 23
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (4)	April 25
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (5)	April 30
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (6)	May 2
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (7)	May 7
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (8)	May 9
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (9)	May 14
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (10)	May 16
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (11)	May 21
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (12)	May 23
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (13)	May 28
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (14)	May 30
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (15)	June 4
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (16)	June 6
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (17)	June 11
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (18)	June 13
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (19)	June 18
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (20)	June 20
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (21)	June 25
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (22)	June 27
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (23)	July 2
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (24)	July 5
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (25)	July 9
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (26)	July 11
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (27)	July 16
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (28)	July 18
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (29)	July 23
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (30)	July 25
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (31)	July 30
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (32)	August 1
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (33)	August 6
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (34)	August 8
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (35)	August 13
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (36)	August 15
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (37)	August 20
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (38)	August 22
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (39)	August 27
Twice-weekly Focused Least Bell's Vireo Breeding Season Survey (40)	August 29

LEAST BELL'S VIREO DESIGNATED BIOLOGISTS APPROVED BY USFWS:

Lauren (Dorough) Simpson

lsimpson@ecorpconsulting.com

657-250-3637

Taylor Dee

tdee@ecorpconsulting.com

909-331-6965

Shannan Shaffer

sshaffer@ecorpconsulting.com

714-651-2314

Christine Tischer

ctischer@ecorpconsulting.com

714-955-1000

Kristin Wasz

kwasz@ecorpconsulting.com

714-721-3793

Scott Taylor

staylor@ecorpconsulting.com

909-677-6208

Benjamin Smith

carachama@hotmail.com

949-922-5992

Jill Coumoutso

jcbiological@gmail.com

909-368-3657

Brian Leatherman

bleathermanwlb@aol.com

714-358-4565

Gregory Stratton

glstratton@yahoo.com

714-270-4204

Adam DeLuna

adamjdeluna@gmail.com

(714) 260-7621

Devil's Gate Reservoir Restoration Project First Quarter Compliance Report Activities Occurring Between January 2019 and March 2019

Submitted to:

Mr. Steve Gibson
Dept. of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Prepared for:

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803

Prepared by:

ECORP Consulting, Inc.
215 North 5th Street
Redlands, CA 92374

CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	COVERED ACTIVITIES	1
2.1	Project Activities	3
2.2	Habitat Restoration Activities.....	4
3.0	SATISFACTION OF ITP CONDITIONS	4
4.0	MITIGATION MONITORING AND REPORTING PROGRAM.....	4

LIST OF TABLES

Table 1. Monitors Onsite During Work Days.....	2
Table 2 Devil's Gate Mitigation Monitoring and Reporting Program.....	5

LIST OF APPENDICES

Appendix A: Construction Monitoring Logs

Appendix B: Habitat Restoration Monitoring Logs

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the first quarter of 2019 (January through March). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the 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 second report (Quarterly Compliance Report Number 2) submitted in accordance with ITP condition number 6.7. This report covers activities that were conducted at the Project site between January 1 and March 31, 2019.

2.0 COVERED ACTIVITIES

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".

Daily monitoring by a Designated Biologist occurred when vegetation removal activities were taking place at the Project site. Upon completion of vegetation removal (January 30), biological monitoring transitioned to twice-weekly site checks by Designated Biologists approved by the USFWS for least Bell's vireo monitoring. Twice-weekly site checks continued until ground-disturbing activities began during the nesting season at which point, daily biological monitoring occurred on days when ground-disturbing activities adjacent to nesting habitat took place (i.e., access road construction). Nesting bird season began towards the end of this reporting quarter and Designated Biologists began identifying active bird nests on the Project site and implementing appropriate no-work buffers around said nests. Sediment removal activities did not occur during this reporting period. Table 1 shows Project working dates and the biological monitors that were present on each date.

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

Table 1. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
01/01/19	No Work- Holiday	No Work- Holiday
01/02/19	TR, JA, TC, CN	CL
01/03/19	TD*	TR
01/04/19	NCMN	TR
01/07/19	No Work- Weather	No Work- Weather
01/08/19	LS*	CL
01/09/19	NCMN	TR
01/10/19	TD*	TR
01/11/19	LS*	TR
01/14/19	No Work- Weather	No Work- Weather
01/15/19	LS*	No Work- Weather
01/16/19	LS*	No Work- Weather
01/17/19	No Work- Weather	No Work- Weather
01/18/19	NCMN	TD*
01/21/19	No Work- Holiday	No Work- Holiday
01/22/19	NCMN	CL
01/23/19	TD*	TR
01/24/19	NCMN	SS*
01/25/19	TD*	TD*
01/28/19	NCMN	TR
01/29/19	LS*	TD*
01/30/19 ^y	TD*	LS*
01/31/19	No Work- Weather	No Work- Weather
02/01/19	NCMN	SS*
02/04/19	No Work- Weather	No Work- Weather
02/05/19	No Work- Weather	No Work- Weather
02/06/19	No Work- Weather	LS*
02/07/19	No Work- Weather	TD*
02/08/19	LS*	CL
02/11/19	NCMN	TD*
02/12/19	LS*	LS*
02/13/19	No Work- Weather	CL
02/14/19	No Work- Weather	No Work- Weather
02/15/19	LS*	No Work- Weather
02/18/19	No Work- Holiday	No Work- Holiday
02/19/19	LS*	TR
02/20/19	NCMN	TD*
02/21/19	NCMN	No Work- Weather
02/22/19	LS*	CL
02/25/19	NCMN	AS
02/26/19	TD*	TD*
02/27/19	TD*	No Work- Weather
02/28/19	TR	No Work- Weather
03/01/19	NCMN	No Work- Weather
03/04/19	TD*	No Work- Weather
03/05/19	NCMN	No Work- Weather
03/06/19	NCMN	No Work- Weather
03/07/19	NCMN	No Work- Weather
03/08/19	LS*	AS
03/11/19	TD*	No Work- Weather
03/12/19	NCMN	CL
03/13/19	TD*	AS
03/14/19	NCMN	BZ

Table 1. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
03/15/19	NCMN	TR
03/18/19	AS	CL
03/19/19	LS*	CL
03/20/19	TD*	JA
03/21/19	TD*	AS
03/22/19	LS*	CL
03/25/19	TD*	AS
03/26/19	LS*	CL
03/27/19	TD*	AS
03/28/19	TD*	CL
03/29/19	AS	CL

‡ = Completion of Vegetation Removal Activities

* = LBVI approved biologist

NCMN = No Construction Monitor Needed. Days marked NCMN were either days outside of the nesting bird season when no vegetation removal was occurring, or days within the nesting bird season where no ground-disturbing activities were occurring.

AS = Adam Schroeder, BZ = Brian Zitt, CL = Carley Lancaster, JA = Jerry Aguirre, LS = Lauren Simpson, SS = Shannan Shaffer, TD = Taylor Dee, TR = Torrey Rotellini

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

2.1 Project Activities

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

- Project activities continued from January 2, 2019 through March 29, 2019.
- Vegetation removal within the reservoir took place on and off between January 2 and January 30, 2019. No vegetation removal took place after January 30.
- Vegetation within the Project site was cleared and grubbed using heavy construction equipment including excavators and front loaders. Each equipment operator was assigned a Designated Biologist who monitored vegetation removal activities and moved wildlife out of harm's way when necessary.
- Grubbed vegetation was stockpiled, chipped using a horizontal grinder, and removed from the Project site. A biological monitor was assigned to the equipment moving vegetation stockpiles to ensure that any wildlife that may have been seeking refuge in the stockpiles was moved out of harm's way before the stockpiles were chipped.
- Environmentally Sensitive Area fencing damaged from rainstorms was repaired around the perimeter of the Project site.
- Access roads to enter the reservoir at the eastern end and exit the reservoir at the western end were constructed. Access road construction activities included construction of storm drain structures, construction of retaining walls, grading and filling, compacting soils, pouring concrete, and paving.
- Truck scales and a scale house were placed within the reservoir.

- The staging area for water tanks and heavy equipment outside of the reservoir was prepared. Preparation including moving dirt piles and clearing areas for water tank storage.

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

2.2 Habitat Restoration Activities

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

- Restoration activities continued from January 2, 2019 through March 29, 2019.
- Herbicide (Roundup Custom) was applied using backpack sprayers in the DG-2, DG-3A, DG-4, DG-4A, DG-4B, DG-4C, and DG-5 onsite restoration areas to targeted species including perennial pepperweed (*Lepidium latifolium*), poison hemlock (*Conium maculatum*), tree tobacco (*Nicotiana glauca*), horehound (*Marrubium vulgare*), black mustard (*Brassica nigra*), Australian brass buttons (*Cotula australis*), cheeseweed mallow (*Malva parviflora*), chickweed (*stellaria media*), and common fig (*Ficus carica*). Herbicide application occurred on seven working days from February 22, 2019 to March 14, 2019 at which point a moratorium on the use of Glyphosate-based products in Los Angeles County was implemented by the County Board of Supervisors and herbicide application at the Project site was halted.
- Low-growing non-native plants (primarily perennial pepperweed, black mustard, poison hemlock, ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], common barley [*Hordeum vulgare*], and wild oat [*Avena fatua*]) were removed from the DG-2, DG-3A, DG-4, DG-4A, DG-4B, DG-4C, and DG-5, onsite restoration areas by hand pulling and using small hand tools, weed whips, hula hoes, and rakes. Pulled plants were removed from restoration sites daily and placed into onsite dumpsters that were emptied regularly.
- Regrowth on *Eucalyptus* sp. stumps in DG-3A was removed using chainsaws in lieu of herbicide application.
- Jute netting was installed in the DG-3A onsite restoration area for erosion control in preparation for the container plant installation stage of habitat restoration activities.

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

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from April 1, 2019 to June 30, 2019.

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 vegetation-disturbing project-related activities during the 2019 first 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 first quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18	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. No surveys related to this measure were required during the 2019 first quarter reporting period.
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		N/A	Although the nesting bird season began during this reporting period, no sediment removal activities within the reservoir occurred during this reporting period. The implementation of this measure will be discussed in the subsequent quarterly report (Quarter 2 2019). However, daily biological monitoring resumed when nesting bird season began and any ground-disturbing activities outside of the reservoir were occurring (i.e. access road construction)
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: <ul style="list-style-type: none">To the extent feasible, trees that have been identified as roosting sites shall be removed or	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2019 first quarter reporting period. No trees identified as having the potential for bat use were removed during the

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
<p>relocated between October 1 and February 28.</p> <ul style="list-style-type: none"> When trees must be removed during the maternity roost season (March 1to 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 forLACFCD.</p>							2019 first quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. Quantitatively monitor the mitigation sites until the performance standards have been met and 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 first quarter reporting period.

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
<p>restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved.</p> <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. <ul style="list-style-type: none"> • Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
<p>MM BIO – 7: Within 90 days prior to ground-disturbing activities, a qualified biologist shall conduct a tree survey within the project footprint to identify native city- protected trees that would be removed or potentially affected by the Proposed Project, native city-protected trees that can be avoided, and native city-protected trees that will require root zone protection. LACFCD would replace native city-protected trees that cannot be avoided. The replacement is expected to be at a 1:1 ratio by canopy acreage. The biological monitor shall implement measures to protect the root zone of oak trees that may be impacted immediately adjacent to the project site and along access roads. The acreage occupied by the canopies of the native city-protected trees to be removed will determine the appropriate level of tree replacement. LACFCD shall identify tree replacement areas that are no less than the acreage of the native city-protected tree canopies to be removed. Priority for tree replacement locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. The number of replacement trees installed by LACFCD will be greater than the number of trees to be removed should the replacement tree be smaller and younger than the tree to be removed. LACFCD shall monitor the survival of the 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 first 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 communities, and federally protected wetlands has been achieved. • Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. • Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	<p>Reservoir Management</p> <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 first quarter reporting period

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
LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. <ul style="list-style-type: none"> • Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. • Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 							

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/02/2019 3:54 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 2, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Caroline Nalezny, Jerry Aguirre, Todd chapman

Start Time

07:19

Start Temperature

40

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

03:00

End Temperature

59

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Construction monitoring, vegetation removal. Excavator, front loader ground laborers.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA RSHA ANHU field mouse, wood rat, alligator lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0710, participated in tailboard. 0715 began vegetation removal, 1045 witness RSHA predate lizard by excavator.1200 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1230 back to veg removal 1445, finished for day. Bio left site at 1500

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Survey Completed?

Yes

Signature



Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/02/2019 2:50 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 2, 2019

Monitor Name

Jerry Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Caroline Nalezny, Carley Lancaster, Torrey Rotellini, Todd Chapman

Start Time

06:55

Start Temperature

34

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:49

End Temperature

66

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Monitored 1 excavator operated by Ray and 1 rock/dump truck.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Woodrat, RTHA, CORA, HOFI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700: monitored vegetation spoils loading into dump truck. 1 excavator and 1 dump truck. All work within ESA. No fatalities. 1 Woodrat safely flushed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1030- monitored loading of vegetation spoils into dump truck. 3 wood rats safely flushed. 1 Woodrat mortality. All work within ESA. Working northward.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1230- monitored ray loading vegetation spoils into dump truck. All work within ESA. Relocated 1 lizard, 1 western toad, 1 Woodrat and safely flushed two Woodrats and two cottontail rabbits. No mortalities.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey 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 Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/02/2019 12:28 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 2, 2019

Monitor Name

Todd Chapman

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Carley Lancaster, Jerry Aguirre, Caroline Nalezny, Torrey Rotellini

Start Time

07:00

Start Temperature

32

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

12:00

End Temperature

57

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

working with kerry and front loader crew, grooming sediment and removing remaining large woody debris. making piles

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Black phoebe

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 monitoring front loader

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

TAC

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/02/2019 5:30 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 2, 2019

Monitor Name

Caroline Nalezny

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini, Jerry Aguirre, Todd Chapman

Start Time

07:00

Start Temperature

38

Start Cloud Cover

0

Start Wind Speed

0-3

End Time

15:00

End Temperature

61

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Scott on excavator, Ray on excavator, 3rd operator on dump truck.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, BLPH, SOSP, WCSP, HOFI, COHA, RSHA, woodrat, CALT, BUSH, EUST, western toad

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0710: Tailgate meeting. 0745: Monitored vegetation removal by Scott, woodrat flushed from pile, small oak removed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0930: Monitoring Scott doing vegetation removal. Flushed cottontail. 1045: Multiple instances of RSHA predating lizards near excavator.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1115: Monitored Ray loading piles of vegetation into dump truck. 3 woodrats flushed.
1200- 1230 lunch break.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1245: Relocated 2 western toads, 1 woodrat. Monitored Scott and Ray on excavators.
1445: Finished for the day. 1500: Left site.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

Carla Naloy

Devil's Gate Monitoring Log Submitted By: SoCal_Bio

Submitted Time: 01/03/2019 1:31 PM

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 3, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:10

Start Temperature

43

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

13:32

End Temperature

64

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew removing remaining vegetation and debris piles, and loading into haul truck.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, CAQU, woodrat, WREN, CALT, parrot sp., WCSP, CSJA, SAPH, RTHA, CAKI, ANHU, CORA, NUWO, NOFL, BLPH, SOSP, YRWA, mouse

Topics to Cover on the Next Monitoring Day

n/a

Log Entry #1

0700 tailgate safety meeting. 2 new crew to train. Gave environmental waste training to Jesus and Hector (#64 & 68).

Log Entry #1 - Photos taken?

No

Log Entry #2

0710 monitoring excavator remove vegetation and debris piles in northern portion.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0750 observed woodrat carcass. Appears to be from previous day.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1000 monitored excavator loading stump and wood piles throughout the site.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1140 used excavator to remove trash in project site near drain and culvert. Carry, Griffith foreman said they were going to finish with trash removal then load the telephone pole logs laying in the projrcy site then continue removing hand collected wood piles. Same work would continue tomorrow. Wood chipper is not expected until Monday depending on rain and if they can work.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Log Entry #6

1315 Spoke to Carry. He said they only had hand collected piles of wood to load. I informed him that a bio monitor was no longer needed if that was the case. He confirmed they would be doing the same tomorrow; no new crew and no vegetation removal is expected. The wood chipper will be back first day of work next week. I let him know we will have a monitor onsite when the woodchipper is present. I also let him know we won't have a monitor tomorrow but he should call Lauren if anything changes.

Log Entry #6 - Were Photos taken?

No

Log Entry #10

Relocated 1 woodrat and 1 mouse.

Log Entry #10 - Were Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/08/2019 8:30 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 8, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

52

Start Cloud Cover

80

Start Wind Speed

0-3

End Time

08:35

End Temperature

58

End Cloud Cover

80

End Wind Speed

0-3

Construction Activity and Personnel

JV crew, chipper operation and loading haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RTHA, AMCR, RCKI, CALT, CASJ

Topics to Cover on the Next Monitoring Day

Chipper returning Thursday

Log Entry #1

0700 tailboard 0745 trained 10 new JV workers (WEEP). 0830 notified that chipper would not return until Thursday. Only hauling of chipping will occur today. 0835 left project site

Log Entry #1 - Photos taken?

No

Survey Completed?

Yes

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/10/2019 3:17 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 10, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

64

End Cloud Cover

10

End Wind Speed

2-4

Construction Activity and Personnel

oak tree removal, wood chipping. JV Land Clearing crew: Cary, Rick (woodchipper and excavator operator), 4 laborers (Alexis, Jesus, Albert?, Hector). 1 loader loading haul trucks. Josh operating dozer congregating hand-piled wood piles. Cary operating 1 dozer to grade road and push wood piles further from chipped piles.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CALT, SPTO, BUSH, AMCR, COHA, RTHA, YRWA, CATH, ACWO, CORA, SOSP, RCKI, RSHA, MALL, EUST, southern alligator lizard, deer mouse, woodrat, western, side-blotched lizard, BEWR, BLPH, western fence lizard,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0650 Griffith foreman confirmed that they need to remove an oak tree in southwestern portion. He said it was tagged as 66. I informed him that I was aware of the tree and would check to make sure it could be removed. He said Cary would let me know when it will be removed today.

Log Entry #1 - Photos taken?

No

Log Entry #2

0700 Tailboard meeting. Cary will come get me when he is ready to remove the oak tree.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0710 Rick started preparing woodchipper.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

0736 woodchipper and excavator, operated by Rick, moved on to the project site. 0750 began loading chipper and chipping. 3 Woodrats flushed. Relocated: 1 deer mouse, 1 Southern alligator lizard, 1 western, side-blotched lizard, 2 woodrat mortalities: 1 woodrat

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1305 Spoke with Cary. Woodchipper is scheduled for tomorrow. A monitor will be present.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1354 observed old alligator lizard carcass. Likely result of crushing/runover.

Log Entry #6 - Were Photos taken?

No

Log Entry #7

1400 Monitored Cary operate dozer to remove oak tree #66.

Log Entry #7 - Were Photos taken?

Yes

Log Entry #7 Photo A



Log Entry #7 Photo B



Log Entry #7 Photo C



Log Entry #8

1424 Began monitoring Rick operate excavator to load woodchipper. relocated: 1 western fence lizard

Log Entry #8 - Were Photos taken?

Yes

Log Entry #8 Photo A



Log Entry #9

1445 Cary said they were done for the day. They will continue tomorrow.

Log Entry #9 - Were Photos taken?

No

Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/11/2019 10:00 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 11, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

45

Start Cloud Cover

70

Start Wind Speed

0-3

End Time

09:59

End Temperature

56

End Cloud Cover

70

End Wind Speed

0-3

Construction Activity and Personnel

JV crew, chipping final piles and loading chips into trucks

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

SOSP, HOFI, OATI, AMCR, CASJ, SAPH, BLPH, Parrot Sp., Gull sp, RTHA, woodrat, western toad, western fence lizard.

Topics to Cover on the Next Monitoring Day

N/A last day of monitoring JV crew.

Log Entry #1

0700 tailboard0725 began observing excavator load stockpiles into chipper. Flushed 1 woodrat, relocated 1 western toad and 1 western fence lizard. 0945 chipper done with stockpiles, only remaining piles are hand picked piles that don't require monitor1010 biologist left site

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/15/2019 2:01 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 15, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

11:56

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

1-5

End Time

13:59

End Temperature

52

End Cloud Cover

100

End Wind Speed

1-5 raining

Construction Activity and Personnel

No work in reservoir due to rain

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Cora, OATI, BLPH, MALL, CASJ, HOME, YRWA, RTHA, LEGO, ANHU, NOMO, SOSP, CALT, RSHA, NOFL, WRTI, HOFI, ACWO, EUST, Coyote (heard)

Topics to Cover on the Next Monitoring Day

Fix damaged fencing in NW corner and near Alta Dena Drain. Replace ESA signs with something weather proof.

Log Entry #1

1200 onsite for 2x weekly site visit. No construction activities taking place due to rain. Areas where fence is damaged noted. Several 10+ ESA signs retrieved from trail/reservoir. Overall no major issues on-site. All vegetation has been removed, only small amounts of twig debris and dirt piles remain. 1400 left site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/16/2019 1:15 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 16, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

11:41

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

1-4 raining

End Time

13:30

End Temperature

57

End Cloud Cover

100

End Wind Speed

1-5 raining

Construction Activity and Personnel

No Construction due to rain

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ROPI, MODO, CASJ, NOFL, CALT, WEBL, EUST, SAPH, RSHA, YRWA, OATI, SPTO, CORA, BLPH

Topics to Cover on the Next Monitoring Day

Minor fence repairs needed.

Log Entry #1

1140 arrived on site for 2nd of twice weekly site visits. Openings in fence noted along southwest side. 1330 left site, no bio issues observed. Minor fence repairs needed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/23/2019 12:57 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 23, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

45

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

09:45

End Temperature

57

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Twice weekly site visit/inspection

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

LEGO, AMCR, BLPH, SPTO, HOFI, racoon (tracks), ANHU, parrot sp., CSJA, SOSP, MALL, NOFL, CATH, BUSH, WCSP, CALT, WREN, CORA, EUST, coyote (vocalizations), YRWA, WEBL, ALHU, SAPH, NUWO, BEWR, CAQU, ACWO, RTHA,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

Downed fence: at Alta Dena drainage, along west side just north of entrance from staging area, along road near basins, at northern boundary of initial sediment removal area, along west side and restoration areas.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Log Entry #2

Observed horse tracks in construction site

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

0744 observed 2 of Griffith crew drive up and begin working on fence on east side.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

Many parts of fence are strained and partly buried due to high flows during storm last week.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #4 Photo C



Log Entry #5

Project signs along fence have washed out of sediment removal area.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Log Entry #6

Fence completely washed out along west side toward southern end.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #6 Photo B



Log Entry #7

0849 observed tractor/small frobt loader witg blade attachment grading road along interior of fence.

Log Entry #7 - Were Photos taken?

No

Log Entry #8

0918 Griffith had repaired many breaks in fence and continues repairs.

Log Entry #8 - Were Photos taken?

Yes

Log Entry #8 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/25/2019 1:39 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.00

Date

Jan 25, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

12:23

Start Temperature

72

Start Cloud Cover

10

Start Wind Speed

0-2

End Time

13:38

End Temperature

75

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

twice weekly site inspection/visit

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CSJA, ANHU, CATH, AMKE, BUSH, SOSP, BLPH, YRWA, racoon (tracks), RCKI, AMCR, coyote, BGGN, SPTO, western side-blotched lizard

Topics to Cover on the Next Monitoring Day

Fence is need of repair/replacement.

Log Entry #1

Multiple areas of downed fence, particularly on western boundary. A major section along the southwestern boundary is missing/washed out and is in need of replacement. Appears to be in same state as site check on Wednesday.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Log Entry #2

Debris (natural and human trash) washed into site from high flows and storm from the previous week. Even tire, metal poles, woody debris...

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

Fence remnants littering site.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #4

certain areas of the fence are so clogged with debris it may prevent wildlife from moving freely through it.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and strokes, likely representing the initials 'JBA'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/29/2019 3:14 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 29, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

55

Start Cloud Cover

80

Start Wind Speed

0-1

End Time

15:13

End Temperature

70

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

JV land clearing and Griffith. One front loader and 3 crew.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

SOSP, WREN, SPTO, Parrot sp, BUSH, AMCR, CALT, CASJ, ANHU, CORA, RTHA, SWTH, NUWO, RCKI, COHA, BLPH, Western fence lizard, shrew, woodrat, BEWR, alligator lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0645 arrived on site 0700 trained 1 new JV crew member. 0730 reviewed work area for day
0830 crew began clearing activities

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1230 Clearing activities continued. 1300 Bat tree removed (Salix snag) using special bat method. Tree inspected, no bat or bat sign removed. 1430 oak tree 65 removed. 1500 crew finished for day. 1 western fence lizard and 1 alligator lizard relocated. 4 woodrats and 1 shrew flushed.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/30/2019 2:06 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 30, 2019

Monitor Name

Taylor Dee

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

0-1

End Time

11:00

End Temperature

59

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Vegetation removal near western access road.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, ANHU, SPTO, AMCR, BEWR, HETH, BUSH, MALL, RTHA, SOSP, RSHA, CORA, LEGO, BUSH, CAGO, CASJ

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 Met JV Land Clearing crew of 3 onsite at staging area. They planned to finish with vegetation removal early today. They would be working near the western access road.

Log Entry #1 - Photos taken?

No

Log Entry #2

0732 started vegetation removal on western access road for the day. One operator using a dozer to clear vegetation.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0800 Operator left to get a chainsaw to remove part of tree without damaging vegetation outside the work limits. He returned shortly with the 2 laborers.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

0845 Clarified boundaries and work limits between restoration area and access road with Lauren Simpson and Luke (LACDPW?). Showed crew where vegetation removal limits were.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

0920 Dozer operator loading haul truck with vegetation debris.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1030 Crew returned to vegetation removal.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #6 Photo B



Log Entry #6 Photo C



Log Entry #6 Photo D



Log Entry #7

1055 Confirmed with operator that they were done removing vegetation for the day. Laborers loaded the dozer bucket by hand with vegetation debris scattered in the southwestern portion to compile into one pile to haul off site. I let him know I'd be leaving if they were done with vegetation removal.

Log Entry #7 - Were Photos taken?

No

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be 'M. De' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/08/2019 9:04 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 8, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:34

Start Temperature

41

Start Cloud Cover

0

Start Wind Speed

0-3

End Time

09:01

End Temperature

63

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Griffith. Working on east access road and fence repair.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

No

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Hofi, MODO, CASJ, amcr, CALT, saph, BLPH, MALL, SOSP, SPTO, HOME, BEWR, kill, ANHU, CATH, RTHA, WEBL, ACWO, SNEG

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0735 Arrived on site for biweekly LBVI site check. Breaks in fence due to rain flows. Maintenance crew working on small fence repairs. No bio issues observed. Trained 3 new Griffith employees. 0900 Left project site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and strokes.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/25/2019 4:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 12, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

Start Time

06:50

Start Temperature

35

Start Cloud Cover

2

Start Wind Speed

0-2

End Time

14:26

End Temperature

66

End Cloud Cover

100

End Wind Speed

0-4

Construction Activity and Personnel

Nature's Image crew hand pulling and cleaning

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

ACWO, WCSP, CALT, EUST, CASJ, RTHA, CATH, YRWA, ANHU, AMCR, KILL, WRTI, SPTO, CORA, DEJU, SOSP, LEGO, MALL, HOME, BEWR, BLPH, gopher snake, NUWO, ALHU, CAQU, NOFL, RCKI

Log Entry #1

0650 arrived on site 0820 NI arrived on site (traffic) 0824 crew began hand pulling pepperweed and hemlock and mustard in drainages. Biologist did LBVI site check, no issues observed. 1200 crew hand pulling and tarping. 1400 crew finished pulling, cleaning up 1415 biologist off site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey 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 Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/25/2019 3:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 15, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:00

Start Temperature

49

Start Cloud Cover

90

Start Wind Speed

0-2

End Time

09:45

End Temperature

55

End Cloud Cover

100

End Wind Speed

0-3

Construction Activity and Personnel

N/A biweekly LBVI site visit

What type of monitoring is being conducted?

Biweekly

Was ESA swept prior to start of work?

N/A

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

EUST, CALT, HOFI, LEGO, SOSP, AMWI, MODO, CORA, BLPH, Parrot, CAGO, NOFL, ANHU, ACWO, CASJ, NUWO, SPTO, RTHA, ALHU, WCSP, SAPH, BEWR, AMCR, YRWA, CATH

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

Heavy flow and inundation at dam. And southern end of project site. No biological issues observed. Several areas of downed fence due to water flows.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/25/2019 3:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 19, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:45

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

0-5

End Time

10:15

End Temperature

51

End Cloud Cover

0

End Wind Speed

0-4

Construction Activity and Personnel

N/A twice weekly site visit

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

N/A

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

HOFL, CASJ, CORA, ACWO, YRWA, BLPH, AMCR, KILL, CALT, MALL, BEWR, ANHU, ALHU, SPTO, CATH, WEBL, WCSP, MODO, HOME, OATI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0845 trained 5 new Griffith crew. Inspected project site, no violations observed. Fence repair will be required prior to Phase 2 initiation. No bio issues observed. No LBVI observed. 1015 off site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/25/2019 3:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 22, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:38

Start Temperature

40

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:10

End Temperature

52

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

N/A twice weekly site visit

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

N/A

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

HOFI, ACWO, CASJ, KILL, NUWO, ANHU, COHA, BEWR, RSHA, RTHA, CORA, MALL, HOME, SPTO, MODO, CALT, BLPH, EUST

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0830 arrived on site, inspected site. No noncompliance issues observed. County clearing debris from behind trash rack. No bio issues observed, no LBVI observed. Will need to fix fence prior to project initiation.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/26/2019 4:54 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 26, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

15:00

Start Temperature

64

Start Cloud Cover

50

Start Wind Speed

1-3

End Time

16:52

End Temperature

64

End Cloud Cover

30

End Wind Speed

0-1

Construction Activity and Personnel

Conduct site check and least Bell's survey.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CATH, NOMO, WREN, BISH, WEBL, YRWA, SPTO, CALT, AMCR, CORA, ANHU, ANRO, OATI, CSJA, RTHA, RSHA, WEME, SOSP, WCSP, TUVU, BEWR, western toad, western fence lizard, western side-blotched lizard, desert cottontail, LEWO, ACWO, NUWO, NOFL, EUST, parrot sp. MODO, ROPI, HOFI, LEGO, CAQU, COHA, BLPH, CAKI, KILL, RCKI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

Have been onsite since 0700 monitoring restoration crew from on west side (0700-1030) and on east side (1030-1500).

Log Entry #1 - Photos taken?

No

Log Entry #2

No vireo observed or heard

Log Entry #2 - Were Photos taken?

No

Log Entry #3

On multiple occasions observed 2 haul trucks driving fast on access roads on east side of site. Trucks not project-related and likely associated with LACDPW.

Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'J. De' or similar, with a large loop at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/27/2019 10:13 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 27, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:15

Start Temperature

50

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

10:15

End Temperature

54

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Site check and least Bell's vireo survey

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

SPTO, CSJA, BEWR, CALT, ACWO, CATH, EUST, MODO, California ground squirrel, desert cottontail, WEBL, LEGO, CORA, WREN, SOSP, COYE, ROPI, YRWA, HETH, gull sp., WCSP, NUWO, WBNU, BLPH, HOFI, RSHA, BUSH, racoon (tracks), NOFL, red-breastes merganser, KILL, MALL

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

Observed a few mulefat plants had branches that appeared damaged/broken and pushed over along mid-east side of project in restoration area. This was not observed yesterday during restoration monitoring. The Nature's Image crew was careful and avoided damaging mulefat while pulling weeds. The damaged mulefat is likely non-project related.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A**Log Entry #2**

No nesting/breeding behavior or least Bell's vireo observed.

Survey Completed?

Yes

Signature

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/01/2019 9:11 AM

Date

Feb 28, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

Start Time

06:45

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0

End Time

05:34

End Temperature

65

End Cloud Cover

75

End Wind Speed

1-3

Construction Activity and Personnel

Deilling crew, 6 people, small drilling truck and large drilling 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

Mallard, cottontail, CASJ SAPH AMCO HOFI SPTO ANHU RTHA KILL CATO, painted ladies, CAGO

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

Start wind 1-3 mph. 0645 bio arrived on site, conducted sweep of areas to be within 300ft of drilling. One unoccupied nest observed. Crew arrive 0710, no weap training needed. Drilling began 0730. Drilling complete 1734, bio 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

A handwritten signature in black ink, consisting of stylized, cursive letters.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/04/2019 3:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 4, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

12:15

Start Temperature

63

Start Cloud Cover

95

Start Wind Speed

1-3

End Time

14:15

End Temperature

61

End Cloud Cover

100

End Wind Speed

1-2

Construction Activity and Personnel

Site check & least Bell's vireo survey

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

WREN, CSJA, SPTO, CALT, CATH, WREN, BEWR, common racoon (tracks), ANHU, LEGO, BGGN, ACWO, RTHA, NOFL, MODO, NRWS, AMCR, western side-blotched lizard, RSHA, NUWO, Hooded merganser, MALL, CORA, BUSH, HOFI, KILL, RCKI, YRWA, SOSP, NOMO, BLPH, SAPH, AMKE, EUST, WEBL, desert cottontail,

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

Lots of debris, including trees, washed into site likely from storm over weekend. (Pictures of east side at south and north end).

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

Observed 2 swings in restoration area along west side and near Berkshire creek. Also observed recreationists walking on project site.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

No least Bell's vireo or any other sensitive biological resource was detected.

Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'J. M. De' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/08/2019 1:31 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 8, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:35

Start Temperature

52

Start Cloud Cover

5

Start Wind Speed

1-5

End Time

12:28

End Temperature

64

End Cloud Cover

50

End Wind Speed

0-4

Construction Activity and Personnel

No Project work today

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

N/A

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

HOFI,WTSW, ANHU, SOSP, AMCR, RTHA, HOFI, OATI, KILL, CASJ, NUWO, MODO, CALT, SPTO, BEWR, MALL,CEWA, HOME, HETH, YRWA, NOFL, LEGO, HUVI, ACWO, TUVU, COHA, LEWO,BUSH, EUST, WEBL, western fence lizard, painted lady butterflies, BGGN,CAQU, WCSP, OSPR, TRSW, RCKI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0830 Arrived on site and began site inspection and also to look for LBVI and nesting birds. One CASJ nest found at NE corner of the site. 200ft buffet established. Notified Griffith foreman. Logged in Collector. No noncompliance issues observed. Fencing will need repair before project starts again. Project is in compliance with all ESA conditions. No LBVI observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized 'S' followed by a smaller, more fluid 'm' or 'n' shape.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/11/2019 3:06 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 11, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

13:00

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:45

End Temperature

61

End Cloud Cover

95

End Wind Speed

2-4

Construction Activity and Personnel

Griffith crew doing measurements and staging along eastern access road. Biologist onsite to document a ANHU nest.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

Other Wildlife Species Observed

WCSP, CALT, COHA, ROPI, RTHA, ANHU, BLPH, CASJ, LEGO

Topics to Cover on the Next Monitoring Day

Avoid ESA and nest buffers. Don't loiter, park, or idle construction equipment or vehicles next to them.

Log Entry #1

Observed nest in oak tree. The nest is located in the crook/bend of a branch at the bottom of the canopy towards the north west side of the tree.

Log Entry #1 - Photos taken?

No

Log Entry #2

Two nestlings were observed in the nest. Nestlings appear relatively large and feathered. No bare spots were visible when one stretched and fluttered its wings.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

Observed a female adult ANHU fly from a branch near the nest and perch at the top of an oak tree adjacent (on the north side) to the nest tree. The ANHU vocalized from her perch. Throughout the observation the ANHU flew and vocalized in the immediate vicinity of the nest. The female ANHU was also observed perching in the area and vocalizing on and off. Nest appears tolerant of surrounding activities. Female visited nest when biologist was within 50 feet. No disturbances were observed.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

After confirming with Project Managing Biologist, a buffer was established surrounding the nest and the biologist flagged the area. Joe, The Griffith foreman, was notified and shown the

flagged edges of the no idling/parking/loitering buffer. He said he would notify the rest of his crew and point the flagging out to LACDFC officials.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

Log Entry #5 - Were Photos taken?

Log Entry #6

Log Entry #6 - Were Photos taken?

Log Entry #7

Log Entry #7 - Were Photos taken?

Log Entry #8

Log Entry #8 - Were Photos taken?

Log Entry #9

Log Entry #9 - Were Photos taken?

Log Entry #10

Log Entry #10 - Were Photos taken?

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/13/2019 10:41 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 13, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:34

Start Temperature

46

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

10:45

End Temperature

57

End Cloud Cover

0

End Wind Speed

2-4

Construction Activity and Personnel

Site check & LBVI survey. Adam monitoring Nature's Image crew spraying herbicide on west side.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

NOMO, ANHU, WREN, LEGO, BLPH, ACWO, common raccoon, KILL, AMCR, WTSW, SPTO, CORA, CAGO, SOSPO, coyote, parrot sp., BEWR, CSJA, NOFL, NUWO, desert cottontail, CATH, COYE, WCSP, BUSH, CALT, CAQU, EUST, MODO, WEBL, YRWA, MALL, AMRO, RTHA, ALHU, HOFI, western fence lizard.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0735-0745 Observed female ANHU fly to perch in nest (ANHU-1) tree and then fly to nest shortly after before flying away. Nestlings were no visible from any angle. Nest appears to still be in feeding chicks stage.

Log Entry #1 - Photos taken?

No

Log Entry #2

0845- 0909 Observed CSJA-1. 0902 Observed 1 CSJA fly from nest location in top southeast quadrant of oak tree. 0904 one CSJA flew from nest location to perch in adjacent tall nonnative tree while another CSJA flew into nest tree. Joggers and walkers, most with off leash dogs passed within 5 feet of nest tree. Nest appears to still be nest building.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

More trees in work area. Appeared to have been washed in from recent storms and associated high flows.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

Common raccoon sleeping on stickpile in shamel ash tree immediately east of trail and restiration area (DG-4). Location recorded in Collector App.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #5

No nesting birds. LBVI, or other sensitive biological resources observed.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to read 'M. H.' or similar.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/18/2019 6:43 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 18, 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

15:20

End Temperature

81

End Cloud Cover

10

End Wind Speed

0-2

Construction Activity and Personnel

1. One bulldozer, one backhoe, one vibratory soil compactor, one water truck 2. Five personnel, (Griffith Construction), one foreman (Joe), two operators, one water truck driver, one laborer.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, MODO, SPTO, WSCJ, BLPH, CALT, HOFI, YRWA, ANHU, AMCR, SOSP, HOWR, WEBL, NRWS, BUSH, DEJU, ROPI, RLPA, KILL, RTHA, HUVI, BEWR, WCSP, Baja California treefrog, western fence lizard, common side-blotched lizard, CA ground squirrel, desert cottontail

Topics to Cover on the Next Monitoring Day

None

Log Entry #1

0705, Attended tailboard meeting at construction trailer and discussed plan for the day.

Log Entry #1 - Photos taken?

No

Log Entry #2

0805, Monitored road grading on the western access road. Two new nests were identified (both ANHU). No LBVI were observed and all activities were compliant with the Project's ESA measures.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

Handwritten signature in black ink.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/19/2019 3:16 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 19, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

56

Start Cloud Cover

80

Start Wind Speed

0-1

End Time

15:12

End Temperature

68

End Cloud Cover

75

End Wind Speed

0-2

Construction Activity and Personnel

Griffith crew using front loader and small excavator to scrape down dirt at west access road and east access road. 4 personnel.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, hofi, ANHU, CASJ, SPTO, SOSP, BEWR, EUST, WTSW, AMRO, CALT, AMCR, parrot, RCKI, ALHU, NRWS, BUSH, LEGO, HETH, WEBL, DEJU, YRWA, DOWO, MODO, Cottontail, Wfence, OATI, COHA, ACWO

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0655 Arrived on site and attended tailboard. 0705 Trained 1 Griffith crew member. 0730 Crew began taking down dirt along west access road. Checked ANHU-2 and ANHU-3 both incubating and not affected by work. New nest MODO-1 discovered, nest building. Outside of work area, 50ft buffer established. Will not affect work 1030 crew moved to east access road work, compacting soil near retaining wall and excavating north of Krail. Checked ANHU 1, female observed bringing nesting material to and sitting on nest, may be on 2nd brood. New nest BLPH-1 located east of trailers on private property. Buffer established will not affect work. 1500 Crew wrapping up. No bio issues observed. No LBVI observed. Activities were compliant with ESA permit conditions.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized, cursive 'S' followed by a horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/20/2019 12:24 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 20, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

12:15

End Temperature

55

End Cloud Cover

55

End Wind Speed

0-1

Construction Activity and Personnel

Monitored Griffith crew using excavator to move dirt from west access road (outside of Project boundaries) to east access road and then smoothed and rolled. Jerry A. monitoring restoration.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

MODO, BEWR, AMCR, BLPH, CASJ, parrot sp., ANHU, BUSH, CALT, RCKI, YRWA, HOFI, WTSW, BGGN, HOWR, CORA, ROPI, DOWO, SOSP, LEGO, HUVI, HETH, RTHA, NRWS, DEJU, SPTO, California ground squirrel.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0655 Griffith tailboard meeting. Joe explained they'd be removing dirt near western access road and hauling it to fill east access road area. Some crew members need WEEP training. Sweeper will be operating on street between hauls.

Log Entry #1 - Photos taken?

No

Log Entry #2

0707-0730 Gave WEAP training.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

**Devil's Gate Reservoir Restoration Project
Worker Education Training Program
Sign-in Sheet**

By signing your name below, you agree that you attended the Worker Education Training presented by the Project Biologist/Biological Monitor and understand all of the biological issues pertaining to the Devil's Gate Reservoir Restoration Project Site.

	Date	Printed Name	Signed Name	Company
118-1	3/20	RICHARD LADHAM	[Signature]	S. G.
119-2	3/20	Robert [unclear]	[Signature]	HBE
120-3	3/20	Jeanie Patten	[Signature]	ELORD
121-4	3/20	Taylor Dee	[Signature]	Chor & Son
119-5	3/20	Amor Perez	[Signature]	
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				
21				
22				

Project Biologist/Monitor (print): _____

Location of Training: _____

Log Entry #3

0740 Work started at western access road area. Crew using excavator to load haul trucks with previously compiled dirt along access road. Haul trucks moving dirt to eastern access road.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

Griffith crew smoothing newly transported dirt with sheep's toe roller and filling eastern access road area.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #5

Observed ANHU incubating in ANHU-2. Observed MODO pair mating in nest at MODO-1. Female was sitting in nest and male brought a stick before initiating copulation.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1130-1142 No activity observed at ANHU-1. No ANHU detected in vicinity. 1136 started raining.

Log Entry #6 - Were Photos taken?

No

Log Entry #7

1150 Joe (Griffith foreman) stopped work due to rain and 1 of the haul trucks had a broken air bag. Passed out WEAP stickers to newly trained crew before leaving site.

Log Entry #7 - Were Photos taken?

No

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be 'J. Griffith', written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/21/2019 2:08 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 21, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:44

Start Temperature

48

Start Cloud Cover

100

Start Wind Speed

1-2

End Time

14:00

End Temperature

52

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Griffith crew continuing work from yesterday: loading haul trucks in western access road and lower staging area east of sediment removal area to fill eastern access road. Adam S. monitoring restoration. No impacts to nesting birds or other sensitive biological resources.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

HOFI, BEWR, ACWO, BUSH, AMCR ANHU, parrot sp., ROPI, LEGO, HUVI, CAKT, CASJ, HETH, CORA, DEJU, KILL, YRWA, BLPH, SPTO, MODO, SOSF, WCSP, CATH, COYE, NOMO, CAKI, WTSW, EUST, NOFL, HOWR, California ground squirrel, NRWS

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0644-0655 Conducted sweep of eastern access road work area. No activity observed at ANHU-1 and no ANHU detected in the vicinity of ANHU-1.

Log Entry #1 - Photos taken?

No

Log Entry #2

0655 Griffith tailboard. Joe (Griffith foreman) said they would be continuing activities from yesterday: Loading haul trucks with previously compiled dirt from the western access road and using it to fill the eastern access road area. Gave WEAP training to 3 new crew members (sticker number 123-125).

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3 Photo B



Log Entry #4

0855-0928 Observed work in the eastern access road area. No ANHU detected in vicinity and no activity at ANHU-1. Observed BLPH foraging in work area while construction activities were ongoing and make 2 trips with mud to BLPH-1.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

1013-1044 Joe asked if an area between the eastern access road and Oak Grove Dr. could be checked as they plan to clear it tomorrow or Monday. Area only contained newly sprouted low cover vegetation that was almost entirely nonnative. Adjacent to oak tree #21 but it was anticipated to be partially impacted in the Tree Report. Joe said they would not be removing any of the adjacent native vegetation. No nests or nesting birds detected in the area immediately adjacent however a BLPH continued to collect mud inside the work area as construction activities continued. Photos looking east, and then south (of oak tree #21).

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Log Entry #5 Photo B



Log Entry #6

1050 Griffith crew loading previously stockpiled dirt into haul trucks with backhoe in lower staging area east of sediment removal area and north of construction/trailer yard. Crew (excavator and spotter) done working on western access road. Dirt hauled to fill eastern access road.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #7

1327 Crew done on eastern access road and in lower staging area. They moved to northern access road entrance to work on shaker plates. Confirmed with Joe that no other work was planned that required a monitor and then left the site.

Log Entry #7 - Were Photos taken?

Yes

Log Entry #7 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and strokes.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/22/2019 3:27 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 22, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:17

Start Temperature

44

Start Cloud Cover

5

Start Wind Speed

0-1

End Time

15:00

End Temperature

68

End Cloud Cover

25

End Wind Speed

0-3

Construction Activity and Personnel

Griffith crew using front loader to smooth deposited dirt from haul trucks.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, CALT, Cora, hofi, parrots, COHA, ANHU, SPTO, NRWS, CAGO, KILL, AMCR, BEWR, NOFL, OATI, WTSW, OSPR, RTHA, cottontail, southern pacific rattlesnake, ACWO, NOMO

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0645 arrived on site, discussed work plan for day. Swept area. 0715 crew prepping road for dump trucks 0800 dump trucks began depositing fill at east access road. Observed ANHU-1 incubating on nest at several points throughout day, does not appear affected by current work activities. Observed BLPH-1 nest building activities continuing through day. No new nests observed. 1000 was summoned by NI crew to relocate baby rattlesnake found during restoration activities. Relocated to south side of dam to prevent re-encounter. 1300 crew continuing road formation in east side. 1500 biologist left site. No bio issues observed. No LBVi observed. Project activities were compliant with permit conditions.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized 'U' followed by a series of loops and a final upward stroke.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/25/2019 3:34 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 25, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:52

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

15:30

End Temperature

77

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Griffith crew used backhoe and rollers to fill and smooth area on west side of reservoir for scales. Haul trucks delivering base for fill. Adam S. Monitoring restoration.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, WTSW, SPTO, HOFI, EUST, NRWS, ROPI, ACWO, LEGO, ANHU, NUWO, YRWA, parrot sp., KILL, SOSP, CASJ, BUSH, RTHA, AMCR, CORA, BEWR, HUVI, western fence lizard, BTPI

Topics to Cover on the Next Monitoring Day

Set up stakes for nest buffers that extend into sediment removal area.

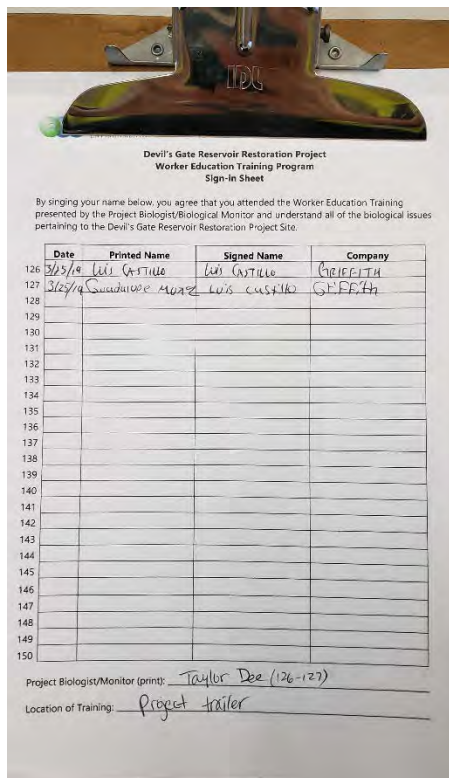
Log Entry #1

0655 Griffith tailboard. Plan to work in western access road area and in lower staging area east of reservoir. Plan to move dirt piles and compact. Eventually water tank will be moved west, closer to reservoir on other side of access road. Conducted WEAP training for two of Griffith crew.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Devil's Gate Reservoir Restoration Project
Worker Education Training Program
Sign-In Sheet

By signing your name below, you agree that you attended the Worker Education Training presented by the Project Biologist/Biological Monitor and understand all of the biological issues pertaining to the Devil's Gate Reservoir Restoration Project Site.

Date	Printed Name	Signed Name	Company
126 3/25/19	Luis Castillo	Luis Castillo	GRIFFITH
127 3/27/19	Signature: Luis Castillo	Luis Castillo	GRIFFITH
128			
129			
130			
131			
132			
133			
134			
135			
136			
137			
138			
139			
140			
141			
142			
143			
144			
145			
146			
147			
148			
149			
150			

Project Biologist/Monitor (print): Taylor Doe (126-127)
Location of Training: Project Trailer

Log Entry #2

0715 Construction activities started. Crew mobilizing heavy machinery/equipment to staging area. No activity observed at ANHU-1 but an ANHU was heard vocalizing in the nest tree.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0740 Crew using backhoe at staging area to move dirt piles and prep area for water tank. On west side of reservior 1 backhoe and 1 sheep's tie roller smoothing area for scales while haul trucks deliver base. Work is adjacent but outside buffers for ANHU-3 and ALHU-2.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #3 Photo C



Log Entry #4

0830 Investigated potential Killdeer nest, reported by citizen, located in reservior. Pair were observed in location with 1 sitting in depression. Pair walked away as biologist approached, vocalized quietly and did not perform broken wing display. Depression and surrounding area was inspected for sign of nesting but no sign, including eggs, was observed. Location recorded in Collector. It is SE of water truck/access road through reservior.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #5

0830-1121 Crew continued to work on area planned for scales in west side of reservoir. Backhoe still in operation but sheep's toe roller switched out for flat roller. Backhoe pushing dirt, in ANHU-3 buffer while biologist observed nest. ANHU continued to incubate while work activities occurred within 115 feet. No disturbances were observed. Documented 3 new nests in adjacent mitigation area west of Project site: ANHU-5, LEGO-1, and ANHU-7. Locations and observations recorded in Collector.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Log Entry #5 Photo B



Log Entry #6

1150 Backhoe and roller activity within ANHU-3 buffer while biologist monitored nest. Female ANHU stayed on nest and continued to incubate while construction activities occurred approximately 130 feet from nest. No signs of disturbance were observed.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #7

1412 construction activity at staging area is still occurring. Backhoe loader and 1 crew member working on trench. 1428 ANHU-3 Female still incubating while construction occurring within 115 feet of nest.

Log Entry #7 - Were Photos taken?

Yes

Log Entry #7 Photo A



Log Entry #8

1530 Crew wrapping up work and taking equipment back to construction yard. Work done for the day. No impacts to nesting birds or other sensitive biological resources .

Log Entry #8 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'M. J. Smith' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/27/2019 3:52 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 26, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

51

Start Cloud Cover

60

Start Wind Speed

0-3

End Time

15:28

End Temperature

78

End Cloud Cover

30

End Wind Speed

0-3

Construction Activity and Personnel

Griffith Co. 8 personnel. Crew smoothing dirt area for scale placement in reservoir, digging water line, removing kral, smoothing west access road.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Cora, hofi, ANHU, ALHU, lego, CASJ, NRWS, BEWR, BLPH, AMCR, RTHA, CALT, mall, ROPI, EUST, SOSP, WTSW, YRWA, NUWO, MODO, psfl

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0650 arrived onsite, attended Griffith tailboard and got work plan for day. Discussed potential for killdeer nesting in reservoir. 0700 swept work area, searched for nests near southwest corner of site, found one new ANHU nest. Added 100ft buffer. Monitored soil movement for scale platform. No bio issues observed. No KILL observed. 1230 added staking around nest buffers where buffers extend into work area 1300 crew moved to west access road, monitored dirt scraping. 1530 biologist left site. No bio issues observed, no LBVI observed, all project activities compliant with permits.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



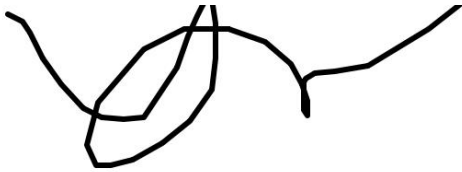
Log Entry #1 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and curves, positioned below the word "Signature".

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/27/2019 3:29 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 27, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

06:46

Start Temperature

48

Start Cloud Cover

75

Start Wind Speed

0-1

End Time

15:30

End Temperature

70

End Cloud Cover

50

End Wind Speed

2-4

Construction Activity and Personnel

Monitored Griffith crew use backhoes at access roads and at scale platform area within sediment removal area. Work mainly involved using backhoes to smooth upper western access road. Also laying pipe in trench at eastern access road. Adam S. monitoring restoration

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

Other Wildlife Species Observed

BLPH, EUST, CASJ, ROPI, NRWS, HOFI, KILL, ANHU, LEGO, parrot sp., BUSH, BEWR, accipiter, CAGO, SOSP, CALT, WTSW, HETH, NUWO, SPTO, YRWA, CORA, California ground squirrel, RTHA, DEJU, western fence lizard, MODO, desert cottontail, ACWO, RSHA

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0655 met Griffith crew for tailboard. Joe, Griffith foreman, said they would be working mainly in western access road area. But scales should be coming today and crane needs access on western side of platform (in sediment removal area) so backhoe will smooth out that area. Also some Griffith crew will be laying pipe in trench in eastern access road area. An AT&T crew would also be working in the eastern access road area. Crew aware of nearby nest buffers and plan to avoid them. Conducted WEAP training for 1 Griffith crew member.

Log Entry #1 - Photos taken?

No

Log Entry #2

0720 Crew mobilizing equipment to work areas. Crew using backhoe with excavator attachment laying pipe in trench in eastern access road area (photo A). A backhoe pushing dirt to smooth for crane access on the west side of scale platform area in Reservoir (photo B). ANHU female incubating at ANHU-3 as work occurred.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

0750 Backhoe finished smoothing area near scale platform and mobilized to western access road area by going up to east side and around to avoid nest buffers at lower western access road. Backhoe and roller smoothed western access road in upper areas near Oak Grove Dr. and asphalt trail. Female ANHU observed in nest in incubation posture at ANHU-2.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #4

1015 Scales arrived onsite. By 1030 crane arrived and crew started preparing to unload scales on dirt platform. Work did not encroach on nest buffers.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #5

1125 Observed two personnnel, including 1 Edison worker, were talking in ANHU-2 buffer. ANHU female remained in nest in incubation posture while workers talking approximately 77 feet away from nest. Biologist informed them of the nest buffer and pointed out the ESA stakes. They said they would avoid the area. No disturbances to ANHU-2 were observed. 1158 Observed MODO-1. MODO on nest in incubation posture while another MODO, presumably the mate, was perched on powerline above nest.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1200 Griffith crew at eastern access road preparing pipe for trench: welding pipe just above trench. 1250 Monitored ANHU-2 while Joe and Scott from Griffith passed by on access road to inspect northern portion of access road in reservior. Female ANHU remained in nest incubating for the duration of the observation including while the two passed by, and later came back, within 50 feet of nest. The ANHU did not display any signs of disturbance.

Log Entry #6 - Were Photos taken?

No

Log Entry #7

1345 Work still ongoing at western access road involving backhoe and roller. Work did not encroach on nest buffers (photos A-B). 1400 pipe work still occurring at eastern access road (photo C).

Log Entry #7 - Were Photos taken?

Yes

Log Entry #8

1405 Found HOFI nest building on east side of project area. Recorded in Collector. Female carried sticks to nest when biologist was only 20 feet away. Male HOFI accompanied female and sang while female placed sticks at nest. The pair appeared tolerant of surrounding activities. The biologist established a buffer then notified the foreman and pointed out the buffer boundaries.

Log Entry #8 - Were Photos taken?

No

Log Entry #9

By 1445 scales were completely unloaded at the scales platform. Work still occurring at both access roads.

Log Entry #9 - Were Photos taken?

Log Entry #10

1530 work done for the day. No impacts to any sensitive biological resources.

Log Entry #10 - Were Photos taken?

No

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/28/2019 3:38 PM

Date

Mar 28, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

52

Start Cloud Cover

25

Start Wind Speed

0-1

End Time

15:30

End Temperature

68

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

Monitored Griffith crew working on access roads: compacting & smoothing on western access road with backhoe and roller; laying and setting pipe in trench at eastern access road. Jackhammering/ripping concrete at both access roads then loading into haul trucks. Areas where pavement will be entrance-exit/access from Oak Grove Drive to access road. These access ramp areas were filled using backhoe and base deliveries via haul trucks. AT&T crew working in eastern access road area installing underground round concrete vault.

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

parrot sp., ACWO, BLPH, ROPI, NRWS, WTSW, CALT, EUST, ANHU, KILL, BUSH, NUWO, SPTO, WREN, YRWA, LEGO, HUVI, BEWR, MODO, RTHA, COHA, HOWR

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 Griffith crew for tailboard. Conducted WEAP training for 3 new crew members. 0730 Construction activities started. Encroachment on oak tree #21 and #32. Jackhammered pavement along Oak Grove Drive and used backhoe with excavator attachment to dig. Low-cover nonnative weeds that popped up from recent rains were also cleared south of #21 so digging could be done as part of access roads. Haul trucks delivered base and backhoe filled newly dug area south of #21. For oak tree #32 excavating activities encroached within 10 feet of southern edge of dripline and within the 30 ft root protection zone on the east side. For oak tree #21 excavating activities encroached upon south and southwest portion of 7 ft root protection zone. Monitored ANHU-1 & HOFI-1 while crew relocated signage within nest buffers to an area further away. No impacts to nesting birds. 1530 work done for the day.

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 stylized, cursive letters.

Submitted By: SoCal_Bio

Submitted Time: 03/29/2019 5:17 PM

Date

Mar 29, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

Carley Lancaster

Start Time

07:00

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

14:15

End Temperature

71

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

1. One tractor loader, one soil compactor, one water truck, multiple dump trucks 2. Five personnel (Griffith Company, Joe)

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

CANG, BLPH, EUST, CALT, BEWR, CASJ, ANHU, CORA, ROPI, NRWS, WTSW, RLPA, SOSP, YRWA, RTHA, AMCR, DEJU, SPTO, MODO, CA ground squirrel, common side-blotched lizard, 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

0715- monitored crew laying dirt and gravel on western access road, smoothing it out with a tractor loader, and compacting it with a soil compactor. 0910- monitored Joe in the backhoe digging holes to collect soil samples in the sediment removal area. 1000- identified new CASJ nest (CASJ-4) in a laurel sumac adjacent to the access road where the crew is working. It was established that the crew could continue working within the buffer as long as a bio monitor is present to monitor the nest for signs of disturbance.

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. R. H.", is written below the signature label.

Habitat Restoration Monitoring Logs

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/02/2019 1:47 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.00

Date

Jan 2, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Jerry Aguirre, Torrey Rotellini, Caroline Nalezny, Todd Chapman

Start Time

07:00

Start Temperature

38

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

13:30

End Temperature

61

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy vegetation. Crew consisted of 19 laborers and one foreman (Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CASJ, YRWA, AMCR, SPTO, CALT, BEWR, ACWO, MODO, WCSP, BUSH, EUST, HOFI, SOSP, RSHA, RCKI

Topics to Cover on the Next Monitoring Day

Areas of focus. Eucalyptus tree removal.

Log Entry #1

0645, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

0700, Nature's Image crew removed weedy vegetation consisting mostly of LEPLAT and disposed of it at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

0930, met with LACDPW. Discussed work and disc golf coordination.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1330, conducted final sweep. Crew done removing material and will only be conducting cleanup for remainder of day.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'A. J. [unclear]'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/03/2019 4:08 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 3, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Caroline Nalezny

Start Time

06:58

Start Temperature

43

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:00

End Temperature

64

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Restoration, 19 laborers with hand tools

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RCKI, CORA, field mouse, wood rat, CASJ, CALT, BLPH

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, participated in tailboard with nature's image. Swept area to have non-native removal take place. No areas of special concern noted. 1100 lunch

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

Resumed work at 1200, crew tarping and throwing away what was pulled this morning. Conducted final sweep of area at 1345, biologist left site at 1400.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

By R. M. L.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/09/2019 7:55 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 4, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:13

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

3-5

End Time

14:00

End Temperature

62

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Non-native removal, 19 laborers with hand tools

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RSHA, HOFI

Topics to Cover on the Next Monitoring Day**Log Entry #1**

0713, participated in tailboard. Crew clearing non-natives near ESA fence area east of DG 5. Crew will continue moving north along fence, will be clearing area near DG 5 area and along the western boundary Monday.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1200 back from lunch, crew bagging what was pulled this morning. Biologist left site at 2:00.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of two parts: a stylized 'J' or 'I' followed by a series of loops, and a second part that appears to be 'M' or 'L' with a long, sweeping tail.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/22/2019 7:32 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 8, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

51

Start Cloud Cover

90

Start Wind Speed

0-3

End Time

13:15

End Temperature

66

End Cloud Cover

90

End Wind Speed

0-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 19 workers and one foreman (Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ACWO, CASJ, NOMO, MODO, CALT, SPTO, RSHA, ANHU, BEWR, WCSP, YRWA, EUST, RCKI

Topics to Cover on the Next Monitoring Day

Cleanup.

Log Entry #1

0700 Conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0715, Nature's Image crew removed weedy plant material from DG-4 and DG-4A. All removed material was disposed of at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1315 Conducted final sweep. Crew done removing for day.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A**Survey Completed?**

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/09/2019 3:00 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 9, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:05

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:00

End Temperature

66

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

20 laborers, hand tools

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

RSHA, BUSH, alligator lizard, CORA, RTHA, CASJ

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0704 crew tailboard. Clearing vegetation from area north of DG5. 0837, crew holding safety meeting with Haydee.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1100 lunch, back to pulling non native around 1200. Crew done pulling veg 1330, finished bagging at 1445. 1445 conducted final sweep of area. Biologist left site at 3:00.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

Jim R-M

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/10/2019 2:10 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 10, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:04

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:07

End Temperature

62

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

Restoration/Invasive removal. 19 laborers with hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMKE, BLPH, Western Toad

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0705, arrived on site. Discussed plan in regards to herbicide spraying, Weather.gov stating 30% chance of rain so no spraying today. Will check on Monday but chance of rain nearly all next week.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

1200 back from lunch, continuing non-native clearing. 1345 conducted sweep of area, crew still bagging out cleared vegetation into dumpster. No areas of special concern. 1407 biologist left site.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

[Handwritten signature]

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/11/2019 2:05 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 11, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:24

Start Temperature

47

Start Cloud Cover

35

Start Wind Speed

1-3

End Time

14:03

End Temperature

61

End Cloud Cover

70

End Wind Speed

1-3

Construction Activity and Personnel

19 laborers with hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, alligator lizard, CASJ, HOFI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0713 crew started removing non-native vegetation. 0905, had to reiterate to crew procedures for working in thick mule fat, "only remove veg about an arms length into mule fat, if you need to move branches and there is a chance they may break, you're going too far."

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1200 back from lunch, crew cleaning up veg piles pulled earlier and dumping in bins. 1345 swept area for any issues, nothing found. Bio left site at 1405.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

Tom KALIS

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/18/2019 2:36 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 18, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

48

Start Cloud Cover

15

Start Wind Speed

0-1

End Time

14:30

End Temperature

61

End Cloud Cover

25

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image crew of 16 with foreman Ron, removing nonnative vegetation by hand-pulling and use of hand tools. Nonnative vegetation removed consisted primarily of perennial pepperweed and mustard.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CALT, SOSP, AMCR, ANHU, NOFL, BLPH, RTHA, LEWO, CSJA, WEBL, RCKI, WCSP, CATH, BEWR, SPTO, western toad, desert cottontail, SNEG, CORA, HOFI, DEJO, YRWA, ACWO, GBHE, BCSP, MALL, SSHA, MODO, ROPI, SAPH, RSHA, BRBL, southern alligator lizard, southern pacific rattlesnake

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715 Discussed plan of the day with Ron. Site is very saturated so the crew will focus on west side and avoid the eastern portions that are too wet and muddy. Began monitoring nonnative vegetation removal.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0745 As per Carley's suggestion I told Ron that if the crew was limited on areas to work on due to the muddy conditions they could work further north in the alluvial fan sage scrub since it may be dryer or less saturated. He said they may depending on their progress.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0755 Observed decaying western toad carcass. Bloated and rotting legs. Not projected related.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

0958 Observed construction fencing down on western side. Appears to be caused by the rainfall over the last 3-4 days.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #5

1045 Crew finished weed pulling and will start clean up and loading debris into burlap bags for disposal after lunch. Relocated 1 alligator lizard and 2 western toads south of where the crew was working to avoid trampling or injury.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1200 crew began loading removed nonnative vegetation debris into burlap and disposing into bins.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #6 Photo B



Log Entry #7

1345 Two juvenile southern Pacific rattlesnakes relocated away from crew.

Log Entry #7 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'J. M. Lee' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/08/2019 11:50 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 22, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

46

Start Cloud Cover

2

Start Wind Speed

1-3

End Time

13:30

End Temperature

62

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material in DG-4, DG-4A, and DG-4B. Nature's Image crew consisted of six laborers and one foreman (Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCR, ACWO, EUST, CASJ, MODO, YRWA, WCSP, CALT, WREN, CATH, BLPH, coyote, bobcat (tracks), raccoon (tracks), NUWO, RSHA, COHA

Topics to Cover on the Next Monitoring Day

Herbicide use.

Log Entry #1

0700, pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0715, crew began removing nonnative weeds using hand tools. All removed material disposed of at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1320, crew done with removal for day, conducted final sweep.

Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized initial 'A' followed by a series of connected, fluid strokes that end in a sharp, upward-pointing flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/23/2019 5:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 23, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

Start Time

07:24

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:03

End Temperature

66

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Crew of 5, 2 people staying herbicide. 3 people pulling non-natives. 2 wheel barrows, hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

AMCO ALHU CASJ BLPH BUSH Fence Lizard

Log Entry #1

0722, crew on site. Only 5 crew today, not expecting much production today. 2 people spraying herbicide, first day of spraying. Will bounce back and forth between veg removers and herbicide sprayers. 0817, crew does not have access to maintenance facilities, could not get water for herbicide. Spraying postponed for now

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1200 back from lunch, crew baggin vegetation pulled this morning and emptying into the trash bins. 1350 conducted sweep of area of invasive removal. Crew bagging out the rest of what they pulled today and cleaning up area around trash bins. Biologist left site at 2:00

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "M. K. H." with a vertical line below the "H".

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/24/2019 2:34 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 24, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

Start Time

06:44

Start Temperature

49

Start Cloud Cover

10

Start Wind Speed

0-2

End Time

13:25

End Temperature

73

End Cloud Cover

35

End Wind Speed

1-4

Construction Activity and Personnel

Nature's Image - Ron Crawford + 2 crew Hand tools- shovels, rakes, wheel barrels, tarps

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

NOMO, CORA, WEGU, BUSH, CALT, BEWR, WESJ, NOFL, WREN, ANHU, ACWO, MODO, EUST, MALL, BLPH, SOSP, HOFI, SAPH, western fence lizard, coyote, NUWO, SPTO

Log Entry #1

0715, monitored Natures Image crew manually clear non-native vegetation in the DG-4, DG-4B, and DG-4C areas. Vegetaion debris was removed using tarps and wheel barrels and deposited in project supplied dumpster bins.

Log Entry #1 - Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'Ruth' followed by a stylized flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/25/2019 1:39 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 25, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

48

Start Cloud Cover

20

Start Wind Speed

0-1

End Time

14:30

End Temperature

75

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Monitoring Nature's Image crew of , remove nonnative vegetation for restoration.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CSJA, MALL, BEWR, AMCR, EUSR, WREN, CALT, SOSP, SPTO, MODO, MALL, WEBL, RTHA, GBHE, CATH, RSHA, NOFL, HOFI, BLPH, LEGO, southern alligator lizard, western fence lizard, western side-blotched lizard, ANHU, CAKI, ACWO, WCSP, SAPH, CORA,

Topics to Cover on the Next Monitoring Day

N/A


Log Entry #1

0700 Met NI crew onsite and trained 3 new crew members. Ron said plan for the day was to remove weeds by hand and continue working their way north along the west side of the project area.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A

 **ECORP Consulting, Inc.**
ENVIRONMENTAL CONSULTANTS

**Devil's Gate Reservoir Restoration Project
Worker Education Training Program
Sign-in Sheet**

By signing your name below, you agree that you attended the Worker Education Training presented by the Project Biologist/Biological Monitor and understand all of the biological issues pertaining to the Devil's Gate Reservoir Restoration Project Site.

Date	Printed Name	Signed Name	Company
1	10/28/2018	MANUEL Contreras	Natures Image
2	10/28/2018	Baden	Natures Image
3	10/28/2018	Jacqueline	Natures Image
4	10/28/2018	Seating Tien	Natures Image
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

Log Entry #2

0720 NI crew began removing nonnative vegetation by hand, and with shovels and hand tools. Vegetation removed consisted primarily of horehound and mustard. Relocated 1 southern alligator lizard, 1 western side-blotched lizard

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #3

1200 Crew began clean up activities. Compiled piles of uprooted nonnative vegetation by hand and by rake. Piles were loaded in burlap/canvas for removal and disposing into dumpster.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1215 Informed foreman, Ron, that I would be conducting a site check of the construction area and would be back before they were done. He confirmed they were done with weed removal and would just be disposing of the pulled weed debris.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1338 Biologist returned from construction site inspection. NI crew continues to clean up pulled weeds.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #6

1430 Biologist left site. Crew continuing to clean up.

Log Entry #6 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature, possibly reading "J. Smith", written in black ink.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/28/2019 2:04 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 28, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:02

Start Temperature

54

Start Cloud Cover

33

Start Wind Speed

1-3

End Time

14:02

End Temperature

72

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

Restoration activities, crew of 9 with hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

HOFI, ANHU, AMCO, CASJ, RSHA, western fence lizard, alligator lizard, SAPH

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0703 crew arrived, discussed work plan. Just removing non native species today. Delineated final boundary with Ron (foreman).

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1200 back from lunch, crew bagging non native material thy was pulled this morning. Conducted sweep of are at 1355, all piles are being tarred, no issues. Crew cleaning up last of non native material and beginning to dump in trash bins.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

[Handwritten signature]

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/29/2019 1:00 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 29, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

55

Start Cloud Cover

75

Start Wind Speed

0-1

End Time

13:00

End Temperature

73

End Cloud Cover

30

End Wind Speed

0-1

Construction Activity and Personnel

Monitor Nature's Image crew remove nonnative weeds by hand pulling and hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BUSH, SPTO, CSJA, WREN, AMCR, EUST, BLPH, WEBL, YRWA, CATH, SOSP, LEGO, RSHA, ANHU, CORA, ACWO, MODO, BEWI, CALT, RTHA, NOFL, CAQU, COHA, western fence lizard, western side-blotched lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 NI crew arrived onsite. 0705 WEAP trained 3 new crew members.

Log Entry #1 - Photos taken?

Yes

ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

**Devil's Gate Reservoir Restoration Project
Worker Education Training Program
Sign-in Sheet**

By signing your name below, you agree that you attended the Worker Education Training presented by the Project Biologist/Biological Monitor and understand all of the biological issues pertaining to the Devil's Gate Reservoir Restoration Project Site.

Date	Printed Name	Signed Name	Company
1	12/28/14 MANUEL CONTRASTO	MANUEL	Nature Image
2	1/3/15 Andrew Lopez	Andrew	Nature Image
3	1/3/15 Jacquelin Painter	Jacquelin	Nature Image
4	1/3/15 Santiago Jimenez	Santiago	Nature Image
5	1/20/15 Daniel Harris	Daniel	Nature Image
6	11/24/14 Daniel Jimenez	Daniel	Nature Image
7	1/22/15 CHRISTIAN ESPARZA	CHRISTIAN	Nature Image
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			
22			

Project Biologist/Monitor (print): _____

Location of Training: _____

0715 crew started removing nonnative weeds including posion hemlock, mustard sp., horehound, and perennial pepperweed.

Yes

A wide landscape view of a field with bare, tangled bushes in the foreground. In the background, there are rolling hills with sparse vegetation and a few buildings under a cloudy sky.

Log Entry #2 Photo B



Log Entry #3

1200 Crew began clean up activities. Compiled pulled nonnative vegetation by hand and with rakes to transport in canvas to dumpster.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #3 Photo B



Log Entry #4

1230 Spoke with Ron and let him know I'd be leaving early. He said they'd try to get everything cleaned up today.

Log Entry #4 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "J. Bee". The signature is stylized with a large, sweeping "J" and a cursive "Bee".

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 01/30/2019 2:07 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Jan 30, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:01

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

14:05

End Temperature

79

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Nature's Image. 10 personnel, raking and hand pulling today

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

WCSP, ANHU, BEWR, EUST, AMCR, WREN, NOFL, NUWO, LEGO, MODO, ROPI, CASJ, ACWO, CALT, CATH, SPTO, BGGN, WEBL, HOFI, AMKE, deer mouse, SOSP, RTHA, western toad, YRWA, OATI, BLPH, CORA, ALHU, RSHA, western fence lizard, coastal whiptail, BUSH

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 arrived on site, heavy fog. Crew hand pulling pepper weed and hemlock and raking previous day's pull. 0900 crew alerted me to a western toad in their work area, relocated it outside of the work area. 1245 crew gathering and tarping bundles 1400 left site for day no bio issues observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of loops and a trailing line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/01/2019 11:18 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 1, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:43

Start Temperature

46

Start Cloud Cover

30

Start Wind Speed

0-1

End Time

11:18

End Temperature

53

End Cloud Cover

100

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image - Ron Crawford + 33 additional crew. Hand tools - shovels, rakes, tarps.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

COHA, SAPH, ACWO, CORA, EUST, MALL, BUSH, BEWR, ANHU, NOFL, BHCO, WREN, BLPH, AMCR, ALHU, WESJ, NOMO, HOWR, CALT, western toad, WCSP, MODO, RTHA

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0715, monitored hand removal of non-native vegetation in section DG-4a. Removed vegetation debris was carried out of the site by hand using tarps and deposited in the Project supplied dumpster bins.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0910, Crew was unable to remove a small patch of non-native vegetation at the eastern edge of DG-4a via hand pulling. Removal will require cutting and application of herbicide, which will be done at a later date.

Log Entry #2 - Were Photos taken?

No

Survey Completed?

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/06/2019 3:21 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 6, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

37

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:20

End Temperature

63

End Cloud Cover

0

End Wind Speed

2-8

Construction Activity and Personnel

Nature's Image crew, 7 personnel

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, EUST, CALT, SOSP, CASJ, OATI, CAQU, ANHU, NOFL, CATH, LEWO, BEWR, YRWA, ROPI, NUWO, KILL, ACWO, BUSH, MALL, SPTO, MODO, HOME, CORA, AMKE, RTHA, TUVU, HOFI, WCSP, BLPH, SAPH, WEBL, RCKI , side-blotched lizard, AWPE(flyover)

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 arrived on site. Crew will be raking/cleaning up on west side including around dumpsters. No herbicide spraying due to rain in past 24 hours. 0900 took foreman to east side to discuss workload needs. 1000 crew began hand pulling mostly pepper weed from DG2 at southeast end.) 1510 crew finished pulling, will bag tomorrow. Finished just south of DG2 new channels.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



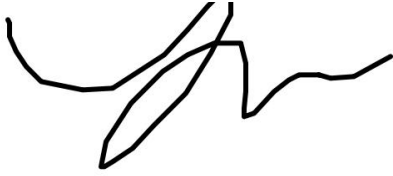
Log Entry #1 Photo D



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a trailing horizontal line.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/07/2019 2:36 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 7, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:51

Start Temperature

36

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:30

End Temperature

57

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image crew removing nonnative vegetation, by hand and with hand tools, in restoration areas on east side of Project site. Weeds removed were primarily perennial pepperweed and poison hemlock.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

AMCR, ACWO, ANHU, CSJA, CATH, AMKE, YRWA, NUWO, RCKI, CALT, parrot sp., SPTO, CAQU, RTHA, WREN, KILL, SOSP, WCSP, WEBL, San Diego gopher snake, CORA, COYE, BEWR, NOFL, RSHA, NOMO, California ground squirrel, BUSH, dusky-footed woodrat, western fence lizard, ALHU, Western toad, LEGO, CAKI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0630 Ron (Nature's Image foreman) said they would be running late due to closures and traffic along their route. 0651 started surveying restoration area.

Log Entry #1 - Photos taken?

No

Log Entry #2

0715 met NI crew of 2 and spoke with Daniel. He planned to start pulling weeds where they left off yesterday until Ron and his crew arrives.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

0841 Remaining NI crew (6 + Ron) arrived onsite and joined other 2 crew members in removing weeds.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1145 Discussed channels, accessibility, and plan for the rest of the day with Ron. A dumpster has not been brought to the east side yet, unless a dumpster arrives they would continue to pull weeds. I would continue to delineate the channels (areas that do not need to be pulled) throughout the restoration area. Ron said they would pull until 1400.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1200 Showed Ron additional areas between drainages that could be weeded. He confirmed that all pulled vegetation debris would need to be cleaned up and disposed of before the end of the day tomorrow. Crew continued to pull weeds.

Log Entry #5 - Were Photos taken?

Yes

Log Entry #5 Photo A



Log Entry #5 Photo B



Log Entry #6

1315 Dumpster delivered to east side. Placed at Johnson field. Ron said they would continue pulling for the rest of the day and clean everything up tomorrow.

Log Entry #6 - Were Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/08/2019 10:51 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 8, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

10:51

End Temperature

62

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of 6 laborers and one foreman (Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

MODO, ACWO, CASJ, CALT, SPTO, AMCR, gopher snake

Topics to Cover on the Next Monitoring Day

Nesting birds.

Log Entry #1

0645, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

0715 provided WEAP training to two new employees.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0730, crew began weed removal in DG-2, all material disposed of at onsite dumpster.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A**Survey Completed?**

Yes

Signature

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/11/2019 2:32 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 11, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

37

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:30

End Temperature

59

End Cloud Cover

1

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image Restoration crew of 6 removing nonnative weeds in restoration areas along the east side of the project site.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CALT, AMCR, NUWO, CSJA, CATH, SOSP, WCSP, WREN, ALHU, SPTO, NOFL, ANHU, KILL, CAQU, DCCO, BEWR, RCKI, CORA, RTHA, desert cottontail, western toad, southern alligator lizard, WEBL, LEGO, YRWA, MODO, TUVU, WCSP, California ground squirrel, CAKI, HOFI, RSHA, COYE, Western fence lizard, Red-breasted sapsucker, OATI

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0701 Notified Ron (NI foreman) I was onsite and near Johnson field. He responded that they would be late due to highway closures and associated traffic.

Log Entry #1 - Photos taken?

No

Log Entry #2

0809 NI crew arrived onsite at Johnsons Field. Shortly began removing weeds by hand and with shovels and pitch forks south of Johnson Field. They continued where they left off on Friday. Weeds removed consisted mainly of poison hemlock and perennial pepperweed.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1030 Spoke with Carley and confirmed that NI crew could clear weeds from drainage channels. They would likely go back to those channels tomorrow after they finished pulling all other restoration areas along the east side.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1200 NI crew began clean up activities: compiling pulled weeds into piles in canvas bags and loaded into dumpster/bin for disposal offsite.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/25/2019 4:44 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 12, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

Start Time

06:50

Start Temperature

35

Start Cloud Cover

2

Start Wind Speed

0-2

End Time

14:26

End Temperature

66

End Cloud Cover

100

End Wind Speed

0-4

Construction Activity and Personnel

Nature's Image crew hand pulling and cleaning

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

ACWO, WCSP, CALT, EUST, CASJ, RTHA, CATH, YRWA, ANHU, AMCR, KILL, WRTI, SPTO, CORA, DEJU, SOSP, LEGO, MALL, HOME, BEWR, BLPH, gopher snake, NUWO, ALHU, CAQU, NOFL, RCKI

Log Entry #1

0650 arrived on site 0820 NI arrived on site (traffic) 0824 crew began hand pulling pepperweed and hemlock and mustard in drainages. Biologist did LBVI site check, no issues observed. 1200 crew hand pulling and tarping. 1400 crew finished pulling, cleaning up 1415 biologist off site.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #1 Photo D



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/13/2019 10:46 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 13, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

49

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

10:45

End Temperature

58

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weedy plant material. Crew consisted of four laborers and one foreman.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Coyote den with tracks, CALT, SPTO, CORA, CATH, YRWA, CASJ, HETH, ACWO, BLPH, RSHA, MALL, HOME, WEBL, SOSP, AMCR, ANHU

Topics to Cover on the Next Monitoring Day

Nesting birds. Herbicide flagging and techniques.

Log Entry #1

0700, conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0710, crew began removing weeds in DG-2, all material disposed of at onsite dumpster.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1040, began to rain, stopped work, final sweep.

Log Entry #3 - Were Photos taken?

No

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink. The signature is stylized, starting with a large, looped 'A' followed by a horizontal line that extends to the right.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/19/2019 2:22 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 19, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:45

Start Temperature

43

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:20

End Temperature

58

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Non native removal. Crew of 5 with hand tools. Rain in the forecast so no spraying of herbicide.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, cottontail rabbit, CASJ, BLPH, ANHU

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0745, discussed workplan with crew. Removing non-nature vegetation in channel south of Johnson field. Swept area to have invasives removed. Nothing of concern in area. Gave wrap training to new hire Ricardo.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2

1200 back from lunch. Crew finishing up pulling non natives and beginning to tarp up what was pulled earlier. 1400 Crew finishing up tarping non native vegetation, 1415 conducted sweep of area. 0220 biologist left site.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be "J. H. Hall", written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/20/2019 2:45 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 20, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:44

Start Temperature

39

Start Cloud Cover

50

Start Wind Speed

0-1

End Time

14:45

End Temperature

52

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Monitored Nature's Image crew of 5 remove nonnative weeds by hand in restoration areas along east side. Weeds removed mainly consisted of posion hemlock, mustard, and horehound.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

SPTO, CALT, COYE, CSJA, YRWA, BLPH, ANHU, RTHA, ACWO, BUSH, WREN, CATH, coyote, AMCR, BEWR, SOSP, HETH, NOFL, RCKI, SAPH, LEGO, desert cottontail, ALHU, MODO, CAQU, CORA, NUWO, AMKE, NOMO, RBSA, California ground squirrel, WCSP, RSHA, CAKI, HOWR

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 Met Nature's Image (NI) crew of 5 at Johnson's field. Foreman, Ron, said plan of the day was to hand pull weeds and they'd start in the area just south of Johnson Field and work their way up along the ESA fence.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

By 8:40 one crew member left site to help another crew.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

1040 One crew member said a bird flew at him so he left the area. He showed the biologist the location and pointed at a HETH and said it looked like that. He said the birds were making a lot of noise. I stayed and observed the area. The HETH appeared to be foraging in the area. I did not observe any nesting or breeding behavior or signs of disturbance when I surveyed the area earlier in the morning. Additionally no signs of nesting or of further disturbance were observed while the biologist observed the area after the incident. The crew avoided the area while the biologist investigated.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1052 Ron said crew was done pulling for the day and would take lunch. After lunch, they would clean up site by compiling pulled weeds and loading into the dumpster.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1140 Spoke with Carley. She said work was canceled tomorrow due to rain and if all the weed pulling was done.

Log Entry #5 - Were Photos taken?

No

Log Entry #6

1200 Crew started clean up activities by compiling pulled weeds, packing into burlap for loading into the dumpster.

Log Entry #6 - Were Photos taken?

Yes

Log Entry #6 Photo A



Log Entry #6 Photo B



Log Entry #6 Photo C



Log Entry #7

1215 Informed Ron that Carley said tomorrow would likely be canceled due to afternoon rain and no weeds to pull. He said they still have some pulling along the fence from Johnson Field going north but it wouldn't be a full day's work. I updated Carley and both she and Ron agreed tomorrow would be canceled and on Friday part of the crew would spray herbicide and the rest would finish pulling.

Log Entry #7 - Were Photos taken?

No

Log Entry #8

1215-1300 Observed the area where one worker said a bird flew at him. No signs of nesting behavior or disturbed birds were observed. Birds observed in the area (CATH & CSJA) were foraging. The crew had already finished pulling for the day and did not need to access the area for the remainder of the day.

Log Entry #8 - Were Photos taken?

No

Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'A. De'.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/22/2019 2:46 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 22, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

41

Start Cloud Cover

0

Start Wind Speed

2-4

End Time

15:00

End Temperature

55

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used herbicide backpack sprayers to apply Roubdup Custom to nonnative weeds. Targeted species included LEPLAT, CONMAC, COTAUS, NICGLA, BRANIG, MARVUL, MALPAR, STEMED, and FICCAR.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ACWO, SOSP, CASJ, LEGO, WCSP, YRWA, MODO, RTHA, TUVU, CALT, SPTO, HETH, coyote, raccoon, EUST, CORA, ground squirrel, ANHU, MALL, CATH

Topics to Cover on the Next Monitoring Day

Nesting birds.

Log Entry #1

0700, conducted pre-work sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0900, crew began using herbicide to treat nonnative weeds, native species discussed with crew and avoided.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1500, final sweep, crew done spraying.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a large, stylized 'O' followed by a series of connected loops and a long, sweeping horizontal stroke that extends to the right.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/08/2019 7:00 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 25, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

48

Start Cloud Cover

30

Start Wind Speed

0-2

End Time

15:00

End Temperature

66

End Cloud Cover

0

End Wind Speed

0-2

Construction Activity and Personnel

1. Weed sprayers (3) 2. Three Nature's Image Personnel (Ron

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

NOFL, CALT, AMGO, CORA, ANHU, CATH, WSCJ, MODO, BLPH, WBNU, NUWO, LEWO, WEBL, SPTO, AMCR, GULL, BEWR, RSHA, WEKI, RTHA, AMKE, YRWA, Desert cottontail, western fence lizard, common side-blotched lizard, California ground squirrel

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0725, monitored Nature's Image crew spraying weeds.

Log Entry #1 - Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 02/26/2019 4:54 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Feb 26, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

43

Start Cloud Cover

5

Start Wind Speed

0-1

End Time

15:00

End Temperature

64

End Cloud Cover

5

End Wind Speed

0-1

Construction Activity and Personnel

Monitored Nature's Image (NI) crew of 4 conduct nonnative plant removal. Sprayed herbicide on West side; common weeds sprayed included poison hemlock and perennial pepperweed. Hand-pulled weeds on East side; common weeds pulled included mustard sp., horehound, and poison hemlock.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CASJ, MODO, AMRO, EUST, CALT, ACWO, BLPH, AMCR, SPTO, NUWO, OATI, WCSP, BEWR, CATH, LEGO, YRWA, WREN, NOFL, ANHU, ROPI, BUSH, LEWO, TUVU, RSHA, SOSP, CAKI, HOFI, western-fence lizard, CAQU, RTHA, NOMO, WEME, WEBL, Western side-blotched lizard, desert cottontail, KILL

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700 Met NI crew onsite on west side. Plan for the day was to spray herbicide. I told Ron that based on the forecast (30% chance of rain tomorrow starting at 1000) they should only spray until 1000 unless the forecast changes. After 1000 they could hand-pull on east side.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #1 Photo C



Log Entry #2

1000 Forecast still anticipated rain for tomorrow after 1000. NI crew stopped herbicide application and mobilized to east side of the project for hand-pulling.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #2 Photo B



Log Entry #2 Photo C



Log Entry #3

1400 Confirmed with Ron and Carley that work would be canceled tomorrow due to forecasted rain. Work may also be canceled the remainder of the week due to forecasted rain as well.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1500 Ron said they were done pulling for the day and would be collecting pulled debris piles from along the road and then loading into dumpster. I said they were good for the day and I would be leaving to survey other areas of the site.

Log Entry #4 - Were Photos taken?

No

Log Entry #5

1540 Ron notified me that they were done loading the dumpster and heading off site.

Log Entry #5 - Were Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/08/2019 7:00 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 8, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

47

Start Cloud Cover

70

Start Wind Speed

1-3

End Time

15:00

End Temperature

59

End Cloud Cover

65

End Wind Speed

2-5

Construction Activity and Personnel

1. 6 weed sprayers, one water truck 2. 6 personnel (Nature's Image), Ron Crawford

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, KILL, MALL, ANHU, WSCJ, BLPH, BEWR, TUVU, WODU, CATH, RTHA, RUHU, WREN, CALT, RBSA, BUSH, RCKI, RSHA, Western fence lizard, desert cottontail, CA ground squirrel

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0750- monitored weed spraying in DG-3A. No sensitive species or nesting birds observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #1 Photo B



Log Entry #2


0910- monitored weed spraying in DG-2. No sensitive species observed. An active WSCJ nest was identified by Lauren Simpson, and a 200ft buffer was set up. The crew was notified that an active nest was found in the area. The nest was not impacted by weed spraying activities.

Log Entry #2 - Were Photos taken?

No

Survey Completed?

Yes

SignatureA handwritten signature in black ink, appearing to be 'By/Edm', written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/19/2019 2:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 12, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

51

Start Cloud Cover

40

Start Wind Speed

1-3

End Time

15:30

End Temperature

62

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used herbicide to treat nonnative weeds in DG-4 and DG-4A. Crew consisted of 3 laborers and one foreman (Ron Crawford). Due to a change in weather conditions, work was delayed until after 0900.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

NUWO, ACWO, CASJ, BEWR, CATH, MODO, BLPH, SAPH, NOMO, ANHU, NOFL, CAQU, CALT, SPTO, WREN, TUVU, western fence lizard, southern alligator lizard, cottontail

Topics to Cover on the Next Monitoring Day

Nesting birds. Herbicide overspray.

Log Entry #1

0730, conducted pre-removal sweep and nesting bird survey, no nests observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0915, crew began using backpack sprayers to treat nonnative plants.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1030, noticed that one crew member was overspraying onto rocks. Discussed spot treatment procedure and the need to avoid spraying anything other than target species.

Log Entry #3 - Were Photos taken?

No

Log Entry #4

1530, crew done for day, conducted final sweep.

Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A**Survey Completed?**

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to be 'JER' followed by a flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/13/2019 5:23 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 13, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

45

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

14:50

End Temperature

67

End Cloud Cover

10

End Wind Speed

2-4

Construction Activity and Personnel

1. Four weed sprayers 2. Four personnel (Nature's Image, Ron Crawford)

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CORA, CAQU, WSCJ, CALT, CATH, MALL, AMCR, Parrot, BEWR, SPTO, EUST, MODO, ACWO, CANG, RCKI, ANHU, RSHA, BUSH, WREN, HOWR, NUWO, WEBL, NOFL, WEME, LEWO, HOFI, SOSP, RTHA, ROPI, YRWA, WEKI, WCSP, Western fence lizard, common side-blotched lizard, desert cottontail, CA ground squirrel

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, monitored spraying of weeds in DG-4 and DG-4A. No sensitive species or nesting birds were observed.

Log Entry #1 - Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/14/2019 3:08 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 14, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

53

Start Cloud Cover

0

Start Wind Speed

5-8

End Time

15:04

End Temperature

70

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Monitoring of Nature's Image nonnative plant removal crew (4pp) spraying herbicide.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

N/A

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

ANHU, RTHA, WESC, MALL, CORA, CAQU, CATH, CATO, WCSP, EUST. Alligator, side-blotched, and western lizards. Black-bellied slender salamander, CA treefrogs.

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0640, met with NI foreman discussed plan of the day.

Log Entry #1 - Photos taken?

No

Log Entry #2

0700, conducted a sweep of the work areas. No biological constraints identified.

Log Entry #2 - Were Photos taken?

No

Log Entry #3

0730, crew began applying herbicide to nonnative vegetation.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Log Entry #4

Done for the day. No nests or other sensitive species detected.

Survey Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/19/2019 12:42 PM

Date

Mar 15, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

Start Time

07:05

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

3-5

End Time

14:16

End Temperature

50

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Invasive removal. Crew of 4, herbicide backpacks and hand tools

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

CASJ ANHU RTHA AMCO CATH BLPH CATO HOFI

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

705 crew arrived. Crew applying herbicide to invasives. 0900 wprd from county to stop using herbicide, crew moving to hand tools. 1400 crew finished pulling invasive, picking up vegetation and putting in trash bags for rest of day. Bio left site 1415

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

W. A. H.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/19/2019 2:27 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 18, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

19:00

Start Temperature

52

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

15:00

End Temperature

78

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used weed whips, hula hoes, and hard rakes to remove nonnative plant material. Crew consisted of three laborers and one foreman (Ron Crawford). Target species included BRODIA, BROTEC, AVEFAT, and HORVUL.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CASJ, BEWR, BUSH, RCKI, KILL, CALT, SPTO, SOSP, WCSP, EUST, TUVU, coyote, southern alligator lizard, California ground squirrel, desert cottontail, ANHU, AMCR, CORA, BLPH, CAQU

Topics to Cover on the Next Monitoring Day

Wildlife and nesting birds.

Log Entry #1

0700, Conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0715, Crew began removing material and placing it into piles to be tarped.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1500, Conducted final sweep.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/19/2019 2:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 19, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt, Lauren Simpson

Start Time

07:00

Start Temperature

50

Start Cloud Cover

90

Start Wind Speed

1-3

End Time

15:00

End Temperature

72

End Cloud Cover

80

End Wind Speed

2-5

Construction Activity and Personnel

Nature's Image crew used weed whips, hula hoes, and rakes to remove nonnative plant material. Crew consisted of 3 laborers and one foreman.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

Southern alligator lizard, desert cottontail, KILL, BLPH, WCSP, BUSH, RCKI, CORA, ACWO, CASJ, CALT, ANHU, SPTO, BEWR, RSHA, coyote, gopher snake

Topics to Cover on the Next Monitoring Day

Nesting birds and other wildlife.

Log Entry #1

0700, Conducted pre-removal sweep.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

0715, Crew began removing material and placing onto tarps. Material will be stored in tarps overnight until dumpster arrives tomorrow morning.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



Log Entry #3

1500, Conducted final sweep.

Log Entry #3 - Were Photos taken?

Yes

Log Entry #3 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/20/2019 12:08 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 20, 2019

Monitor Name

Jerry Aguirre

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:15

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

12:02

End Temperature

57

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Restoration monitoring: 5 personnel with Nature's image and Ron their foreman began tarping and disposal of vegetation spoils in DG-3A.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, CALT, HOSP, CORA, SPTO, WESJ

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

O730: Tarping of vegetation spoils within DG-3A. Use of hand tools. No herbicide. No issues observed.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Log Entry #2

10:30- Line trimming nonnative grasses in DG-3A. Tarping of soils for disposal. Two alligator lizards relocated.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #2 Photo A



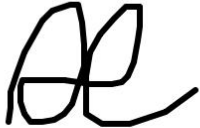
Log Entry #3

12:00- Stopped work because of rain.

Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, overlapping loops and a trailing flourish.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/21/2019 4:54 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 21, 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

100

Start Wind Speed

0-2

End Time

14:45

End Temperature

54

End Cloud Cover

70

End Wind Speed

1-3

Construction Activity and Personnel

1. Three weed eaters, hand tools 2. Four personnel (Nature's Image), Ron Crawford

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

BLPH, ANHU, AMCR, CORA, MALL, CANG, ROPI, RLPA, CALT, WSCJ, SPTO, WCSP, BEWR, HOWR, SOSP, YRWA, RCKI, CATH, HETH, RTHA, KILL, HOFI, Western toad, CA ground squirrel

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0710, monitored nonnative plant removal with weed eaters and hand tools in DG-3A. One western toad was relocated. No LBVI were observed and all activities were compliant with the Project's ESA measures.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

A handwritten signature in black ink, appearing to be 'Bryan R. [unclear]'. The signature is fluid and cursive, with a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/28/2019 12:49 PM

Date

Mar 22, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson, Adam Schroeder, Taylor Dee

Start Time

07:00

Start Temperature

49

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

72

End Cloud Cover

40

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools and weed whips to remove nonnative grasses in DG-3A. All removed material disposed of in onsite dumpster. Crew consisted of one foreman (Ron Crawford) and three 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

ACWO, CASJ, CATH, CALT, SPTO, WCSP, YRWA, BARN, MALL, KILL, CAGO, WEBL, MODO, CORA, BLPH, EUST, BEWR, ANHU, California ground squirrel, gopher snake, southern alligator lizard, southern pacific rattlesnake.

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 sweep, two southern alligator lizards were relocated outside of work area in appropriate habitat. 0715, crew began removing weeds in DG-3A. 1500, crew done for day, conducted final sweep.

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 loops and a long horizontal stroke at the end.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/25/2019 4:46 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 25, 2019

Monitor Name

Adam Schroeder

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

0-2

End Time

14:45

End Temperature

76

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Four weed eaters 2. Four personnel (Nature's Image, Ron Crawford)

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CANG, ANHU, BLPH, CASJ, RLPA, CATH, WCSP, SPTO, HETH, CORA, MODO, SOSP, CALT, CAQU, BUSH, RCKI, BEWR, MALL, HOFI, YRWA, ALHU, AMCR, MOCH, NOFL, RTHA, Western fence lizard, common side-blotched lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, monitored restoration crew clearing grasses in preparation for spreading seed in DG-2A. Three nests (one CASJ, one ANHU, and one BUSH) were identified. No LBVI were observed and all activities were compliant with the Project's ESA measures.

Log Entry #1 - Photos taken?

Yes

Log Entry #1 Photo A



Survey Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/28/2019 12:29 PM

Date

Mar 26, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

52

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

15:00

End Temperature

69

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Monitored Nature's Image crew conduct hand seeding at DG-3A and hand weeding at DG-1. Crew consisted of one foreman (Ron Crawford) and 3 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

ACWO, CASJ, YRWA, CATH, CALT, BARN, KILL, SPTO, RTHA, BLPH, MALL, WCSP, SOSP, CORA, AMCR, RCSP, ANHU, EUST, CAQU, WEBL, California ground squirrel, desert cottontail, coyote, southern alligator 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 sweep of sites to be weeded and seeded, one song sparrow nest (SOSP-1) and one common raven nest (CORA-1) were discovered during the sweep. 0715, crew began hand

removing weeds at DG-1. 0900, crew began hand seeding in DG-3A. Rakes were used to gently incorporate seed into top layer of soil. 1500, crew done for day, conducted final sweep.

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 'A. M.' or similar, written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/27/2019 4:57 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Mar 27, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

48

Start Cloud Cover

95

Start Wind Speed

0-2

End Time

14:45

End Temperature

67

End Cloud Cover

50

End Wind Speed

2-4

Construction Activity and Personnel

1. One weed eater and hand tools 2. Four personnel (Nature's Image, Ron Crawford)

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CATH, CASJ, EUST, ANHU, MODO, RLPA, AMKE, BEWR, CALT, HOFI, WCSP, SOSP, ACWO, AMCR, CORA, NUWO, YRWA, BLPH, WEBL, WEKI, MALL, CAQU, DEJU, KILL, BUOR, CANG, BUSH, RTHA, TUVU, Desert cottontail, CA ground squirrel, common side-blotched lizard, western fence lizard

Topics to Cover on the Next Monitoring Day

N/A

Log Entry #1

0700, monitored restoration crew removing nonnative vegetation with a weed eater and by hand in DG-1. Identified one new California Thrasher nest. No LBVI were observed and all activities were compliant with the Project's ESA measures.

Log Entry #1 - Photos taken?

No

Survey Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/29/2019 2:07 PM

Date

Mar 28, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Christine Tischer, Lauren Simpson, Taylor Dee

Start Time

07:00

Start Temperature

52

Start Cloud Cover

60

Start Wind Speed

1-3

End Time

15:00

End Temperature

68

End Cloud Cover

40

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install jute netting in DG-3A. Crew consisted of one foreman (Ron Crawford) and 3 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, BEWR, BARS, NRWS, ACWO, BLPH, KILL, ANHU, MODO, SOSP, WCSP, CALT, SPTO, RSHA, COHA, WEBL, CATH, CORA, AMCR, BUSH, YRWA, southern alligator lizard, ROPI, California ground squirrel, EUST,

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 installing jute netting in DG-3A. 1500, crew finished for day, conducted final sweep.

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 large, stylized 'Q' followed by a long, sweeping horizontal line.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 03/29/2019 7:53 PM

Date

Mar 29, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:00

Start Temperature

52

Start Cloud Cover

5

Start Wind Speed

1-3

End Time

15:00

End Temperature

71

End Cloud Cover

5

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to install jute netting and a chainsaw to cut down eucalyptus stumps in DG-3A.

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

NRWS, BARS, ANHU, ALHU, CORA, AMCR, RTHA, BUSH, YRWA, BEWR, CASJ, SOSP, GHOW, MODO, CALT, SPTO, CATH, CAGO, MALL, KILL, BLPH, California ground squirrel, western fence lizard, cottontail, bobcat

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 installing jute netting and removing eucalyptus stumps in DG-3A. 1500, conducted final sweep.

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 series of loops and a long horizontal stroke at the end.

Devil's Gate Reservoir Restoration Project Second Quarter Compliance Report Activities Occurring Between April 2019 and June 2019

Submitted to:

Mr. Steve Gibson
Dept. of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Prepared for:

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803

Prepared by:

ECORP Consulting, Inc.
215 North 5th Street
Redlands, CA 92374

CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	COVERED ACTIVITIES	1
2.1	Preconstruction Surveys	1
2.2	Breeding Season Surveys	2
2.3	Biological Monitoring	3
2.4	Project Activities	5
2.5	Habitat Restoration Activities	5
3.0	SATISFACTION OF ITP CONDITIONS	6
4.0	MITIGATION MONITORING AND REPORTING PROGRAM	6

LIST OF TABLES

Table 1. Preconstruction Least Bell's Vireo Survey Dates and Personnel.	2
Table 2. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.	2
Table 3. Monitors Onsite During Work Days.	3
Table 4. Devil's Gate Mitigation Monitoring and Reporting Program	7

LIST OF APPENDICES

Appendix A: Least Bell's Vireo Preconstruction Survey Report	
Appendix B: Least Bell's Vireo Breeding Season Survey Reports – April through June 2019	
Appendix C: Construction Monitoring Logs	
Appendix D: Habitat Restoration Monitoring Logs	

1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the second quarter of 2019 (April through June). This Quarterly Compliance Report satisfies Condition 6.7 in the Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the 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 third report (Quarterly Compliance Report Number 3) submitted in accordance with ITP condition number 6.7. This report covers activities that were conducted at the Project site between April 1 and June 30, 2019.

2.0 COVERED ACTIVITIES

2.1 Preconstruction Surveys

Per Condition 7.3.2 of the ITP, "The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

Per Conservation Measure 11a of the USFWS Informal Section 7 Consultation "Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

Preconstruction surveys for least Bell's vireo started 30 days prior to the initiation of ground-disturbing activities inside the reservoir (Phase 2 Project activities), which occurred on April 15, 2019. Surveys continued weekly, with three surveys occurring during the week prior to the initiation of activities (and the final survey occurring 24 hours before). Table 1 shows the preconstruction least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Preconstruction Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
03/15/19	Taylor Dee
03/19/19	Taylor Dee
03/28/19	Lauren Simpson
04/02/19	Taylor Dee
04/09/19	Adam DeLuna
04/12/19	Ben Smith
04/14/19	Scott Taylor

No least Bell's vireo were observed or detected during the preconstruction surveys. The preconstruction least Bell's vireo survey report is included in Appendix A.

Preconstruction surveys for nesting birds were conducted in accordance with the Nesting Bird Management Plan prepared for the Project. All conditions in the Nesting Bird Management Plan were adhered to during the second quarter of 2019 and active bird nests on the Project site were protected by no-work buffers enforced by Designated Biologists daily.

2.2 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, "the Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species;"

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

After the completion of the preconstruction surveys, twice-weekly focused surveys began and continued through the end of the second quarter 2019 reporting period and into the third quarter. A total of 22 focused breeding season LBV surveys were conducted by Designated Biologists approved by CDFW and USFWS during the second quarter of 2019. Table 2 shows the twice-weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 2. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
04/14/19	Scott Taylor
04/17/19	Jill Coumoutso
04/25/19	Jill Coumoutso
04/26/19	Ben Smith
04/30/19	Lauren Simpson
05/03/19	Ben Smith
05/10/19	Ben Smith
05/10/19	Jill Coumoutso
05/13/19	Gregory Stratton
05/15/19	Adam DeLuna
05/23/19	Ben Smith
05/24/19	Jill Coumoutso

Table 2. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
05/30/19	Ben Smith
05/31/19	Jill Coumoutso
06/03/19	Taylor Dee
06/07/19	Jill Coumoutso
06/10/19	Taylor Dee
06/14/19	Jill Coumoutso
06/18/19	Christine Tischer
06/21/19	Jill Coumoutso
06/26/19	Christine Tischer
06/28/19	Christine Tischer

No least Bell's vireo were observed or detected during the focused breeding season surveys during the second quarter of 2019. The least Bell's vireo breeding season survey reports for April, May, and June 2019 are included in Appendix B.

2.3 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 Condition 2.10a of the Streambed Alteration Agreement "...the Permittee shall have the Designated Biologist on site daily when protected species may be present to ensure that no impacts occur to protected species that are not authorized"

Daily monitoring by a Designated Biologist occurred when ground-disturbing activities were taking place at the Project site during the nesting bird season. Table 4 shows Project working dates and the biological monitors that were present on each date.

Table 3. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
04/01/19	Christine Tischer*	Taylor Dee*
04/02/19	Lauren Simpson*	Torrey Rotellini
04/03/19	Taylor Dee*	Adam Schroeder
04/04/19	Taylor Dee*	Carley Lancaster
04/05/19	Brian Zitt	Carley Lancaster
04/08/19	Adam Schroeder	Adam DeLuna*
04/09/19	Carley Lancaster	Rheanna Neidinger
04/10/19	Adam Schroeder	Gregory Stratton*
04/11/19	Christine Tischer*	Brian Leatherman*
04/12/19	Adam Schroeder	Gregory Stratton*
04/15/19	Christine Tischer*	Kent Hughes
04/16/19	Jessie Dubus	Kent Hughes
04/17/19	Jessie Dubus	Kent Hughes
04/18/19	Lauren Simpson*	Torrey Rotellini
04/19/19	Adam Schroeder	Kent Hughes
04/22/19	Adam Schroeder	Kent Hughes
04/23/19	Adam Schroeder	Kent Hughes
04/24/19	Adam Schroeder	Kent Hughes
04/25/19	Adam Schroeder	Kent Hughes

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

Table 3. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
04/26/19	Adam Schroeder	Kent Hughes
04/29/19	Lauren Simpson*	Kent Hughes
04/30/19	Taylor Dee*	Kent Hughes
05/01/19	Taylor Dee*	Carley Lancaster
05/02/19	Adam Schroeder	Taylor Dee*
05/03/19	Adam Schroeder	Carley Lancaster
05/06/19	Adam Schroeder	Kent Hughes
05/07/19	Adam Schroeder	Kent Hughes
05/08/19	Torrey Rotellini	Kent Hughes
05/09/19	Torrey Rotellini	Carley Lancaster
05/10/19	Adam Schroeder	Carley Lancaster
05/13/19	Todd Chapman	Kent Hughes
05/14/19	Todd Chapman	Kent Hughes
05/15/19	Taylor Dee*	Kent Hughes
05/16/19	Gregory Stratton*	No Work- Weather
05/17/19	Taylor Dee*	Torrey Rotellini
05/20/19	No Work- Misc.	Brian Leatherman*
05/21/19 ^y	Adam Schroeder	Kent Hughes
05/22/19	Adam Schroeder	Kent Hughes
05/23/19	Adam Schroeder	No Work- Misc.
05/24/19	Adam Schroeder	No Work- Misc.
05/27/19	No Work- Holiday	No Work- Holiday
05/28/19	Torrey Rotellini	Kent Hughes
05/29/19	Lauren Simpson*	Kent Hughes
05/30/19	Adam Schroeder	Kent Hughes
05/31/19	Torrey Rotellini	Carley Lancaster
06/03/19	Torrey Rotellini	Kent Hughes
06/04/19	Torrey Rotellini	Kent Hughes
06/05/19	Torrey Rotellini	Carley Lancaster
06/06/19	Torrey Rotellini	Kent Hughes
06/07/19	Adam Schroeder	Kent Hughes
06/10/19	Lauren Simpson*	Kent Hughes
06/11/19	Adam Schroeder	Kent Hughes
06/12/19	Torrey Rotellini	Kent Hughes
06/13/19	Torrey Rotellini	Kent Hughes
06/14/19	Adam Schroeder	Kent Hughes
06/17/19	Todd Chapman	Kent Hughes
06/18/19	Torrey Rotellini	Kent Hughes
06/19/19	Todd Chapman	Kent Hughes
06/20/19	Torrey Rotellini	Kent Hughes
06/21/19	Lauren Simpson*	Torrey Rotellini
06/24/19	Caroline (Nalzeny) Garcia	Brian Leatherman*
06/25/19	Caroline (Nalzeny) Garcia	Brian Leatherman*
06/26/19	CJ Randel	Max Murray
06/27/19	CJ Randel	Max Murray
06/28/19	CJ Randel	No Work- Misc.

^y = First Day of Sediment Removal Hauling Activities

* = LBVI approved biologist

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

2.4 Project Activities

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

- Project activities continued from April 1, 2019 through June 28, 2019.
- Construction of access roads to enter the reservoir at the eastern end and exit the reservoir at the western end was completed. Access road construction activities included construction of storm drain structures, construction of retaining walls, grading and filling, compacting soils, pouring concrete, and paving.
- Low-flow channels on the southeast and southwest ends of the Project site were installed at the bases of the access roads.
- Small areas of emergent vegetation were cleared using rollers and skip loaders in preparation for hauling activities. All areas were surveyed for nesting bird activity prior to removal and all vegetation removal was within the Project boundaries and monitored by the Designated Biologist onsite.
- Sediment removal hauling activities began on May 21, 2019.
- Sediment removal hauling activities included the loading of sediment within the Project site into bottom-dump haul trucks using excavators and front loaders.

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

2.5 Habitat Restoration Activities

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

- Restoration activities continued from April 1, 2019 through June 28, 2019.
- Low-growing non-native plants (primarily perennial pepperweed [*Lepidium latifolium*], black mustard [*Brassica nigra*], poison hemlock [*Conium maculatum*], ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], lesser swine cress [*Lepidium didymum*], red stemmed filaree [*Erodium cicutarium*], tree tobacco [*Nicotiana glauca*], common barley [*Hordeum vulgare*], and wild oat [*Avena fatua*]) were removed from the DG-1, DG-2, DG-2B, DG-3A, DG-4, DG-4A, DG-4B, and DG-5 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.
- Native plant seeds were broadcasted into DG-1, DG-2A, DG-2B, and DG-3A. 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: common yarrow (*Achillea millefolium*), ragweed (*Ambrosia psilostachya*), California mugwort (*Artemisia douglasiana*), wild tarragon (*Artemisia dracunculus*), California brome grass (*Bromus carinatus*), island false bindweed

(*Calystegia macrostegia* ssp. *intermedia*), cobweb thistle (*Cirsium occidentale*), giant wild rye (*Elymus condensatus*), beardless wild rye (*Elymus triticoides*), poodle-dog bush (*Eriodictyon parryi*), California poppy (*Eschscholzia californica*), common bedstraw (*Gallium aparine*), California matchweed (*Gutierrezia californica*), bicolored lupine (*Lupinus bicolor*), chilicothe (*Marah macrocarpa*), caterpillar phacelia (*Phacelia cicutaria*), common phacelia (*Phacelia distans*), California bluebell (*Phacelia minor*), Parry's phacelia (*Phacelia parryi*), ladies' tobacco (*Pseudognaphalium californicum*), and stinging nettle (*Urtica dioica* ssp. *holosericea*).

- A hot water vapor machine that uses clean water heated to a steam to shock and kill non-native weeds was tested out in DG-4B.
- Regrowth on *Eucalyptus* sp. stumps in DG-3A was removed using chainsaws in lieu of herbicide application.
- Jute netting was installed in the DG-3A onsite restoration area for erosion control in preparation for the container plant installation stage of habitat restoration activities.

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

3.0 SATISFACTION OF ITP CONDITIONS

All provisions in the ITP were adhered to during Project activities conducted during this reporting period. No non-compliances were documented during this reported period. No direct or indirect take to listed species or Covered Species occurred during this reporting period. The next Quarterly Compliance Report will cover the next reporting period from July 1, 2019 to September 30, 2019.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

Per Condition 6.7 of the ITP, Table 4 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 4. 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 vegetation-disturbing project-related activities during the 2019 second 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 second quarter reporting period.
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDDB) field data sheet and submitted to CDFW for inclusion into the CNDDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19	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.
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 submitted to LACDPW in June 2019.

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2019 second quarter reporting period. No trees identified as having the potential for bat use were removed during the 2019 second quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: <ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, 	Reservoir Management <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials Monitor Installation Install Irrigation, if Necessary Prepare As-Built Report Conduct Maintenance Prepare Monitoring Reports 	Reservoir Management <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 second quarter reporting period.

Table 4. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: <ul style="list-style-type: none"> Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, Add soil amendments if problem soils may be inhibiting plant growth, Replant if plant survival is low or to increase plant species cover or diversity, Install different plant species for plant species that are not surviving, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. Implement and monitor the required mitigation at alternative sites, chosen based on same priority methodology, if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. 							
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management <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 	Pre-Sediment Removal; Sediment Removal; Reservoir Management <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive Management Measures, if Necessary Prepare Monitoring Reports Prepare Annual Reports Achieve Mitigation Site Sign-Off 	Los Angeles County Flood Control District	Less than significant		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 second 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 communities, and federally protected wetlands has been achieved. Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to: 	Reservoir Management <ul style="list-style-type: none"> Prepare Habitat Restoration Plan Identify/Map Mitigation Sites Install Plant Materials 	Reservoir Management <ul style="list-style-type: none"> Identify Reference Sites Conduct Qualitative and Quantitative Monitoring Conduct Maintenance Implement Adaptive 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 second quarter reporting period.

Table 4. 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"> ○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, ○ Add soil amendments if problem soils may be inhibiting plant growth, ○ Replant if plant survival is low or to increase plant species cover or diversity, ○ Install different plant species for plant species that are not surviving, and ○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites. <ul style="list-style-type: none"> ● Implement and monitor the required mitigation at alternative sites if the mitigation sites do not achieve the performance standards after the implementation of adaptive management measures. LACFCD shall conduct qualitative and annual quantitative monitoring and prepare annual monitoring reports until the established performance standards are achieved. ● Ensure the allocation and encumbrance of the funding necessary to implement the Habitat Restoration Plan, adaptive management measures, alternative mitigation sites (if necessary), and long-term management and protection of the mitigation sites. ● Submit a report of the monitoring results annually following implementation of the restoration and enhancement activities at the mitigation sites, to resource agencies as required by the Section 401 Certification, Section 404 permit, and a Streambed Alteration Agreement until the mitigation sites have met the performance standards. 	<ul style="list-style-type: none"> ● Monitor Installation ● Install Irrigation, if Necessary ● Prepare As-Built Report ● Conduct Maintenance ● Prepare Monitoring Reports 	Management Measures, if Necessary <ul style="list-style-type: none"> ● Prepare Monitoring Reports ● Prepare Annual Reports ● Achieve Mitigation Site Sign- Off 					

*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.

Least Bell's Vireo Preconstruction Survey Report

June 7, 2019
(2018-047.012)

Ms. Veronica Mardis
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: Least Bell's Vireo Preconstruction Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to present the results of preconstruction surveys for least Bell's Vireo (*Vireo bellii pusillus*) conducted by ECORP Consulting, Inc. (ECORP) for Los Angeles County Department of Public Works' (LACDPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The preconstruction surveys for least Bell's vireo were conducted to comply with Condition 7.3.2 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states:

"The Designated Biologist(s) shall begin surveys 30 days before Covered Activities begin (or after a substantial break in construction monitoring) and shall continue on a weekly basis with one (1) survey conducted no more than (3) days prior to initiation of Covered Activities."

In addition, the surveys were conducted to comply with Conservation Measure 11a of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project which states:

"Surveys by the biological monitor will be conducted a minimum of three times on separate days to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities within 300 feet of the project area. These surveys will be conducted within the week prior to the initiation of project activities. One survey will be conducted the day immediately prior to the initiation of project activities. If no nests, nesting behavior, or brood rearing activities are detected within 300 feet of the project area, work may commence."

SURVEY METHODS

Preconstruction surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.2 and Section 7 Conservation Measure CM 11a for Project activities that are to occur during

the vireo's breeding season. Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS 2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Seven preconstruction surveys for least Bell's vireo were conducted within 30 days of the initiation of excavation work within the sediment removal area which was slated to begin on April 15, 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
3/15/19	TD	0658	1100	46	68	15	<5	0-1	0-1
3/11/19	TD	0645	1100	54	66	15	25	0-1	1-3
3/28/19	LS	0645	1100	50	65	95	80	0-3	1-4
4/2/19	TD	0658	1100	54	64	0	<5	0-1	1-3
4/9/19	AD	0640	1050	56	74	10	20	1-3	3-5
4/12/19	BS	0714	1042	51	66	0	3	0	1-3
4/14/19	ST	0630	0956	54	63	10	10	0	1-2

*AD = Adam DeLuna, BS = Ben Smith, LS = Lauren Simpson, ST = Scott Taylor, TD = Taylor Dee

No least Bell's vireo were identified during the preconstruction surveys. A complete list of all birds and other wildlife observed during the preconstruction surveys is provided in Attachment C.

DISCUSSION

Seven focused preconstruction surveys conducted during the 2019 breeding season did not detect least Bell's vireo in or within 500 feet of the Project site.

Observations of least Bell's vireo previously documented within the Project area have been irregular, and no consistent detection of the species throughout the breeding season has been documented at the site since 2013. At that time, a single male was present, but he was not paired with a female during the breeding season. Additionally, the timing of observations in the early and late periods of the breeding season during subsequent survey years coincides with the

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

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

seasonal migrations of least Bell's vireos through the Project area. The lack of detection of any individuals throughout seven focused surveys implies that breeding least Bell's vireos were absent from the Project site prior to the initiation of excavation work within the sediment removal area as of April 15, 2019.

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

SIGNED: 

Lauren Simpson
Staff Biologist
ECORP Consulting, Inc.
1801 Park Court Place, Building B. Ste 103.
Santa Ana, CA 92701

DATE: June 7, 2019

Attachments:

Attachment A: Survey Datasheets
Attachment B: Wildlife Compendium

ATTACHMENT A

Survey Datasheets



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: 3/15/19
Survey number: 1

Project # 2018-047.012
Project Name Devil's Gate Reservoir Restoration Project

surveyed in suitable habitat in work areas + 500 ft buffer

OBSERVERS:
Taylor Dee

SURVEY CONDITIONS				
	Time	Temp (F)	Wind (mph)	% Cloud Cover
START	0658	46°F	0-1	15%
END	1100	68°F	0-1	<5%

LEAST BELL'S VIREO OBSERVATIONS				
Location [†] (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)
—	—	—	—	no LBVI detected in work area or 500-ft buffer

[†]Draw/denote territory or use area on aerial map

*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	0
Locations	



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: 3/15/19
Survey number: 1

Project # 2018-047.02
Project Name Devil's Gate Reservoir
Restoration Project

OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)

n/a

INCIDENTAL SPECIES OBSERVED

BEWR	CATH	WCSP
SPTO	ANHU	western side-blotched lizard
COYE	HOWR	western fence lizard
SOSP	LEGO	RTHA
raccoon (tracks)	YRWA	HUVI
HOFI	MODD	desert cottontail
NUWO	AMRO	coyote (vocalization)
CAQU	WEBL	dusky-footed woodrat
WREN	EUST	
parrot sp.	AMCR	
CAKI	WTSW	
CORA	BUSH	
CALT	NRWS	
NOFL	MALE	
CASJ	KILL	
	BLPH	

ADDITIONAL NOTES:

n/a



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM


Date: 3/19/19
Survey number: #2

Project # 2018-047-012
Project Name Devil's Gate Reservoir Restoration Project

surveyed in suitable habitat in work areas + 500 ft buffer


OBSERVERS:
Taylor Dee

SURVEY CONDITIONS				
	Time	Temp (F)	Wind (mph)	% Cloud Cover
START	0645	54	0-1	15
END	1100	66	1-3	25

LEAST BELL'S VIREO OBSERVATIONS				
Location [†] (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)
				no LBVI detected in work area or in 500ft buffer

[†]Draw/denote territory or use area on aerial map

*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	
Locations	



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: 3/19/19

Survey number: 2

Project # 2018-047.012

Project Name Devil's Gate Reservoir
Restoration Project

OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)

NA

INCIDENTAL SPECIES OBSERVED

Pacific-slope flycatcher
Hutton's vireo
Bewick's wren
Spotted towhee
Anna's hummingbird
Song sparrow
Wrentit
American crow
Desert cottontail
California towhee
Nuttall's woodpecker
Allen's hummingbird
White-crowned sparrow
Common yellowthroat
California scrub jay
Parrot sp.

Northern flicker
Canada goose
California thrasher
Western bluebird
Common raven
Yellow-rumped warbler
Red-tailed hawk
Mourning dove
European starling
Bushtit
Acorn woodpecker
California quail
Ruby-crowned kinglet
Black phoebe
Lesser goldfinch
Say's phoebe

House wren
California ground squirrel
Red-tailed hawk
House finch
Dark-eyed junco

ADDITIONAL NOTES:

NA



ECORP Consulting, Inc.
ENVIRONMENTAL CONSULTANTS

LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: March 28, 2019
Survey number: 3

Project # 2018-047.012
Project Name Devil's Gate Reservoir Restoration Project

Survey conducted in suitable habitat within 500-ft of Project Area

OBSERVERS:		SURVEY CONDITIONS				
Lauren Simpson		Time	Temp (F)	Wind (mph)	% Cloud Cover	
		START	0645	50	0-3	95
		END	1100	65	1-4	80

LEAST BELL'S VIREO OBSERVATIONS			
Vireo Status	Location in Survey Area	Appr. Age	Bands (Y/N)
Paired	NO LBVI observed ↓	—	—
Territorial Male		—	—
Juvenile		—	—
Additional Comments (Behavior, Activity, Location in Canopy, etc.)			
N/A			

BROWN-HEADED COWBIRD OBSERVATIONS	
# of Individuals	0
Locations	

OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)
No other sensitive species observed.



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: Mar 28 2019

Survey number: 3

Project # 2018-047.012

Project Name Devil's Gate Reservoir Restoration Project

INCIDENTAL SPECIES OBSERVED

Spotted Towhee	Song sparrow	Couper's Hawk
Common yellowthroat	Anna's hummingbird	Northern Flicker
Bewick's wren	Allen's hummingbird	Blue-gray Gnatcatcher
lesser goldfinch	Red shouldered hawk	Killdeer
California towhee	wrentit	Hermit Thrush
Acorn woodpecker	House wren	California Quail
European Starling	Oak titmouse	Cassin's Kingbird
American Crow	Pacific-slope flycatcher	Red-tailed hawk
California Scrub Jay	Northern rough-winged swallow	White-throated swift
White-crowned sparrow	Black-throated Gray warbler	Flooded Merganser
Brewer's tit	Parrot sp.	
yellow-rumped warbler	American Robin	
Nuttall's woodpecker	California Thrasher	
Western Blue bird	Canada goose	
Mourning dove	Common raven	

ADDITIONAL NOTES:



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: 4/2/19

Survey number: 4

Project # 2018-047.012
Project Name Devil's Gate Reservoir

Restoration Project
surveyed in suitable habitat within 500 ft of Project Area

OBSERVERS:
Taylor Dee

SURVEY CONDITIONS				
	Time	Temp (F)	Wind (mph)	% Cloud Cover
START	0658	54	0-1	0
END	1100	64	1-3	45

LEAST BELL'S VIREO OBSERVATIONS				
Location [†] (UTM NAD 83)	Appr. Age	Status*	Band (Y/N)	Additional Comments (Behavior, Activity, Location in Canopy, etc.)

[†]Draw/denote territory or use area on aerial map

*Paired, territorial male, single individual, juvenile

BROWN-HEADED COWBIRD OBSERVATIONS	
# of individuals	
Locations	



LEAST BELL'S VIREO (*Vireo bellii pusillus*) SURVEY FORM

Date: 4/2/19
Survey number: 4

Project # 2018-047.012
Project Name Devil's Gate Reservoir
Restoration Project

OTHER SENSITIVE SPECIES OBSERVATIONS (SWWF, YBC, ETC.)

n/a

INCIDENTAL SPECIES OBSERVED

SPTO	MODU	HOOB
BEWR	YRWA	RSHA
ACWD	CALT	NOMO
CASJ	SOSP	desert cottontail
parrot sp.	COYE	western fence lizard
CATH	PSFL	western side-blotch lizard
AUHU	HUVI	California kingsnake
WCSP	HOFI	common raccoon (tracks)
CAQU	BHGR	
NUWO	BUSH	
EUST	MERL	
CORA	RTHA	
WREN	CAKI	
LEGO	AMGO	
NRWS	CAGO	

ADDITIONAL NOTES:

n/a

- Ecorp: Devils Gate Dam LBN Survey -

9 April 2019

0640 - 56°F, 10% cloud cover, 1-3 mph winds.

Conducting LBN survey in suitable habitat within the 500' buffer. Obtained survey area through Collector App shared by Ecorp. Starting survey at Southern end of riparian habitat located along the

western side of the project. YEWA, SOSP, CALT, WTSW,

NEWS, ANHV, BLPH, YRWA, KILL, BEWR, CORA, BVSH, NVWO,

LEGO, CAGO, OCWA, WCSP, BHGR, RCKI, ALHV, CASJ, RTHA,

DG-BUSH-01 (IIS 391531-3783513): Observed pair gathering

nesting material and bringing it to a recently started

nest. Nest ~ 15' above ground in *S. goodingii*, BHCO, HOFL.

DG-ALHV-01: Observed female gathering nesting material

(spider webs) and bringing it back to a recently started

nest. Nest ~ 15' above ground on small S-facing branch

of a *P. racemosa* CANILATIE (small ind), NEOTFUSC (nest).

DG-ALHV-01 (IIS 391524-3783573), HUVI, PROCLOTO (tracks),

PSFL, HOWR, DG-BUSH-02 (IIS 391522-3783513): Observed

pair gathering nesting material and bringing it to an almost

complete nest. Nest ~ 12' above ground in a clump of dead

EcCorp - Devils Gate Dam LBN Survey

- Continued -

leaves hanging from a *S. goodingii*. MODO, EUST,

AMCR, LYNXRUFU (1 ind, see photos). LISP, BGGN, CAOU,

COYE, SCEOC, ACWO, UTASTA, NOFL, CATH, DG-WREN-01

(115 391669-3783994): Observed male gathering nesting

material near trail and taking it to waypoint location -

dove into lower *B. salicifolia* / *C. maculatum*. He popped

up a few minutes later, sang, and no longer had nesting

material. Likely nesting low to ground near waypoint.

SPERBEEC, SYLVAUDU, ~~NGNO~~, ATFL, FOSP, ROP1, ELGMUL, WEK1,

End of Survey @ 1050 - 74°F, 20% cloud cover, 3-5 mph wind.

No LBN observed during the survey.

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

Submitted by: SoCal_Bio

Submitted time: Apr 12, 2019, 10:44:12 AM

Survey Date

Apr 12, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

07:14

Start Temperature

51

Start Wind Speed

0

Start Cloud Cover

End Time

10:42

End Temperature

66

End Wind Speed

1-3

End Cloud Cover

3

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

2

Locations

34.191454, -118.175874

Incidental Species Observed

Coha
Coye
Amro
Cath
Caqu
Deju
Casj
Bewr
Acwo
Amcr
Spto
Wren
Calt
Auwa
Sosp
Cottontail
Bhgr
Eust
Cora
Rcki
Anhu
Bush
Heth
Lego
Lisp
Atfl
Wcsp
Alhu
Hofi
Nuwo
Lewo
Hoor
Bhco
Buor
Ywar
Oati
Ocwa
W fence liz
Psfl
Blph
Wtsw
Kill
Nrws
Rtha
Rsha
Caki

Howr
Nomo

Additional Notes

Webl
Modo
Weme
Chsp

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Apr 14, 2019, 9:57:29 AM

Survey Date

Apr 14, 2019

Observer Name

Other

Other Observer

Scott Taylor

Survey Conditions

Start Time

06:30

Start Temperature

54

Start Wind Speed

0

Start Cloud Cover

10

End Time

09:56

End Temperature

63

End Wind Speed

1-2

End Cloud Cover

10

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

Locations

House wren

Bewick's wren

Western bluebird

Ca thrasher

No mockingbird

Europ starling

House finch

Lesser goldfinch

White-crowned sparrow

So sparrow

Ca towhee

Sp towhee

OC warbler

Common yellowthroat

Yellow warbler

Ye-rumped warbler

Black-throated gray

BHGR

Incidental Species Observed

Orange-crowned warbler**Mallard****Ca quail****Mourning dove****Ca ground squirrel****Botta's pocket gopher****Coyote****Raccoon****Brush rabbit****Desert cottontail****Red admiral****Painted lady****Western fence lizard****Western tiger swallowtail****Side-blotched lizard****Common white**

Additional Notes

Anna's h-bird**Killdeer****Red-shouldered hawk****Red-tailed hawk****Red-crowned parrot****Amazona sp.****Pacific-slope flycatcher****Ash-throated flycatcher****California scrub jay****American crow****Common raven****Northern rough-winged swallow****Cliff swallow****Bushtit****(Continued ...)**

Log Completed?

Yes

Wildlife Species Observed

Scientific Name	Common Name
REPTILES	
Anguidae	Northern Hemisphere Lizards
<i>Elgaria multicarinata</i>	southern alligator lizard
Colubridae	Snakes
<i>Lampropeltis californiae</i>	California kingsnake
Phrynosomatidae	Spiny Lizards
<i>Sceloporus occidentalis</i>	western fence lizard
<i>Uta stansburiana</i>	common side-blotched lizard
BIRDS	
Accipitridae	Hawks
<i>Accipiter cooperii</i>	Cooper's hawk
<i>Buteo jamaicensis</i>	red-tailed hawk
<i>Buteo lineatus</i>	red-shouldered hawk
Aegithalidae	Bushtits
<i>Psaltiriparus minimus</i>	bushtit
Anatidae	Ducks, Geese, and Swans
<i>Anas platyrhynchos</i>	mallard
<i>Branta canadensis</i>	Canada goose
<i>Lophodytes cucullatus</i>	hooded merganser
Apodidae	Swifts
<i>Aeronautes saxatalis</i>	white-throated swift
Cardinalidae	Cardinals
<i>Pheucticus melanocephalus</i>	black-headed grosbeak
Charadriidae	Plovers, Dotterels, and Lapwings
<i>Charadrius vociferus</i>	killdeer
Columbidae	Pigeons and Doves
<i>Columba livia</i> *	rock pigeon
<i>Zenaidura macroura</i>	mourning dove
Corvidae	Jays and Crows
<i>Aphelocoma californica</i>	California scrub-jay
<i>Corvus brachyrhynchos</i>	American crow
<i>Corvus corax</i>	common raven
Falconidae	Falcons
<i>Falco columbarius</i>	merlin
Fringillidae	Finches
<i>Haemorhous mexicanus</i>	house finch
<i>Spinus psaltria</i>	lesser goldfinch
<i>Spinus tristis</i>	American goldfinch
Hirundinidae	Swallows
<i>Petrochelidon pyrrhonota</i>	cliff swallow

Scientific Name	Common Name
<i>Stelgidopteryx serripennis</i>	northern rough-winged swallow
Icteridae	New World Blackbirds
<i>Icterus bullockii</i>	Bullock's oriole
<i>Icterus cucullatus</i>	hooded oriole
<i>Molothrus ater</i>	brown-headed cowbird
<i>Sturnella neglecta</i>	western meadowlark
Mimidae	Mockingbirds and Thrashers
<i>Mimus polyglottos</i>	northern mockingbird
<i>Toxostoma redivivum</i>	California thrasher
Odontophoridae	Quails and Partridges
<i>Callipepla californica</i>	California quail
Paradoxornithidae	Wrentits
<i>Chamaea fasciata</i>	wrentit
Paridae	Titmice
<i>Baeolophus inornatus</i>	oak titmouse
Parulidae	Wood-warblers
<i>Geothlypis trichas</i>	common yellowthroat
<i>Oreothlypis celata</i>	orange-crowned warbler
<i>Setophaga coronata</i>	yellow-rumped warbler
<i>Setophaga nigrescens</i>	black-throated gray warbler
<i>Setophaga petechia</i> **	yellow warbler
Passerellidae (previously Emberizidae)	Sparrows and Towhees
<i>Junco hyemalis</i>	dark-eyed junco
<i>Melospiza lincolni</i>	Lincoln's sparrow
<i>Melospiza melodia</i>	song sparrow
<i>Melospiza crissalis</i>	California towhee
<i>Passerella iliaca</i>	fox sparrow
<i>Pipilo maculatus</i>	spotted towhee
<i>Spizella passerina</i>	chipping sparrow
<i>Zonotrichia leucophrys</i>	white-crowned sparrow
Picidae	Woodpeckers
<i>Colaptes auratus</i>	northern flicker
<i>Picoides nuttallii</i>	Nuttall's woodpecker
<i>Melanerpes formicivorus</i>	acorn woodpecker
<i>Melanerpes lewis</i> **	Lewis's woodpecker
Polioptilidae (previously Silviidae)	Gnatcatchers
<i>Polioptila caerulea</i>	blue-gray gnatcatcher
Psittacidae	Old World Parrots
<i>Amazona</i> sp.*	parrot sp.
<i>Amazona viridigenalis</i> *	red-crowned parrot
Regulidae	Kinglets
<i>Regulus calendula</i>	ruby-crowned kinglet
Sturnidae	Starlings
<i>Sturnus vulgaris</i> *	European starling
Trochilidae	Hummingbirds

Scientific Name	Common Name
<i>Calypte anna</i>	Anna's hummingbird
<i>Selasphorus sasin</i>	Allen's hummingbird
Troglodytidae	Wrens
<i>Thryomanes bewickii</i>	Bewick's Wren
<i>Troglodytes aedon</i>	house wren
<i>Turdus migratorius</i>	American robin
Turdidae	Thrushes
<i>Catharus guttatus</i>	hermit thrush
<i>Sialia mexicana</i>	western bluebird
Tyrannidae	Tyrant Flycatchers
<i>Empidonax difficilis</i>	Pacific-slope flycatcher
<i>Myiarchus cinerascens</i>	ash-throated flycatcher
<i>Sayornis nigricans</i>	black phoebe
<i>Sayornis saya</i>	Say's phoebe
<i>Tyrannus verticalis</i>	western kingbird
<i>Tyrannus vociferans</i>	Cassin's kingbird
Vireonidae	Vireos
<i>Vireo huttoni</i>	Hutton's vireo
MAMMALS	
Canidae	Dogs, Wolves, and Foxes
<i>Canis latrans</i>	coyote
Cricetidae	Hamsters, Rats, and Mice
<i>Neotoma fuscipes</i>	dusky-footed woodrat
Felidae	Cats
<i>Lynx rufus</i>	bobcat (tracks)
Geomyoidea	Gophers
<i>Thomomys bottae</i>	Botta's pocket gopher
Leporidae	Hares and Rabbits
<i>Sylvilagus audubonii</i>	desert cottontail
Procyonidae	Raccoons and allies
<i>Procyon lotor</i>	common raccoon
Sciuridae	Squirrels
<i>Otospermophilus beecheyi</i>	California ground squirrel
INSECTS	
Nymphalidae	Butterflies
<i>Vanessa atalanta</i>	red admiral
<i>Vanessa cardui</i>	painted lady
Papilionidae	Swallowtail Butterflies
<i>Papilio rutulus</i>	western tiger swallowtail

*Nonnative species

**CDFW California Species of Special Concern/CDFW Fully Protected Species

Least Bell's Vireo Breeding Season Survey Reports – April through June 2019

May 24, 2019
(2018-047.012)

Ms. Veronica Mardis
County of Los Angeles Department of Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: April 2019 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to summarize the results of the twice weekly breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in April 2019 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Department of Public Works' (LACDPW) Devil's Gate Reservoir Restoration Project in the City of Pasadena, Los Angeles County, California. The twice weekly focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project (Project) which states:

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

In addition, the surveys were conducted to comply with Conservation Measure 11b of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project which states:

"Twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to August 31). Surveys were conducted between dawn and 11 a.m. when weather conditions were favorable in accordance with USFWS

2001 protocol (nesting season) guidelines.¹ Meandering transects were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Five focused breeding season surveys for least Bell's vireo were conducted in April 2019. Prior to the start of twice weekly focused breeding season surveys, seven preconstruction surveys for least Bell's vireo were conducted (starting March 15, 2019 ending April 14, 2019). Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
4/14/19	ST	0630	0956	54	63	10	10	0	1-2
4/17/19	JC	0700	1010	48	60	0	0	0-1	0-1
4/25/19	JC	0700	1015	55	69	100	0	0-1	0-3
4/26/19	BS	0651	1033	56	69	90	0	0	3-5
4/30/19	LS	0700	1100	56	60	100	100	0-1	0-2

BS = Ben Smith, JC = Jill Coumoutso, LS = Lauren Simpson, ST = Scott Taylor

No least Bell's vireo were identified during the April 2019 breeding season surveys.

Two brown-headed cowbird individuals were observed during April focused breeding season surveys, both observations were on April 26, 2019.

DISCUSSION

Five focused breeding season surveys for least Bell's vireo conducted in April 2019 did not detect least Bell's vireo in or within 500 feet of the Project site. Twice weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (August 31).

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

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

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

SIGNED: 
Lauren Simpson
Staff Biologist
ECORP Consulting, Inc.
1801 Park Court Place, Building B. Ste 103.
Santa Ana, CA 92701

DATE: May 24, 2019

Attachments:

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

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

Submitted by: SoCal_Bio

Submitted time: Apr 14, 2019, 9:57:29 AM

Survey Date

Apr 14, 2019

Observer Name

Other

Other Observer

Scott Taylor

Survey Conditions

Start Time

06:30

Start Temperature

54

Start Wind Speed

0

Start Cloud Cover

10

End Time

09:56

End Temperature

63

End Wind Speed

1-2

End Cloud Cover

10

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

Locations

House wren

Bewick's wren

Western bluebird

Ca thrasher

No mockingbird

Europ starling

House finch

Lesser goldfinch

White-crowned sparrow

So sparrow

Ca towhee

Sp towhee

OC warbler

Common yellowthroat

Yellow warbler

Ye-rumped warbler

Black-throated gray

BHGR

Incidental Species Observed

Orange-crowned warbler**Mallard****Ca quail****Mourning dove****Ca ground squirrel****Botta's pocket gopher****Coyote****Raccoon****Brush rabbit****Desert cottontail****Red admiral****Painted lady****Western fence lizard****Western tiger swallowtail****Side-blotched lizard****Common white**

Additional Notes

Anna's h-bird**Killdeer****Red-shouldered hawk****Red-tailed hawk****Red-crowned parrot****Amazona sp.****Pacific-slope flycatcher****Ash-throated flycatcher****California scrub jay****American crow****Common raven****Northern rough-winged swallow****Cliff swallow****Bushtit****(Continued ...)**

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Apr 17, 2019, 10:21:37 AM

Survey Date

Apr 17, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:00

Start Temperature

48

Start Wind Speed

1

Start Cloud Cover

End Time

10:10

End Temperature

60

End Wind Speed

1

End Cloud Cover

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

Incidental Species Observed

SPTO

AMRO

WREN

CAQU

CATH

RTHA

SOSP

CAJA

ALHU

ATFL

LEGO

OCWA

BEWR

CALT

HOFI

ACWO

ANHU

EUST

COHA

BGGN

BHGR

BUSH

COYE

HOWR

YWAR

PARROT SPP

Western fence lizard

Desert Cottontail

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Apr 25, 2019, 10:32:31 AM

Survey Date

Apr 25, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:00

Start Temperature

55

Start Wind Speed

1

Start Cloud Cover

100

End Time

10:15

End Temperature

69

End Wind Speed

3

End Cloud Cover

Were Least Bell's Vireo Observed

No

Incidental Species Observed

NUWO

BHGR

SOSP

CATH

MODO

HOOR

BUSH

SPTO

HOWR

ANHU

WREN

BEWR

BGGN

HUVI

ACWO

LEGO

PSFL

CALT

COYE

CAQU

RTHA

HOFI

EUST

CAJA

Parrot sap.

Grey squirrel

Western fence lizard

Additional Notes

Found SPTO nest. Female incubating.

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Apr 26, 2019, 10:35:10 AM

Survey Date

Apr 26, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

06:51

Start Temperature

56

Start Wind Speed

0

Start Cloud Cover

90

End Time

10:33

End Temperature

69

End Wind Speed

3-5

End Cloud Cover

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

2

Locations

34.190979, 118.175880

34.190737, 118.175349

Incidental Species Observed

Lewo
Acwo
Casj
Caqu
Amro
Calt
Coye
Spto
Sosp
Bewr
Bhco
Howr
Eust
Bhgr
Oati
Nrws
Nuwo
Anhu
Bush
Amcr
Alhu
Cottontail
Cora
Modo
Ropi
Rtha
Coha
Hofi
Lego
Buor
Weta
Ywar
Pufi
Auwa
Cath
Fence liz
Psfl
Ocwa
Nomo
CA striped racer
Wiwa
Caki
Ssha
Lazb
Cang
Mall

Additional Notes

Wren
Atfl
Mgwa

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Apr 30, 2019, 11:22:43 AM

Survey Date

Apr 30, 2019

Observer Name

Lauren Simpson

Survey Conditions

Start Time

07:00

Start Temperature

56

Start Wind Speed

0-1

Start Cloud Cover

100

End Time

11:00

End Temperature

60

End Wind Speed

0-2

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

Incidental Species Observed

**AMRO, SOSP, SPTO, CALT, COYE, Cora, EUST, ANHU, ALHU, MODO, BHGB, HOfl, BEWR, LEGO, NRWS, Cotto
ntail, CAQU, CATH, NOMO, BUSH, CASJ, MALL, WREN, WAVI, YEWA, WCSP, KILL, CA ground squirrel, YRWA,
CAKI, NUWO, PSFL, WTSW, CAGO, LEWO, AMCR**

Additional Notes

**No LBVI observed. Several YEWA heard and observed, points taken in Collector map. 1 new ANHU nest observ
ed. Logged in Collector.**

Log Completed?

Yes

July 25, 2019

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: May 2019 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to summarize the results of the twice-weekly breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in May 2019 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The twice-weekly focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project, which states:

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

In addition, the surveys were conducted to comply with Conservation Measure 11b of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to August 31). Surveys were conducted between dawn and 11 am when weather conditions were favorable in accordance with U.S. Fish and Wildlife Service (USFWS) 2001 protocol (nesting season) guidelines.¹ Meandering transects

¹ USFWS. 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Nine focused breeding season surveys for least Bell's vireo were conducted in May 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
5/3/19	BS	0707	1038	52	68	100	25	0	1-3
5/10/19	BS	0722	1058	56	57	100	100	0	0
5/10/19	JC	0655	1000	55	55	100	100	0	0
5/13/19	GS	0546	1050	59	64	100	100	1-3	1-3
5/15/19	AD	0635	1044	57	65	100	100	1-3	3-5
5/23/19	BS	0704	1051	54	56	100	100	0	1-3
5/24/19	JC	0650	1000	43	66	0	0	0	0
5/30/19	BS	0737	1058	55	71	100	1	0-2	1-3
5/31/19	JC	0700	1015	57	64	95	0	1-3	3-5

AD = Adam DeLuna, BS = Ben Smith, GS = Gregory Stratton, JC = Jill Coumoutso, LS = Lauren Simpson

No least Bell's vireo were identified during the May 2019 breeding season surveys.

Nine brown-headed cowbird (*Molothrus ater*) individuals were observed during the May focused breeding season surveys. Three individuals were observed on May 10, five individuals were observed on May 13, and one individual was observed on May 15, 2019.

DISCUSSION

Nine focused breeding season surveys for least Bell's vireo conducted in May 2019 did not detect least Bell's vireo in or within 500 feet of the Project site. Twice weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (August 31).

² ECORP. 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles County Public Works, Water Resources Division. March 2019.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lauren Simpson', with a long horizontal flourish extending to the right.

Lauren Simpson
Staff Biologist

LIST OF ATTACHMENTS

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

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

Submitted by: SoCal_Bio

Submitted time: May 3, 2019, 10:39:27 AM

Survey Date

May 3, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

07:07

Start Temperature

52

Start Wind Speed

0

Start Cloud Cover

100

End Time

10:38

End Temperature

68

End Wind Speed

1-3

End Cloud Cover

25

Were Least Bell's Vireo Observed

No

Incidental Species Observed

Eust
Sosp
Lego
Casj
Caqu
Bush
Weta
Bewr
Amcr
Coye
Buor
Calt
Wiwa
Bhgr
Wren
Spto
Wavi
Btyw
Amro
Nuwo
Cath
Nrws
Amcr
Atfl
Cavi
Hofi
Anhu
Cottontail
Cewa
Alhu
Nomo
Towa
Ywar
Caki
Weki
Howr
Webl
Rsha
Kill
Cora
Ocwa
Psfl
Huvi
Osfl
Sideblotched liz
Fence liz

5/3/2019

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

Additional Notes

Lazb

Pufi

Log Completed?

Yes

Survey Date

May 10, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

07:22

Start Temperature

56

Start Wind Speed

0

Start Cloud Cover

100

End Time

10:58

End Temperature

57

End Wind Speed

0

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

3

Locations

34.188339, 118.176633

Incidental Species Observed

Spto
Swth
Wewp
Coye
Cewa
Bewr
Acwo
Anhu
Sospplsfl
Year
Wiwa
Towa
Auwa
Bhgr
Wren
Weta
Bush
Rsha
Calt
Weki
Nrws
Ocwa
Blph
Wavi
Cath
Atfl
Rtha
Lego
Kill
Eust
Mall
Cavi
Hofi
Wifl
Amro
Cottontail
Blgr
Vgsw
Wester toad
Coha

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: May 10, 2019, 3:53:56 PM

Survey Date

May 10, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

06:55

Start Temperature

55

Start Wind Speed

0

Start Cloud Cover

100

End Time

10:00

End Temperature

55

End Wind Speed

0

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Incidental Species Observed

- OATI
- CAJA
- BUSH
- CALT
- MODO
- SPTO
- HOWR
- BHGR
- WREN
- WIFL
- COYE
- BEWR
- WIWA
- MGWA
- SWTH
- WEWP
- ATFL
- PSFL
- EUST
- COHA
- YWAR
- HUVI
- WAVI
- CATH
- CAQU
- LEGO
- ANHU
- SOSP
- ACWO
- BARS
- HOFI
- MALL
- KILL
- Parrot spp
- Desert Cottontail

Log Completed?

Yes

Survey Date

May 13, 2019

Observer Name

Other

Other Observer

Gregory Stratton

Survey Conditions

Start Time

05:46

Start Temperature

59

Start Wind Speed

1-3

Start Cloud Cover

100

End Time

10:50

End Temperature

64

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed Cowbird Observations

Number of Individuals

5

Locations

On power line near the dam.

Incidental Species Observed

**calt, spto, bhgr, modo, casj, coye, cath, bewr, sosp, bush, caqu, alhu, eust, cora, hofi, caki, acwo, lego, webl, kil
l, anhu, atfl, wren, mall, hoor, phai, yewa, psfl, bhco, heth, clsw, sylv audu, otos beec**

Additional Notes

Log Completed?

Yes

Submitted by: DevilsGateGuest

Submitted time: May 15, 2019, 10:45:13 AM

Survey Date

May 15, 2019

Observer Name

Other

Other Observer

Adam DeLuna

Survey Conditions

Start Time

06:35

Start Temperature

57

Start Wind Speed

1-3

Start Cloud Cover

100

End Time

10:44

End Temperature

65

End Wind Speed

3-5

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

1

Locations

One male observed 34.191266 118.175601

Incidental Species Observed

YEWA,SOSP,SPTO,BUSH,BEWR,CALT,ANHU,ALHU, PSFL(SOSPnest),OCWA,CORA,LEGO,NRWS,NUWO, EUST, MODO,NEOTFUSC,WTSW,BHGR,CASJ, SCIUNIGE(ANHUnest),COYE,BLPH,CAQU,RTHA,SYLVAUDU, BGGN,CA TH,HOFI,EUCD,ATFL,KILL,SPERBEEC,BHCO,WREN,HOOR,OATI,HOWR

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: May 23, 2019, 11:04:54 AM

Survey Date

May 23, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

07:04

Start Temperature

54

Start Wind Speed

0

Start Cloud Cover

100

End Time

10:51

End Temperature

56

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Incidental Species Observed

- Coha
- Wewp
- Bhgr
- Nrws
- Spto
- Atfl
- Bewr
- Sosp
- Casj
- Lego
- Calt
- Acwo
- Nuwo
- Anhu
- Alhu
- Cottontail
- Cath
- Bush
- Ywar
- Modo
- Hofi
- Weta
- Wavi
- Rsha
- Blph
- Howr
- Wren
- Caqu

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: May 24, 2019, 1:43:37 PM

Survey Date

May 24, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

06:50

Start Temperature

43

Start Wind Speed

0

Start Cloud Cover

0

End Time

10:00

End Temperature

66

End Wind Speed

0

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Incidental Species Observed

- CALT
- CAQU
- SOSP
- YWAR
- CAJA
- COYE
- HOFI
- ACWO
- LEGO
- SPTO
- PSFL
- BHGR
- NOMO
- EUST
- WREN
- WEWP
- BEWR
- BLPH
- HOWR
- BUSH
- NUWO
- ANHU
- AMCR
- COHA
- Desert Cottontail

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: May 30, 2019, 11:08:52 AM

Survey Date

May 30, 2019

Observer Name

Ben Smith

Survey Conditions

Start Time

07:37

Start Temperature

55

Start Wind Speed

0-2

Start Cloud Cover

100

End Time

10:58

End Temperature

71

End Wind Speed

1-3

End Cloud Cover

1

Were Least Bell's Vireo Observed

No

Incidental Species Observed

Bewr
Nuwo
Spto
Acwo
Casj
Lego
Amro
Bhgr
Howr
Coyote
Calt
Anhu
Hofi
Bush
Wren
Wtsw
Modo
Alhu
Nrws
Cath
Cottontail
Amcr
Fence liz
Eust
Sosp
Coha
Webl
Ywar
Atfl
Huvi
Ocwa
Psfl
Wewp
Bchu
Oati
Coye
Rtha
Side-blotched liz
Ca ground sqrl
Nomo
Blph
Cora
Rsha
Caqu

Additional Notes

Bars
Caki

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: May 31, 2019, 4:38:41 PM

Survey Date

May 31, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:00

Start Temperature

57

Start Wind Speed

1-3

Start Cloud Cover

95

End Time

10:15

End Temperature

64

End Wind Speed

3-5

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Incidental Species Observed

BHGR

WREN

SPTO

BEWR

CAJA

LEGO

YWAR

OCWA

BLPH

CALT

BUSH

COHA

ACWO

ATFL

HOFI

MODO

WEBL

ANHU

SOSP

NUWO

NRWS

HUVI

COYE

CORA

ALHU

Parrot spp.

Desert cottontail

Western whip tail

Western fence lizard

Side-blotched lizard

Log Completed?

Yes

July 25, 2019

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: June 2019 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to summarize the results of the twice-weekly breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in June 2019 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The twice-weekly focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project, which states:

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

In addition, the surveys were conducted to comply with Conservation Measure 11b of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to August 31). Surveys were conducted between dawn and 11 am when weather conditions were favorable in accordance with U.S. Fish and Wildlife Service (USFWS) 2001 protocol (nesting season) guidelines.¹ Meandering transects

¹ USFWS. 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Eight focused breeding season surveys for least Bell's vireo were conducted in June 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
6/3/19	TD	0700	1059	55	63	100	100	1-2	0-1
6/7/19	JC	0700	1015	62	66	100	65	1-3	0
6/10/19	TD	0711	1059	73	91	25	15	0-1	1-3
6/14/19	JC	0725	1030	62	64	100	100	3-5	1-3
6/18/19	CT	0528	0926	62	66	100	100	0-1	1-3
6/21/19	JC	0730	1030	60	62	100	100	1-3	1-3
6/26/19	CT	0630	1006	63	63	100	100	1-2	1-3
6/28/19	CT	0625	0930	56	72	0	0	0-2	1-3

CT=Christine Tischer, JC = Jill Coumoutso, TD=Taylor Dee

No least Bell's vireo were detected during the June 2019 breeding season surveys.

No brown-headed cowbirds (*Molothrus ater*) individuals were detected outside of brown-headed cowbird traps during the June 2019 breeding season surveys.

DISCUSSION

Eight focused breeding season surveys for least Bell's vireo conducted in June 2019 did not detect least Bell's vireo in or within 500 feet of the Project site. Twice weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (August 31).

² ECORP. 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles County Public Works, Water Resources Division. March 2019.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lauren Simpson', with a long horizontal flourish extending to the right.

Lauren Simpson
Staff Biologist

LIST OF ATTACHMENTS

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

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

Submitted by: SoCal_Bio

Submitted time: Jul 24, 2019, 9:16:26 AM

Survey Date

Jun 3, 2019

Observer Name

Taylor Dee

Survey Conditions

Start Time

07:00

Start Temperature

55

Start Wind Speed

1-2

Start Cloud Cover

100

End Time

10:59

End Temperature

63

End Wind Speed

0-1

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

ACWO, BEWR, AMCR, YEWA, CALT, CAQU, ATFL, EUST, caki, Bush, SPTO, howr, SOSP, CASJ, ca ground squirrel, parrot sp., ANHU, desert cottontail, MODO, NRWS, CATH, Coha, coyote, ROPI, hofi, cora, huvi, BLPH, NUW O, Coye, RTHA, ALHU, lego, wren, oati

Additional Notes

Multiple detections of YWAR in Collector app

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jun 14, 2019, 10:35:52 AM

Survey Date

Jun 7, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:00

Start Temperature

62

Start Wind Speed

1-3

Start Cloud Cover

100

End Time

10:15

End Temperature

66

End Wind Speed

0

End Cloud Cover

65

Were Least Bell's Vireo Observed

No

Incidental Species Observed

OCWA

CALT

BUSH

SPTO

OATI

ATFL

HOWR

BEWR

ANHU

SOSP

BHGR

SWTH

CATH

BLPH

MODO

EUST

YWAR

WREN

CAQU

ACWO

PSFL

NUWO

CAJA

HOFI

LEGO

COHA

NRWS

RSAH

CA ground squirrel

Desert Cottontail

Additional Notes

EUST cavity found outside survey area

Log Completed?

Yes

Survey Date

Jun 10, 2019

Observer Name

Taylor Dee

Survey Conditions

Start Time	07:11
Start Temperature	73
Start Wind Speed	0-1
Start Cloud Cover	25
End Time	10:59
End Temperature	91
End Wind Speed	1-3

End Cloud Cover

15

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

SPTO, ACWO, BEWR, CASJ, SOSP, YWAR, RTHA, CATH, cottontail, CALT, BHGB, ALHU, ANHU, MODO, EUST, fence lizard, NUWO, Coye, wren, lego, Bush, CAQU, coyote, howr, coastal whip tail, Cora, webl, oati, clsw, NRW S, parrot sp, dcco, side-blotched lizard

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jun 14, 2019, 10:35:51 AM

Survey Date

Jun 14, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:25

Start Temperature

62

Start Wind Speed

3-5

Start Cloud Cover

100

End Time

10:30

End Temperature

64

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Incidental Species Observed

- WREN
- NUWO
- HUVI
- COHA
- BHGR
- HOWR
- CALT
- BUSH
- SOSP
- SPTO
- EUST
- AMCR
- BEWR
- OATI
- CAJA
- YWAR
- PSFL
- OCWA
- CATH
- NRWS
- COYE
- HOFI
- CAQU
- BLPH
- DEJU
- ANHU
- Parrot spp.
- Desert Cottontail

Log Completed?

Yes

Survey Date

Jun 18, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

05:28

Start Temperature

62

Start Wind Speed

0-1

Start Cloud Cover

100

End Time

09:26

End Temperature

66.8

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Locations

Just in traps

Incidental Species Observed

Cottontail, CALT, BHGR,BEWR, SPTO, HOWR,CAQU,BLPH, BUSH, coyote, CA gr squirrel, LEGO HOFI, CORA, Red crowned parrot, PSFL, HUVI, YEWA, CASJ, CATH, dom.horse (s), SOSP, WREN, NRWS, COHA, ANHU, ALH U, COYE, MALL, EUST, NOMO, RUHU,WT SW, RSHA, ACWO, BTPI

Additional Notes

Pedestrians on trails with dogs off leash, equipment started at 0700, weed removal in NW portion of disc golf course, 2 BHCO and 6 air quality monitors intact and functioning, busloads of campkids arrived at 9am.

Log Completed?

Yes

Survey Date

Jun 21, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:30

Start Temperature

60

Start Wind Speed

1-3

Start Cloud Cover

100

End Time

10:30

End Temperature

62

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Incidental Species Observed

SPTO

CALT

WREN

CAQU

HOWR

BEWR

OCWA

OATI

YWAR

WBNU

ANHU (incubate)

CATH

CAJA

AMCR

SOSP

BHGR

PSFL

HUVI

MODO

BUSH

Parrot spp.

Desert Cottontail

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jun 26, 2019, 10:07:11 AM

Survey Date

Jun 26, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:30

Start Temperature

63

Start Wind Speed

1-2

Start Cloud Cover

100

End Time

10:06

End Temperature

63

End Wind Speed

1-3

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

CORA, BHGR, SPTO, NRWS, MODO, CALT, CAQU, LEGO, BEWR, CASJ, BLPH, YEWA, BUSH, HOFI, cottontail, P SFL, HUVI, parrot, OATI, ACWO, SOSP, WREN, NOMO, AMKE, CATH, ANHU, ALHU, BASW, WEBL, WTSW, HOO R, RSHA, potentially 2 bank swallows N of BSA (unconfirmed)

Additional Notes

0700 heavy construction equipment began

0930 summer camp kids on site

Several walkers accompanied by dogs off leash on trails, in wash, and within project limits.

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 1, 2019, 9:14:39 AM

Survey Date

Jun 28, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:25

Start Temperature

56

Start Wind Speed

0-2

Start Cloud Cover

0

End Time

09:30

End Temperature

72

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

COHA, BLPH, CALT, ANHU, BEWR, SPTO, parrots, YEWA, PSFL, Spe ca., Syl aud, LEGO, CAQU, WREN, CORA, EUST, ACWO, BUSH, SOSP, OCWA, NRWS, ROPI, WTSW, BHGR, MODO, CASJ, DOWO, HOFI, HUVI, ALHU, CA TH, HOWR, AMCR NUWO Uta s, c. whiptail NOMO WEBL HOOR RSHA COYE

Additional Notes

SCE on site at 6:30, construction equipment at 0700, Tom Sawyer Camp at 0915, Audubon camp at 0930

Log Completed?

Yes

APPENDIX C

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/01/2019 3:35 PM

Date

Apr 1, 2019

Monitor Name

Christine Tischer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

06:56

Start Temperature

52

Start Cloud Cover

10

Start Wind Speed

1-2

End Time

16:30

End Temperature

74

End Cloud Cover

10

End Wind Speed

1-2

Construction Activity and Personnel

1 loader, 1 roller, 1 water truck, 2 foot crew, 1 foreman, 4-personnel working. 3 County surveyors

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

HETH, WTSW, ANHU, WCSP, YRWA, CALT, CSJA, ROPI, COYE, HOFI, NRWS, BLPH, CORA, RSHA, HOOR, ACWO, PSFL, Sceloporus, painted lady, sphynx moth, common or cabbage white,

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 Tailboard. Crew will be working on west egress road scraping and compacting with water truck. Notified them that there is an active nest in that area. No idling or lingering in close proximity and may need to modify work activity if bird is affected by construction activity. 0710 loader on site after being cleared. No birds seen at nest but may be hunkered down. Scraping upper road. 0723 pair of jays seen west of nest along lower road. Female entered nest. 0800 County surveyors on site. 0910 male to nest, probably with food. 0912 surveyor with rebar driver (20 seconds of pounding) on lower road flushed female off nest. Had them stop at 4" instead of 6" and move. 0915 Female returned. 0920 annoyed by 2nd location along upper road

but remained at nest remainder of work day with periodic visits from male. Search and rescue to conduct repelling off front of dam face next 5 days. Moved to road near trailers at 230 marking for tomorrow's work. HOFI1 w/fluff. ANHU1 incubating.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

None

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 "Christopher Fisher". The signature is written in a cursive, flowing style with a large initial "C" and "F".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/02/2019 4:31 PM

Date

Apr 2, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

52

Start Cloud Cover

3

Start Wind Speed

0-3

End Time

15:25

End Temperature

74

End Cloud Cover

45

End Wind Speed

0-5

Construction Activity and Personnel

Griffith crew. 13 personnel. 8 crew building concrete structures on west access road, 5 using loader and roller on east and west access roads and in lower staging area

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, ANHU, CALT, SOSP, BEWR, NRWS, hofi, CASJ, Bush, WTSW, EUST, ROPI, btpi, ACWO, Cora, MODO, OATI, SPTO, parrots, cago, lego, clsw, Coye, YRWA, bhgb, WEBL, RTHA, AMCR, coha, Deju, rsha, NUWO

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, gave WEAP training to 6 new Griffith workers. 0700 got work plan for day and checked on active nests near work areas. ANHU-1 still incubating and CASJ-4 also incubating. 0715 concrete structure crew began working near west access road with hand tools. Crew backfilling near east access road. Actively monitored ANHU-1 during backfilling and grading activities. She was undisturbed and did not flush during activities. 0930 east access road finished, actively monitored concrete structure crew, loader, and roller near west access road. CASJ stayed incubating on nest entire time and did not flush or appear disturbed. Male

CASJ visited 5x 1145 Victoria from CDFW stopped by to inquire about project details 1300 crew finished work on west access road, CASJ undisturbed. Crew moved to staging area to briefly smooth space for water tank 1515 crew done for day, final work area sweep. No bio issues observed

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

None

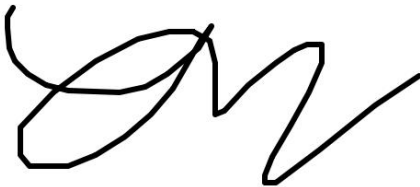
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized, cursive 'S' followed by a series of loops and a final upward stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/03/2019 4:02 PM

Date

Apr 3, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

54

Start Cloud Cover

20

Start Wind Speed

0-1

End Time

16:05

End Temperature

64

End Cloud Cover

99

End Wind Speed

0-1

Construction Activity and Personnel

Monitored a Griffith cement crew pour cement on upper (between asphalt trail to entrance/exit to Oak Grove Drive) western access road. Foreman: Lupe. Crew of 13 used hand tools. Cement trucks delivered and poured but only 1 at access road at a time.

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, ANHU, NRWS, CALT, BEWR, parrot sp., NUWO, CORA, ROPI, BLPH, WTSW, SPTO, COYE, RTHA, ACWO, RSHA, HOFI, MODO, CAGO, Western fence lizard, SOSP, SAPH, BUSH, TUVU, California ground squirrel, 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

0645 arrived onsite. Met Griffith concrete crew at western access road. Checked status of CASJ-4 before work activities began. Conducted WEAP training for 6. Monitored CASJ-4 while crew poured concrete along upper portion of access road. Based on observations, incubating female did not flush and male continued to visit the nest multiple times throughout concrete pouring and setting activities. 1430 Most of crew cleaning up and getting ready to leave for the day.

1525 Spoke with Joe and Lupe. They will work until 1600; crew of 2 using saw/machine to cut new cement into sections. 1603 Joe informed me that the saw guy was running late so it was canceled for the day and planned for tomorrow morning. No impacts to sensitive biological resources were observed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

None

Log Entry Photo D

None

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. Ma' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/04/2019 2:22 PM

Date

Apr 4, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

06:55

Start Temperature

52

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

14:25

End Temperature

59

End Cloud Cover

50

End Wind Speed

0-1

Construction Activity and Personnel

Griffith using saw to cut cement poured yesterday at western access road. At eastern access road 1 backhoe collecting dirt compiled in sediment removal area and filling pipe trench. Also crew removing center divider on Oak Grove Drive: using backhoe with jackhammer & saw to rip and cut pavement, haul trucks loaded with debris, other haul trucks delivered base, backhoe filled and roller compacted.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

Other Wildlife Species Observed

HOFI, WREN, HOWR, BLPH, CALT, CATH, CORA, CASJ, BEWR, ANHU, EUST, BUSH ROPI, MODO, NRWS, NUWO, TUVU, COYE, parrot sp., WCSP, SPTO, SOSP, SAPH, ACWO, LEGO, AMPI, RTHA, AMGO, YEWA

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

Did work activities occur outside predesignated work areas?

No

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

Log Entry

0650 On site, no tailboard 0708 Met 2 crew preparing for using saw on cement road poured yesterday. Checked CASJ-4 before cutting/sawing activities started. Observed male carry food item to incubating female at nest. 0730 Cutting started. Female flushed when cutting occurred closest to the nest within the 30 foot buffer, and after cutting had already been occurring

within buffer. CASJ returned to incubate soon after and as cutting activities moved outside the 30 ft buffer. Cutting and work on western access road done by 0830. 0845 monitored work activities in eastern access road area. By 0920 saw also used. Checked on nest status of HOFI-1, NRWS-1, and inspected SOSF and COYE activity with regrowth of wild radish and perennial pepperweed in sediment removal area. Heard yellow warbler singing near ALHU-2. Work activities did not occur near detection (> 1000 feet away). No new nests identified. No impacts to any sensitive biological resources observed.

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, appearing to be "J. M. De" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/05/2019 3:54 PM

Date

Apr 5, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

51

Start Cloud Cover

5

Start Wind Speed

1-3

End Time

13:47

End Temperature

63

End Cloud Cover

100

End Wind Speed

3-5

Construction Activity and Personnel

Griffith crew, backhoe w/ jackhammer and bucket attachments breaking up median of Oak Grove Drive, saw and torch cutting, dump 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

BLPH NRSW RODO KILL ANHU WCSP CASJ MODO SPTO AMCR fence, side-blotched, and whiptail 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, inspected site. No biological constraints identified. 0700, tailboard meeting led by Joe (Griffith) 0710, provided WEAP training 0725, started construction activities with removal of Oak Grove Dive center median using backhoe. 1345 crew completed work activities, departed the site

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

None

Log Entry Photo D

None

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

Yes

Log Completed?

Yes

Signature

BB

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/08/2019 4:26 PM

Date

Apr 8, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

07:00

Start Temperature

62

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

14:30

End Temperature

87

End Cloud Cover

60

End Wind Speed

1-3

Construction Activity and Personnel

1. One tractor loader, one vibratory soil compactor, one water truck. 2. Five personnel (Griffith Company, Joe)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

Other Wildlife Species Observed

CALT, ANHU, YRWA, NRWS, WTSW, ACWO, CORA, KILL, HOFI, ROPI, SOSP, YEWA, BLPH, RLPA, CASJ, MODO, SPTO, EUST, BHOW, Western fence lizard, common side-blotched lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

Did work activities occur outside predesignated work areas?

No

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

Log Entry

0700, Attended tailboard. 0725, Monitored crew using the tractor loader to reposition the scale house in the sediment removal area. 0745, Monitored grading along the eastern access road (entrance). Identified two cliff swallow nests (CLSW-1 and CLSW-2), one great horned owl nest (GHOW-1), and observed one yellow warbler.

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

By AdR

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/09/2019 3:27 PM

Date

Apr 9, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

53

Start Cloud Cover

5

Start Wind Speed

1-3

End Time

15:30

End Temperature

75

End Cloud Cover

10

End Wind Speed

5-10

Construction Activity and Personnel

Griffith crew used one bulldozer, one water truck, one street sweeper, one road roller, one rammer, and multiple haul trucks to conduct access road construction on the east side of the dam. Haul truck companies included H&M, Safety Trans, AD Trucking, Zaro Transportation, DSK US, Inc., Skyline, and Amirian Trucking. Crew also used one jackhammer to break up concrete on Oak Grove Drive. Griffith crew consisted of one foreman (Joe) and five workers.

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

Acorn woodpecker, common raven, Anna's hummingbird, California scrub jay, cliff swallow, northern rough-winged swallow, white-throated swift, rock pigeon, red-tailed hawk, western fence lizard, black phoebe, Say's phoebe, song sparrow, California towhee, northern mockingbird, spotted towhee, mourning dove, European starling, killdeer, American crow, and Cassin's kingbird.

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-construction sweep. Discussed the plan of day with crew and reminded them of the bird buffers in place near the work area including GHOW-1, CLSW-1, CLSW-2, and

HOFI-1. 0715, crew began construction on eastern haul road. 1000, discovered CLSW-3 nest on southern side of dam. These nests are protected by the existing GHOW-1 buffer. 1530, crew done for the day. Conducted final sweep.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

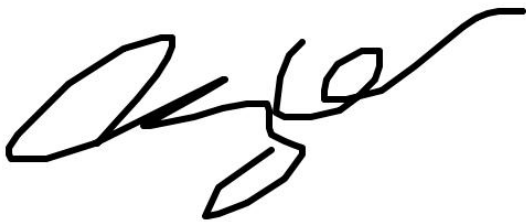
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of stylized, cursive letters that appear to read "J. L. Smith". The signature is written in a fluid, connected style with a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/10/2019 7:10 PM

Date

Apr 10, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

57

Start Cloud Cover

0

Start Wind Speed

7-12

End Time

15:00

End Temperature

79

End Cloud Cover

0

End Wind Speed

4-12

Construction Activity and Personnel

1. One skip loader, one backhoe, one water truck, and hand tools. 2. Five personnel (Griffith Company, Joe)

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, ROPI, WTSW, CAQU, MODO, ACWO, CASJ, RTHA, HOFI, EUST, MALL, NRWS, SPTO, BEWR, ANHU, 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

0700, attended tailboard 0800, monitored crew grading along the eastern access road in preparation for pouring concrete. 1125, met with Joe and Manuel (PSI) to discuss the plan for the culvert installation on the western access road. It was determined that trenching of the culvert would be postponed until the CASJ-4 nest is inactive. Additionally, paving of the road within the CASJ-4 buffer would be postponed until the nest is inactive. 1325, updated ANHU-2 nest.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/A

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

Yes

Log Completed?

Yes

Signature

Prof. R. L. L.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/11/2019 2:28 PM

Date

Apr 11, 2019

Monitor Name

Christine Tischer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

52

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:57

End Temperature

73

End Cloud Cover

100

End Wind Speed

3-5

Construction Activity and Personnel

16 laborers, 2 crews and foremen in addition to concrete crew and 3-man County survey crew. Parking personal vehicles along Oak Grove Rd. out of ESA buffers. Restoration crew with B Leatherman between yard and staging area on east side of reservoir.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, CORA, HOFI, WTSW, CASJ, ACWO, BLPH, LEGO, ANHU, NOMO, NRWS, NUWO, BUSH, SPTO, PSFL, BHCO, KILL, SOSP, BEWR, BHGR, Sceloporus, Uta, w. Tiger swallowtail, white, WIWA, ROPI

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 closing right lane of Oak Grove. HOFI1, ANHU1 CASJ4, GHOW1 on nest and ESA limits in tact. Laying lines and bracing forms in prep for concrete pour. Conducted WEAP training for 1 new worker. 0730 Notified survey crew of new ESA restrictions on dam bridge, parked elsewhere. 2 backhoes along Oak Grove digging out edge of road for ingress and egress pads. 0900 backhoe on edge of Oak Grove digging out and using hand vibrator to compact edge of

road under canopy of CLO 32 and 33 alongside road adjacent to 31. ESA fence temporarily removed. Stockpiling dirt between driveway and ESA limits some overflow beyond fence and removed road sign had slid downhill and was pressing on trunk of 32. Sign was removed and stockpiling shifted over. 0945 2 backhoes and 2 ground men moved to backfilling along newly poured west egress road. Work remained along upper road outside ESA for CASJ4. 1245 west crew cleaning up and secured area before returning leaving. CLO ESA reset, trash removed from site, 2pm

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/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 "Chris [unclear]".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/12/2019 5:05 PM

Date

Apr 12, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

51

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

14:30

End Temperature

74

End Cloud Cover

20

End Wind Speed

3-7

Construction Activity and Personnel

1. One skip loader, one water truck, one concrete pump truck, multiple concrete trucks, hand tools. 2. 17 personnel (16 from Griffith Company, Joe; 1 from Conco Pumping, multiple Robertson concrete truck drivers)

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, ROPI, ACWO, HOFI, RLPA, CORA, CANG, MODO, WTSW, NRWS, SOSP, YRWA, BLPH, CLSW, BEWR, RTHA, COHA, western fence lizard, common side-blotched lizard, pacific gopher snake

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

0655, monitored crew prepping for concrete pouring in eastern access road. 0735, monitored concrete pouring in eastern access road. 0930, monitored crew spreading dirt piles and building ramps to scales in the sediment removal area. Updated ALHU-2.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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 "R. J. B. R.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/15/2019 4:16 PM

Date

Apr 15, 2019

Monitor Name

Christine Tischer

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

52

Start Cloud Cover

80

Start Wind Speed

0-2

End Time

16:10

End Temperature

73

End Cloud Cover

15

End Wind Speed

4-6

Construction Activity and Personnel

6 groundcrew along Oak Grove Rd by yard, 3 operators, 1 backhoe, 1 roller, 1 blade clearing east lower access road outside HOFI1 and ANHU 1 buffer, 1 water truck, 1-2 foreman. Survey crew (3) staking west lower access road. 2 AQMD monitors. Restoration crew and monitor (Kent Hughes) on site. Saw cutter. Grounds crew fixing blown out orange snow fencing around project limits.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ROPI, CALT, HOFI, CASJ, EUST, ACWO, YEWA, ANHU, CORA, BEWR, WAVI, YRWA, WCSP, SOSP, MODO, BHGR, LEGO, Sceloporus, Uta, common whit, painted lady, CAQU, NRWS, GHOW, WTSW, ATFL,

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

0655 WEAP training to 2 new crew members. Deactivated ANHU7 and LEGO1, Moved ESA limits to ANH5 buffer limits. Group of 8 women walked thru site and temporarily caused delay as they passed by skip loader...done on west side by 0930. 0930 pouring pad east of bridge and driveway and along driveway to Oak Grove...done at 1:15. Temporarily removed southern CLO

limits along Oak Grove Rd. Grading and rolling east lower access road majority of day. Outside HOFI1 and ANHU1 ESA limits. 11:20 using skip loader to flatten weeds in basin, switched to roller and continued until noon. Staking crew done on west side at 2:15. 3:40 Saw cutting joints of newly poured concrete.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/A

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

Yes

Log Completed?

Yes

Signature

Christa Lide

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/16/2019 4:11 PM

Date

Apr 16, 2019

Monitor Name

Jessie Dubus

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

55

Start Cloud Cover

90

Start Wind Speed

0-1

End Time

16:10

End Temperature

59

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

West side access road paving: 1) Roller (1), pick up truck (1), cement truck (1) 2) Joe (foreman), 6 crew East side veg clearing/grading 1) Dozer (1), water truck (2), scraper (1), roller (1), pick up trucks (1) 2) equipment drivers + 1 spotter + Joe (6 crew)

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, ANHU, BLPH (passing), ACWO, EUST (top of phone pole by proj trailers), KILL (in basin on and near KILL-1), MODO (perched on powerlines above bridge), CASJ (perched on powerlines above footbridge and incubating CASJ-4), AMRO, BLPH, HOFI (in trees N of dam on W side, 200ft NE of trail), CLSW (flying through, flocked at bottom of basin)

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

0615: WEAP trained 6 workers. 0640: Observed CASJ-4 prior to workers/equipment arriving, no flushing or nest activity observed (Photos A/B). Observed until ~0800, no activity on or around nest. 0800: Established boundaries with workers, left for east side. EUST and ACWO on telephone pole by trailer. No nests (EUST1) observed. 0820: Performed walk-through/bino

survey of area to be graded. Observed site of KILL-1 nest, female incubating. Flushes nest when I walk on road, but passing vehicles OK. KILL foraging and calling within basin ~100ft from KILL-1 (parallel to road). Possible new nest on N side of basin between flagged post and ESA sign- male KILL observed on rock, kept ducking into weeds on other side of berm (photo C). 0920: Veg cleared, grading. Went to W side to check CASJ4 again, inactive. 1000: Provided WEAP to Union Rep who arrived onsite. 1033: Crew cleared out on W side. Incubation observed at CASJ4. 1050: Crew grading basin. 1500: Crew paving W side. CASJ4 incubating.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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: 04/17/2019 3:35 PM

Date

Apr 17, 2019

Monitor Name

Jessie Dubus

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:34

End Temperature

78

End Cloud Cover

0

End Wind Speed

2-3

Construction Activity and Personnel

1) Scraper (2), water truck (1), roller (1), pick up truck (2) 2) 6 personnel from Griffith plus Joe (foreman)

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

MODO, EUST, KILL, SOSP, COYE, SPTO, CATO, AMCR, 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

0640: WEAP trained 1 crew member. 0710: Observed KILL-1. Female incubating. Flushes when I stand on road for more than a few minutes. Does not appear to flush as vehicles pass. 0720: Earthwork on E access road to be done all day. Performed walk through of area with tall radish to be graded. Multiple (4) SOSP foraging in area but no pairs observed and none carrying nesting material. No nests observed. 0900: Grading begins. 1130: Crew took lunch break, checked on KILL1. Still incubating, flushed when I walked by. 1200: Resumed grading, continued to monitor and survey future areas to be graded. 1445: Dozer moved to E access road. KILL1 still incubating. Best observed by standing on NW side of basin (by ESA posts) so as not to flush her.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 stylized 'M' followed by a long, sweeping horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/18/2019 5:20 PM

Date

Apr 18, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

54

Start Cloud Cover

15

Start Wind Speed

0-1

End Time

N/A

End Temperature

87

End Cloud Cover

15

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. one crew working on Oak grove drive doing lane striping. One crew working on building up access road on east side using roller, scrapers, and front loaders. One crew moving pipe using skip loader, also used skip loader to remove weeds. Appx 15 personnel.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

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, ANHU, hofi, GHOW, NRWS, Killdeer, SOSP, BEWR, EUST, Yewa, COYE, COHA, BHGB, CALT, CASJ, LEGO, SPTO, WTSW, RTHA, ALHU, western toad, 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 on site and trained 4 new Griffith workers. Inspected site and active birds nests. Crew working on oak grove drive as well as on east access road using scrapers and rollers to build roads. Inspected regrowth of nonnative in Basin. SOSP and COYE activity high but no indication of nesting yet. Informed County and Griffith of the need for immediate removal to prevent nesting. 0900 trained 4 more County crew 0915 Griffith began removing nonnative veg in basin using skip loader under biologist supervision. 1 western toad relocated. HOFI-1

incubating, ANHU-1 feeding chicks, ANHU-2 feeding chicks, KILL-1 incubating, MODO-1 incubating, CASJ-4 incubating. Shrub around CASJ-4 looked like branches may be broken. Discussed with Joe and County and determined did not occur during work hours. Nest unaffected. Reiterated need to protect bird nests. 1300 continued with weed removal. No bio issues observed. 1430 relieved by Torrey & left site. Went to Manning pit and trained 11 truckers

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. It consists of a series of loops and strokes, starting with a vertical line on the left, followed by a large loop, then a series of smaller, more horizontal strokes, and ending with a long, sweeping line that extends to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/19/2019 2:43 PM

Date

Apr 19, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

50

Start Wind Speed

0-2

End Time

14:45

End Temperature

83

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

1. Two scrapers, one vibratory soil compactor, one Excavator, two water trucks, one haul truck, one backhoe, skip loader, hand tools. 11 guys 2. Twelve personnel (Griffith Company, Joe)

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, CORA, SPTO, RSHA, ANHU, MODO, COYE, NRWS, SOSP, WTSW, GHOW, CASJ, HOFI, CLSW, EUST, ACWO, BLPH, Western fence lizard, common 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

0700, attended tailboard. 0715, conducted Worker Environmental Awareness Plan training for two new workers. 0737- monitored road grading along eastern access road, laying of concrete pipe at staging area on east side, and backfilling adjacent to the newly laid concrete on the eastern access road. 0820- monitored concrete pipe installation within the Altadena drainage beneath the access road. 0848- updated GHOW-1 nest. 0916- updated CASJ-4 nest. 1108- updated EUST-4 nest.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/A

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

Yes

Log Completed?

No

Signature

A handwritten signature in black ink, appearing to be "P. M. Allen", followed by a comma.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/22/2019 6:03 PM

Date

Apr 22, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

44

Start Cloud Cover

40

Start Wind Speed

0-2

End Time

15:25

End Temperature

73

End Cloud Cover

25

End Wind Speed

1-3

Construction Activity and Personnel

1. One bulldozer, one backhoe, one skip loader, one water truck, hand tools. 2. Six personnel (Griffith Company, Joe).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

NRWS, RSHA, CASJ, CALT, ANHU, BHGB, SOSP, SPTO, MODO, YWRA, CANG, ROPI, CORA, ACWO, EUST, WTSW, CLSW, KILL, COYE, YRWA, LEGO, MALL, BEWR, RTHA, BHCB, western fence lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0655- Monitor checked on the HOFI-1 nest on his walk up to the tailboard. The female was sitting in the incubating position on the nest.

0700, attended tailboard.

0715, monitored road grading along eastern access road. Updated ANHU-2 nest. Identified one new nest (ANHU-10).

1345, monitored road grading along western access road.

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 "Bp Adh", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/23/2019 6:28 PM

Date

Apr 23, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

58

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

15:20

End Temperature

83

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

1. One excavator, one skip loader, two water trucks, one saw cutter, and hand tools. 2. Nine personnel (Griffith Company, Joe)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

NRWS, CANG, SPTO, ANHU, SOSP, COYE, KILL, EUST, CORA, CLSW, HOFI, CASJ, CALT, BLPH, MALL, BHCB, WTSW, YEWA Western fence lizard, common side-blotched lizard, CA ground squirrel

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0655- Monitor checked on the HOFI-1 nest on his walk up to the tailboard. The female was sitting in the incubating position on the nest.

0700, attended tailboard.

0715, monitored saw cutting on eastern access road.

0725, monitored road grading along western access road. Updated ANHU-3.

0900, monitored road grading on eastern access road In preparation for concrete. Updated HOFI-1 and ANHU-1. 0955, monitored installation of low flow culvert pipe beneath western access road.

1050, monitored road grading along western access road.

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, appearing to be "B. J. [unclear]". The signature is written in a cursive, flowing style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/24/2019 7:55 PM

Date

Apr 24, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

55

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

15:20

End Temperature

85

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two scrapers, one bulldozer, one skip loader, one vibratory soil compactor, two water trucks, hand tools. 2. Ten personnel on road grading/building crew, 12 personnel on concrete form building crew (Griffith Company, Joe), 3 personnel on fence crew.

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

CALT, EUST, NRWS, SOSP, COYE, CANG, ROPI, ANHU, MODO, HOFI, CLSW, CASJ, CORA, Desert cottontail, coastal whiptail

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0655, checked status of HOFI-1 nest. The female was sitting in the incubating position on the nest. 0700, attended tailboard. 0705, gave worker training to 5 new personnel. 0720, monitored crew building forms along eastern access road. 0730, conducted sweep of weeded section of sediment removal area closest to the dam. 0750, monitored crew road grading/building along western access road. 0755, monitored vegetation removal in weeded section in southern section of sediment removal area. Identified one new nest (HOFI-3). 0815- monitored ESA fence repair around perimeter of sediment removal area. 1035, conducted sweep of other weeded section in the sediment removal area adjacent to staging area. 1235, monitored vegetation removal in weeded section of the sediment removal area adjacent to staging area. Relocated four desert cottontails and one coastal whiptail.

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 "B. M. H.", followed by a vertical line.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/25/2019 6:17 PM

Date

Apr 25, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:20

End Temperature

80

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

1. Two scrapers, one bulldozer, one skip loader, one vibratory soil compactor, two water trucks, one concrete pump truck, multiple concrete trucks, hand tools. 2. Six personnel on road grading/building crew, approximately 15 personnel on concrete pouring crew (Griffith Company, Joe), one person concrete pouring truck (Conco)

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, BLPH, COYE, SAVS, KILL, SOSP, WTSW, CASJ, NRWS, EUST, CAQU, NOFL, SPSA, RSHA, HOFI, Coastal whiptail, western fence lizard, desert cottontail

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0655, checked status of HOFI-1 nest. The female was sitting in the incubating position on the nest. 0700, attended tailboard. 0705, conducted a clearance sweep in the weeded area adjacent to the staging area. 0715- monitored vegetation removal in the weeded area adjacent to the staging area. 0740- monitored concrete pouring on eastern access road. 0750- monitored road grading/building on western access road. 0755- conducted clearance sweep of remaining weeded area in the middle of the sediment removal area. 0920- monitored vegetation removal in the weeded area in the middle of the sediment removal area. 1000- conducted clearance sweep of the northernmost weeded area. Identified one new nest (CAQU-1). 1215- monitored vegetation removal in the northern most weeded area.

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, appearing to be "B. L. L. L.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/29/2019 7:26 AM

Date

Apr 26, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

58

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:20

End Temperature

79

End Cloud Cover

5

End Wind Speed

1-4

Construction Activity and Personnel

1. Two scrapers, one bulldozer, one skip loader, one vibratory soil compactor, two water trucks, one concrete truck, hand tools. 2. Six personnel on road grading/building crew, two personnel on electrical crew (Griffith Company, Joe)

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

WEKI, BLPH, SOSP, COYE, KILL, CORA, NRWS, ANHU, ROPI, CALT, MODO, HOFI, RSHA, CA ground squirrel, coastal whiptail, common side-blotched lizard

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

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

Log Entry

0700, attended tailboard. 0710, gave worker environmental training to one new person. 0720- monitored electrical work at entrance to eastern access road. 0725- monitored road grading/building on the western access road. 0915- monitored backfilling along new concrete section of eastern access road. Updated KILL-1.

1336, Monitor noticed that they crew had been staging materials (ESA fencing, chain link fence panels, etc.) in the trailer yard within the buffer for the HOFI-1 nest. The chain link fence panels were leaned up against the building which housed the nest and were within a few feet of where the nest is located. A couple minutes later, the crew entered the nest buffer and dropped staging metal material (possibly shoring) on the ground using a skip loader, which made a loud noise. The Monitor immediately notified the crew that they couldn't work within the buffer and they needed to stage their materials outside of the buffer and closer to the construction trailer. The Monitor did not allow the crew to move the materials deposited within the buffer because it could potentially have caused additional disturbance within the buffer. The Monitor checked on the status of the HOFI-1 nest and didn't see any activity for 15 minutes. The Monitor noted there were multiple HOFI heard in the area during the 15 minute period. The Monitor checked on the nest again from 1455-1520 and no activity was observed.

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 "B. Anderson". The signature is written in a cursive, flowing style with a large initial "B" and a long, sweeping underline.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/10/2019 1:41 PM

Date

Apr 29, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

Start Time

06:30

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:53

End Temperature

61

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. 12 personnel. 2 scrapers, 1 roller, 1 skip loader. Scraper crew working on building west access road. Also working on securing east access road.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

YEWA, SPTO, kill, Cora, SOSP, MODO, NRWS, ANHU, CALT, ACWO, EUST, Coye, CASJ, AMCR, parrot, WETA, CATH, BEWR, WTSW, BUSH, CAKI, HOFI, GHOW

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0630 arrived on site and did pre work sweep. Checked on HOFI-1, nest appeared to be empty

0700 attended tailboard. Discussed with crew importance of honoring bird buffers and keeping an eye out for baby Killdeer.

0710 trained 1 new Griffith worker.

0715- monitored road construction while checking on nests.

0830 – Monitor checked on the HOFI-1 nest and it still appeared to be empty.

1120 – Monitor checked on the HOFI-1 nest and it still appeared to be empty.

1230 – Monitor checked on the HOFI-1 nest and it still appeared to be empty.

1300 gave WEAP training to reporter

1330 – Monitor checked on the HOFI-1 nest and it still appeared to be empty.

1330 continued monitoring road construction

1500 - Monitor checked on the HOFI-1 nest and it still appeared to be empty. Monitor checked inside the nest with a mirror and observed three eggs. House finches were heard in the area. The nest had not yet been checked on Friday 4/26/19 prior to when the Monitor found the materials stacked within the buffer. As a result, the Monitor could not be sure if the activities caused the female to abandon the nest or if something else happened to her prior to the nest check. To avoid any potential impacts to nests in the future, the Lead Monitor communicated with the County Inspector that all crews need to be reminded of the significance of nest buffers and the fact that no activities are allowed within nest buffers.

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 series of loops and a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/30/2019 3:43 PM

Date

Apr 30, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:45

End Temperature

64

End Cloud Cover

99

End Wind Speed

1-3

Construction Activity and Personnel

Biologist monitored crew conducting mainly earthwork, but also some surveying and staking. Crew was building up access roads. Construction equipment included: 2 scrapers, 1 roller, 2 dozers, 1 water truck, and 1 street sweeper (operating at concrete paved portions of access roads).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

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, SOSP, KILL, parrot sp., WTSW, CASJ, SAPH, CAKI, NRWS, CALT, CATH, YEWA, MODO, WREN, ANHU, BEWR, GHOW, SPTO, ALHU, LEGO, BUSH, CORA, HUVI, CAGO, WEBL, COYE, RTHA, Western fence lizard, HOFI, ROPI

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 Biologist on site; conducted sweep of work areas. 0700 Met crew at staging area. 0715 Crew began work. 0939 Surveyed area where crew wanted to pull dirt from, north of where they were working in the sediment removal area. Monitored adjacent habitat while scraper collected dirt. No nests or sensitive biological resources were observed. 1530 Crew stopped work. 1545 Biologist left site. No impacts to any sensitive biological impacts observed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 several overlapping, stylized loops and strokes.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/01/2019 4:07 PM

Date

May 1, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:33

Start Temperature

50

Start Cloud Cover

85

Start Wind Speed

0-1

End Time

15:45

End Temperature

72

End Cloud Cover

20

End Wind Speed

0-1

Construction Activity and Personnel

Earthwork & building access roads. Crew grading western access road. Haul trucks delivering aggregate for access road. Conducting vegetation maintenance of emergent, low, and sparse vegetation (mainly non-native) that has grown since rains over last several months. Construction equipment included 1 roller, 2 dozer/skids, 1 water truck, and 1 scraper.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

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, CORA, YEWA, ANHU, SOSP, HUVI, WTSW, NRWS, MODO, BUSH, CALT, SPTO, CLSW, HOFI, CAQU, ROPI, CASJ, NOMO, COYE, MALL, BARS, WEBL, CAKI, LEGO, RTHA, COHA, ACWO, NUWO, TUVU, HOOR, western fence lizard, California ground squirrel, GHOW

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

0633 Onsite and attended Griffith tailboard meeting. Foreman explained plan for the day. 0700 Crew mobilized and Biologist conducted sweep of work area then proceeded to monitor construction activities. 0715 Observed recreationist birding within nest buffers along southwestern boundary outside project construction area. 1311 Went with Griffith foreman to check area he wanted to conduct earthwork in. Surveyed area, no sensitive biological resources

observed. 1515 Went over plan for tomorrow with Griffith foreman and notified monitor scheduled for tomorrow. 1530 Work stopped. No impacts to sensitive biological resources were observed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 several overlapping, stylized loops and strokes.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/03/2019 2:15 PM

Date

May 2, 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

40

Start Wind Speed

0-2

End Time

15:15

End Temperature

70

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

1. One skip loader, one bulldozer, one vibratory roller, one scraper, one water truck, hand tools.
2. Nine personnel (Griffith Company, Joe)

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

BHGB, SOSP, EUST, CORA, CANG, COYE, WEKI, ANHU, CAQU, MODO, ROPI, WEBL, ATFL, SPTO, TUVU, RTHA, CALT, CA ground squirrel, common side-blotched lizard, 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, attended tailboard. 0705, gave environmental training to one new person. 0730, monitored haul road grading/building. 0740, monitored road grading on western access road. 1230, updated CASJ-4 nest.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/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. P. Brown", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/03/2019 2:15 PM

Date

May 2, 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

40

Start Wind Speed

0-2

End Time

15:15

End Temperature

70

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

1. One skip loader, one bulldozer, one vibratory roller, one scraper, one water truck, hand tools.
2. Nine personnel (Griffith Company, Joe)

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

BHGB, SOSP, EUST, CORA, CANG, COYE, WEKI, ANHU, CAQU, MODO, ROPI, WEBL, ATFL, SPTO, TUVU, RTHA, CALT, CA ground squirrel, common side-blotched lizard, 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, attended tailboard. 0705, gave environmental training to one new person. 0730, monitored haul road grading/building. 0740, monitored road grading on western access road. 1230, updated CASJ-4 nest.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/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. P. Brown", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/06/2019 6:28 PM

Date

May 6, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

54

Start Cloud Cover

95

Start Wind Speed

0-2

End Time

15:20

End Temperature

66

End Cloud Cover

95

End Wind Speed

1-3

Construction Activity and Personnel

1. One bulldozer, one scraper, one excavator, one water truck, two skip loaders, one vibratory soil compactor, one asphalt roller, one paver, one haul truck, hand tools. 2. Sixteen personnel (Griffith Company, Joe)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Species: COYE, CALT, BLPH, CORA, RSHA, CASJ, NRWS, MALL, KILL, MODO, YEWA, SPTO, BHGB, ANHU, WEKI, TUVU, SOSA, CA ground squirrel, 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

0650, attended tailboard. 0700, gave environmental training to one new worker. 0727, monitored crew loading dirt into a haul truck in order to do a test run on the western access road. 0730, monitored crew doing a test run with the haul truck on the western access road. 0800, monitored road grading/compacting on western access road. 0820, monitored crew placing additional grates at top of western access road. 0832, monitored road grading on haul

road north of the scale house. 0855, monitored paving on western access road. 1050, gave environmental training to one new LACDPW employee. 1255, identified new YEWA nest (YEWA-1). 1428, monitored grading/road building on western access road.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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 "B. J. H. A.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/07/2019 6:42 PM

Date

May 7, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:35

End Temperature

61

End Cloud Cover

100

End Wind Speed

0-2

Construction Activity and Personnel

1. One bulldozer, one skip loader, one scraper, one vibratory roller, one excavator, one water truck, hand tools. 2. Nine personnel (Griffith Company, Joe)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BLPH, SOSP, EUST, ACWO, CALT, HOFI, NRWS, ANHU, MODO, MALL, RLPA, ROPI, YWAR, SPTO, CORA, CANG, BHGB, western toad, 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, attended tailboard. 0710, monitored repair of eastern access road low flow through the Altadena Drainage. Relocated 300+ western toad tadpoles that were displaced and stranded by stormwater flow overnight. 0748, monitored repair of low flow inlet on western access road. 0755, monitored road grading/building on western access road. Updated ANHU-11. Observed YWAR.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/A

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

Yes

Log Completed?

No

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/08/2019 5:32 PM

Date

May 8, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:47

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:27

End Temperature

60

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Crew working on access road, excavator roller, front end loads, scraper. Excavator scraper and front end loader working on low flow channel, east access road.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO ANHU WCSW BLPH SOSP HOFI YWAR CYTH MALL CAGO

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 met with crew, conducted safety tailboard. No new workers. Crew working on western access road. YWAR-1, ANHU-11, NRWS 1 & 2 nests within work vicinity. GHOW nest nearby but not within work area, only foreseeable issue is no parking on bridge. YWAR-1, did not observe, will check later. ANHU, female observed incubating, not disturbed by work. NRWS nests, no activity observed, possible female incubating in NRWS 1. Observed male yellow warbler in willow bear access road. Monitored trimming of willow tree overhanging access road, examined for nests prior to removal. No issues found in willow, allowed them to trim the bare minimum necessary. After lunch, crew grading access road, excavator working eastern low flow channel on east access road. Did not identify and KILL in area of low flow crossing.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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, overlapping letters and a horizontal line at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/09/2019 6:04 PM

Date

May 9, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

03:30

End Temperature

61

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Front end loader, roller one mid-loader. Crew of 5. West access road work, some grading in basins. Removing some vegetation in basin (excavator).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

NRWS YWAR SAPH BLPH SOSP ANHU CORA RTHA

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 met with crew, WEAP trained one individual (Ed #187). Crew working on access road today (west). Observed nests in area. KILL nest and surrounding area checked for individuals, none found. Kent Hughes was restoration monitor near KILL nest. He did not observe KILL either. YWAR - observed male exhibiting territorial behavior near access road, did not observed female building nest yet (0800). ANHU-11 nest, female observed incubating. Unaffected by construction work. Observed NRWS nests. Observed NRWS entering and exiting NRWS1. Did not observe anything at NRWS 2. Crew will be removing some vegetation near truck washing station, swept area and found no issues.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/A

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

Yes

Log Completed?

Yes

Signature

何 凡

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/13/2019 8:09 AM

Date

May 10, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:15

End Temperature

62

End Cloud Cover

100

End Wind Speed

0-2

Construction Activity and Personnel

1. One bulldozer, one vibratory soil compactor, multiple bottom-dump trucks, one skip loader, one grader, one water truck, one water pump, hand tools. 2. Ten personnel (Griffith Company, Joe)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BHCB, CASJ, RLPA, MALL, CANG, YWAR, EUST, COYE, SOSP, NRWS, SPTO, BLPH, ANHU, BUSH, MODO, CALT, HOFI, WBNU, BEWR, ATFL, BHGB, RTHA, WEKI, TUVU, ROPI, ACWO, LEGO, 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

0655, attended tailboard. 0705, monitored road compaction on the western access road. Observed YWAR. 0724, monitored vegetation removal adjacent to the scale house. 0810, monitored laying of base on western access road. 0840, monitored crew setting up water pump at inlet beneath western access road in preparation for stormwater flow. They plan to pump water through the pipe if it builds up at the inlet. 1126, monitored excavator digging a cut on

the northeast side of the sediment removal area to prepare for the following week and attempt to divert potential stormwater. Identified new LEGO nest (LEGO-3).

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

By Tyler!

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/13/2019 3:30 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

May 13, 2019

Monitor Name

Todd Chapman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

66

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:30

End Temperature

71

End Cloud Cover

20

End Wind Speed

2-4

Construction Activity and Personnel

road maintenance (front loader, back ho, roller, weighing of haul trucks, griffiths -7 personnel, trucking company 30-45.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

bullfrog, morning cloak, ground squirrel

Topics to Cover on the Next Monitoring Day

watch 15 mph speed limit. no parking on the bridge, bird nests have buffers delineated by red/white flaggong tape.

Log Entry #1

0830 road maintenance.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

1320 still weighing trucks and maintaining haul roads

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

creating stockpile of sediment

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/14/2019 3:28 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

May 14, 2019

Monitor Name

Todd Chapman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

05:44

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:27

End Temperature

81

End Cloud Cover

5

End Wind Speed

3-5

Construction Activity and Personnel

No truck hauling today. Digging a channel for water diversion. Road maintenance. and site prep for following week beginning of truck hauling.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

western fence lizard

Topics to Cover on the Next Monitoring Day

Log Entry #1

excavating drainage canal.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

removing vegetation

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

continuing to excavate diversion channel

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/15/2019 7:18 PM

Date

May 15, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:45

End Temperature

66

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Griffity crew conducting work involving 1 excavator, 1 front loader, 1 loader skip, and 1 water truck. Crew digging trench and building up berm along trench. Trench extends from west to east side.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

YEWA

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

COYE, SOSP, HOFI, CORA, LEGO, EUST, BHCO, GBHE, CLSW, NRWS, ALHU, BUSH, CASJ, CALT, NUWO, WEKI, HUVI, MODO, YEWA, SPTO, WREN, RSHA, NOMO, ANHU, BEWR, GHOW, BLPH, parrot sp., 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

0645 Biologist onsite. Conducted WEAP training for 2 fence crew members. 0702 Discussed plan of the day for the day with the Griffith foreman. Crew would be preparing site for forecasted rain. Conducted sweep of work areas while crew mobilized and prepared to start work. Monitored crew conduct earthwork which occurred on the west and east sides of the

site. Crew stopped earthwork at 15:15. Crew prepared to leave site. 1530 Discussed plan for tomorrow with foreman. No impacts to any sensitive biological resources observed.

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 stylized, overlapping loops and strokes, likely representing the initials 'AB'.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 05/16/2019 3:18 PM

Date

May 16, 2019

Monitor Name

Gregory Stratton

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

3-5

End Time

15:15

End Temperature

67

End Cloud Cover

60

End Wind Speed

3-5

Construction Activity and Personnel

The site foreman, Joe and a small crew of two workers from Griffith Company were onsite. Construction activity included using two small pumps to pump rainwater runoff through a culvert in the west side access ramp and installing chain link fence near the east side entrance. Two workers from Ace Fence were also onsite installing posts and chain link fence along the east entrance near the construction trailers.

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, HOFI, MODO, EUST, BLPH, CLSW, ACWO, CASJ, CORA, NRWS, COYE, RSHA

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

0700-1215 monitored workers using 2 pumps to pump rainwater runoff through culvert on the west access ramp. 1215-1500 monitored workers installing posts and fence near the construction trailers and east entrance.

Log Entry - Photos taken?

No

Log Entry Photo A

N/A

Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 "Deep Staff", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/20/2019 10:46 AM

Date

May 17, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

48

Start Cloud Cover

10

Start Wind Speed

0-2

End Time

15:30

End Temperature

69

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Griffith crew filled a low flow channel with previously stockpiled dirt using a front loader and a skip loader. Outside the reservoir a fence crew installed a chain-link fence and another Griffith crew conducted pipe work involving a backhoe. Griffith crew also laid asphalt at end of cul de sac on La Canada Verdugo Rd. using a skip loader and shovels.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

HOFI, BLPH, desert cottontail, EUST, YEWA, California ground squirrel, ACWO, LEGO, CALT, WTSW, RTHA, COYE, SOSP, CLSW, CORA, HUVI, CASJ, SPTO, ANHU, BUSH, NRWS, MALL, GHOW, ALHU

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 Biologist onsite and conducted sweep of work areas. 0700 spoke with Griffith temporary foreman about plan for the day. 0702 conducted WEAP training for 2 new fence crew workers. 0715 construction started 1025 Griffith used excavator to pull sediment samples from previously stockpiled piles in reservoir. 1455 construction work done for the day 1500

conducted final sweep of work areas 1530 biologist left site No impacts to sensitive biological resources were observed.

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 several overlapping, stylized loops and strokes, positioned below the 'Signature' label.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/22/2019 7:12 AM

Date

May 21, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:00

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:30

End Temperature

63

End Cloud Cover

85

End Wind Speed

2-5

Construction Activity and Personnel

1. Two excavators, one front loader, one scraper, one skip loader, two sweepers, two water trucks, 58 bottom dump trucks. 2. 15 personnel (Griffith Company, Joe), 58 bottom dump truck drivers (various companies).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

COYE, BHGB, BLPH, CORA, MALL, CANG, CALT, SPTO, ANHU, ACWO, EUST, MODO, LEGO, YWAR, CASJ, BHCB, CAQU, ROPI, NOMO, YRWA, AMRO, Pacific gopher snake, 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

0600, attended tailboard. 0630, trained 4 new personnel. 0711, monitored excavator and front loader loading sediment into bottom dump trucks to be hauled off site.

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/23/2019 9:02 AM

Date

May 22, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

47

Start Cloud Cover

10

Start Wind Speed

0-2

End Time

03:30

End Temperature

54

End Cloud Cover

95

End Wind Speed

2-5

Construction Activity and Personnel

1. Two excavators, one skip loader, one front loader, one blade, four water trucks, three sweepers, 58 bottom dump trucks. 2. 10 personnel (Griffith Company, Joe), 58 bottom dump truck personnel (various companies), 8 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

COYE, CALT, ANHU, RLPA, NRWS, EUST, SPTO, HOFI, BLPH, WAVI, LEGO, MODO, BHGB, BUSH, BHCB, YWAR, CORA, RSHA, SOSP, MALL, Coyote, western toad, western mosquitofish, 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

0650, attended tailboard. 0710, monitored excavator loading bottom dump trucks with dirt to be hauled off site. 0745, identified new ANHU nest (ANHU-15). 0835, updated ANHU-10. 0837, updated ANHU-11. 1150, updated YWAR-1. 1500- monitored front loader laying fill at bottom of eastern access road above the low flow.

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, appearing to be "K. J. R. H.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/24/2019 7:12 AM

Date

May 23, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

53

Start Cloud Cover

95

Start Wind Speed

0-2

End Time

03:20

End Temperature

57

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one skip loader, one front loader, one blade, four water trucks, three sweepers, one mechanic truck, 58 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 58 bottom dump truck personnel (various companies), 9 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, EUST, CASJ, CALT, CORA, YWAR, MALL, SOSP, NRWS, SPTO, COYE, MODO, ROPI, RSHA, BLPH, HOFI, CATH, ANHU

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

0650, attended tailboard. 0700, gave environmental training to 3 new personnel. 0710, monitored excavator loading bottom dump trucks with dirt to be hauled off site. 0745, gave training to one new bottom dump truck driver. 0800, gave training to one new bottom dump truck driver. 1326, updated NRWS-2. 1510, monitored haul road grading.

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

By the '1

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/24/2019 7:14 PM

Date

May 24, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

47

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

15:00

End Temperature

74

End Cloud Cover

35

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one skip loader, one front loader, one blade, four water trucks, three sweepers, one mechanic truck, 58 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 58 bottom dump truck personnel (various companies), 8 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ANHU, CALT, COYE, SOSP, CASJ, NRWS, MALL, SPTO, YWAR, NOFL, LEGO, HOFI, CORA, BEWR, ACWO, WTSW, BHGB, MODO, BLPH, ROPI, desert cottontail, 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

0610, gave environmental training stickers to four TetraTech employees who have already received training. 0630, gave environmental training to 8 new LACDPW personnel. 0650, attended tailboard. 0705, monitored excavator loading bottom dump trucks with dirt to be hauled off site. 0825, updated ANHU-15. 0840, gave environmental training sticker to bottom dump truck driver who had previously received the training.

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

Wm. C. Dr.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/28/2019 3:36 PM

Date

May 28, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:36

End Temperature

71

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal from cut. 30+ trucks, 3 water trucks, 2 excavators, 1 front end loader, 2 scrapers.

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?

Other Wildlife Species Observed

CORA, AMPA, GHOW, SOSP, HOFI, ANHU, BLPH, SAPH, MALL, YEWA, YETH

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 participated in worker tailboard. Training for three new workers (Griffith). 2 new truck drivers trained as well. Checked on nearby nests: ANHU-15 female observed incubating; NRWS-2 & NRWS-1 observed NRWS entering and exiting nests; GHOW fledgelings still hanging out in oak trees near east side of dam; no YWAR activity in creek near old YWAR-1 nest. LEGO-3 no activity at nest. Marked CLSW nest under overpass near Alta dena drainage. Post-con sweep, no issues

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

By KAL.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/29/2019 3:17 PM

Date

May 29, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:21

Start Temperature

56

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

15:15

End Temperature

80

End Cloud Cover

25

End Wind Speed

0-2

Construction Activity and Personnel

Griffith Co. crew loading haul trucks with sediment. 2 excavators, 1 front loader 1 scraper. Appx 12 personnel not including truckers.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

Other Wildlife Species Observed

SOSP, SPTO, Coye, parrot sp. BEWR, NRWS, CASJ, ROPI, EUST, GHOW, CORA, LEGO, CLSW, CALT, BLPH, HOFI, BARS, YWAR, MODO, NUWO, UTASTA, CATH, WETA, ANHU, RTHA, AMCR, WTSW, striped racer otobee, BHGB, ACWO, ATFL, ANHU

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 Tailboard- discusses being aware of surroundings and unsteady terrain near cut edge 0730 checked GHOW nest, fledglings still in oak tree. Checked NRWS-1 feeding chicks 0800 trained one new trucker 0810 checked on ANHU-15, still incubating and undisturbed. NRWS-2 May be feeding chicks. Continued to survey low growing vegetation regrowth for potential nests (SOSP, Coye, CALT) but was unable to find any specific nest locations or see any nesting behavior. 1400 deactivated ANHU-5. Crew continued loading haul trucks throughout entire day 1445

found BEWR-1 nest in fallen log. Notified front loader operator and Johnny. Will have Adam discuss with crew tomorrow at tailboard. 1515 crew done for day, biologist left site

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

22

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/30/2019 10:14 PM

Date

May 30, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

52

Start Cloud Cover

80

Start Wind Speed

0-2

End Time

15:20

End Temperature

80

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one vibratory soil compactor, one front loader, one blade, three water trucks, two sweepers, one mechanic truck, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 4 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

COYE, CASJ, WTSW, RLPA, NRWS, SPTO, YWAR, SOSP, CORA, LEGO, CALT, ROPI, CLSW, BLPH, EUST, ALHU, MALL, ANHU, NUWO, CAQU, BEWR, BHGB, Desert cottontail, 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

0640, gave environmental training to one new Griffith employee. 0655, attended tailboard. 0705, monitored excavators loading bottom dump trucks with dirt to be hauled off site. 0815, gave environmental training sticker to bottom dump truck driver who had previously received the training. 1353, update LEGO-3.

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

By A. A.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/31/2019 3:17 PM

Date

May 31, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:17

End Temperature

73

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal from reservoir. Haul trucks, excavators, front loaders, water trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, AMPA, YETH, YEWA, SOSP, HOFI, AMKE, GHOW, RTHA, ANHU, HOOR, CAQU

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 tailboard with crew. Sediment removal occurring today. Conducted WEAP training for one griffith worker and one truck driver. 0700 start of work. NRWS 1 & 2 still active. No activity at BEWR-1. ANHU-15 female incubating. YEWA in vegetation west of scale house, outside of ESA. No nests identified yet. GHOW fledglings observed in oak trees.

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

Long Peter

1

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/03/2019 3:30 PM

Date

Jun 3, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

63

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:30

End Temperature

72

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Excavators, loaders, scraper, haul trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, AMPA, RWSW, MODO, SOSP, BLPH, APRO, ANHU, CATO, SPTO, HOOR, YEWA

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, participated in Griffith tailboard. Sediment removal occurring today. No activity at GHOW-1 nest or adjacent trees. HOFI and NRSW observed at dam and at nests. SOSP and YETH within vegetation of GHOW buffer (edge of buffer), possible nesting activity. NRWS observed briefly entering NRWS-1 as well as NRWS-2. ANGU-15, incubating eggs undisturbed by work activities. No activity or sign at BEWR-1. Taylor identified new BUSH nest just west of scale house, unaffected by work activities.

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, appearing to read "Prof. R. A. M...". The signature is written in a cursive, stylized font with a horizontal line at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/04/2019 3:28 PM

Date

Jun 4, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:30

End Temperature

83

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Haul trucks, excavators, loader, grader.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

MODO, NRWS, KILL, CAQU, AMCR, CATO, SOSP, CYTH, BEWR, cost whiptail, YEWA, RTHA, BEWR, 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 participated in tailboard. Sediment removal activities occurring. CAQU-2 nest identified near CAQU-1. Left buffer up for CAQU-1 and staked out CAQU-2. NRWS-1 & 2; NRWS identified entering and exiting both nests. GHOW fledglings not identified near nest or in oak trees. Observed BUSH-? Nest west of scale house, male entering and exiting nest (feeding female). Unaffected by work activities

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, appearing to read "By B. L. H. S.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/05/2019 3:15 PM

Date

Jun 5, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:38

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:15

End Temperature

94

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Excavators, loader, scraper, haul trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, CLSW, NRWS, ANHU, HOFI, RTHA, CAKI, SOSP, CYTH, HOFI, YEWA

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

0640 Participated in crew tailboard. Crew removing sediment today from cut. Possible veg removal in area just west of staging area. ANHU-15, female still incubating. Removed BEWR-1 buffer, no activity at nest for past week, no nest or sign of nest at site. Observed bird entering NRWS-2 nest as well as NRWS-1. No observation of GHOW

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. R. H. 2" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/06/2019 3:34 PM

Date

Jun 6, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:32

End Temperature

83

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Excavators loader, scraper, haul trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ANHU, NRWS, YEWA, CATO, SOSP, SPTO, CATO, BEWR, HOFI, AMCO, MODO, BUSH, CLSW, SAPH, BLPH, MALL, NUWO

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, participated in crew tailboard. Sediment removal occurring. 0700 start of work. No removal of any veg today. No issues with any nests today.

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

Handwritten signature: H. K. Miller

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/08/2019 3:01 PM

Date

Jun 7, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:08

End Temperature

75

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 57 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 57 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

RLPA, ROPI, COYE, WTSW, CASJ, NRWS, CALT, SOSP, HOFI, BLPH, CORA, YWAR, CAQU, ALHU, ANHU, American bullfrog, 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

0640, attended tailboard. 0650, gave environmental training to new water truck driver. 0705, monitored excavators loading bottom dump trucks with dirt to be hauled off site. 0730, gave environmental training to one new bottom dump truck driver. 0941, updated NRWS-2. 1050, gave environmental training to one new bottom dump truck driver. 1230, updated GHOW-1. 1245, updated ANHU-15. 1258, updated NRWS-1. 1315, gave environmental training to one new bottom dump truck driver.

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. M. H.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/10/2019 3:07 PM

Date

Jun 10, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:36

Start Temperature

66

Start Cloud Cover

50

Start Wind Speed

0-1

End Time

15:16

End Temperature

98

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

Griffith crew, 2 excavators, 1 scraper, 1 loader. Filling haul trucks with sediment.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, BEWR, SOSP, Coye, NRWS, ALHU, CASJ, SPTO, ca ground squirrel, alligator lizard, side blotched lizard, western fence lizard, ROPI, HOFI, SBMU, CORA, RSHA, BLPH, CLSW, WTSW, BHGB, LEGO, YWAR, Bush, ANHU

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

0636 arrived on site did pre work sweep. 0650 attended tailboard, 0700 trained 1 new Griffith worker, 0715 began surveying southeast of Alta Dena drain for potential veg clearing. 0800 trained 2 new truckers. Continued to survey small patches of veg regrowth for potential clearing. After visual survey, began walking through removal areas for full clearance before removal. 1000-1245 monitored while small patches of vegetation were cleared by loader. 1300-1500 surveyed additional veg areas for potential nesting. No nests observed. Checked on ANHU nest by scales, still incubating. Added YWAR nest and Lego nest north of Flint Bridge. Beehive located beneath bridge. Outside of work areas, buffers shouldn't affect work. 1515 biologist left site

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?

No

Log Completed?

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/12/2019 8:34 AM

Date

Jun 11, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

66

Start Cloud Cover

20

Start Wind Speed

0-2

End Time

15:10

End Temperature

101

End Cloud Cover

50

End Wind Speed

3-7

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 57 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 57 bottom dump truck personnel (various companies), 3 personnel (Cal Earth Transport)

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

COYE, CASJ, RSHA, NRWS, ANHU, CALT, SOSP, ALHU, RLPA, HOFI, YWAR, RTHA, WTSW, CA
ground squirrel, 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

0645, attended tailboard. 0705, monitored excavators loading bottom dump trucks with dirt to be hauled off site. 0714, conducted clearance sweep of vegetated area to the south of eastern access road.

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. J. Smith'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/12/2019 3:25 PM

Date

Jun 12, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

72

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:30

End Temperature

100

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Excavators, Fraser, water trucks, haul trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, MODO, NRWS, YEWA, SOSP, CYTH, ANHU, HOFI, MALL

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, participated in tailboard. Sediment removal, Loader operator not in today. No veg removal. ANHU-15 still active, female incubating. NRWS show limited activity. YEWA Observed in Alta Dena drainage at nest.

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 "J. R. H. et al.", written in a cursive, stylized font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/13/2019 3:14 PM

Date

Jun 13, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:28

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:15

End Temperature

90

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Loaders, excavators, haul trucks, grader, water trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, AMPA, ANHU, SOSP, COYE, YEWA, BEWR, 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 group tailboard. Sediment removal, some veg removal at Alta dena drainage bear east access road. Swept area to be cleared, no issues. Installed ESA stakes at new nest COYE-1 nest near where veg was being removed. ANHU-15 still incubating. NRWS-1 & 2 exhibit no activity. YEWA-2 still best building. No veg removal actually occurred today, delayed till possibly tomorrow or Monday.

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 "J. K. Smith", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/15/2019 11:00 AM

Date

Jun 14, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:48

End Temperature

76

End Cloud Cover

25

End Wind Speed

2-5

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, four water trucks, three sweepers, 57 bottom dump trucks. 2. 15 personnel (Griffith Company, Joe), 57 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

NRWS, COYE, SOSP, ALHU, RLPA, HOFI, BLPH, YWAR, SPTO, ROPI

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

0650, attended tailboard. 0705, conducted clearance sweep in vegetated area west of eastern access road. 0725, monitored vegetation clearing west of eastern access road. 0735, trained two new bottom-dump truck drivers. 0834, updated HOFI-3. 1105, conducted clearance sweep of vegetated area east of the western access road.

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 "Tylor" followed by a stylized surname.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/17/2019 3:16 PM

Date

Jun 17, 2019

Monitor Name

Todd Chapman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

05:30

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:25

End Temperature

64

End Cloud Cover

99

End Wind Speed

2-3

Construction Activity and Personnel

Arrived onsite. Inspected scraper #3503 suspected of having a wren nest in the bengine compartment. Inspected area, found sticks inside a cavity. Monitored for additional bird activity. Additional monitoring of removal work, and monitoring nest activity of known nests.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

CALT, ground squirrel, SOSP

Log Entry #1

0700-0915 observed scraper for signs of nesting activity. Observed male conducting multiple visits to area with nesting materials.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

1010 began to observe second bird (female) begin to participate in building activity. contacted county and cdfw for input. advised to look at nest to determine whether eggs present. With the use of a mirror and a flashlight, a derermination was made that the nest was empty. based upon guidance provided by Steve Gibson CDFW, the equipment was moved offsite by the contractor.

Log Entry #2 - Were Photos taken?

No

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/18/2019 3:13 PM

Date

Jun 18, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:15

End Temperature

90

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal, minor veg removal. Excavators, grader, loader, haul trucks, water trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, SOSP, CLSW, YEWA, EUST, HOFI, COYE, BLPH, NRWS, ANHU, RTHA, AMPA, KILL

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 participated in crew tailboard. Trained one new worker with Griffith. Sediment removal occurring today. Will remove some veg if time permits today (area east of CLSW nest near east access road). No issues with CLSW nest inhabitants. Pre and post veg removal yielded no issues. Minor veg removal near Alta dena drainage(near west access road. Pre and post veg removal sweeps yielded no bio issues

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 "J. Smith", written in a cursive style.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/19/2019 3:13 PM

Date

Jun 19, 2019

Monitor Name

Todd Chapman

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Max Murray

Start Time

05:50

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:20

End Temperature

84

End Cloud Cover

0

End Wind Speed

2-3

Construction Activity and Personnel

Monitored vegetation removal west of Alta Dena drain.

What type of monitoring is being conducted?

Construction Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Which Species were observed?

N/A

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Other Wildlife Species Observed

western toad, western fence lizard, western whiptail

Log Entry #1

Monitored front loader removing veg west of alta dena drain.

Log Entry #1 - Photos taken?

Yes

Log Entry #2

Cleared and monitored vegetation removal on western side of site near dam face.

Log Entry #2 - Were Photos taken?

Yes

Log Entry #3

Cleared area near station 15. Monitored vegetation removal on area.

Log Entry #3 - Were Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/20/2019 3:11 PM

Date

Jun 20, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

69

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal. Excavators loader, grader, haul trucks, water trucks.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

AMCO, AMPA, NRWS, BEWR, SOSP, COYE, BLPH, EUST, RTHA, 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

0630 participated in tailboard. Sediment removal occurring today. Possibly some minor vegetation removal in front of dam, If time permits. Two new truck driver WEAP trained. Veg removal in front off dam on bluff. Pre and post vegetation removal sweep yielded no issues.

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 "J. Kelly". The signature is written in a cursive, stylized font with a horizontal line at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/21/2019 8:37 AM

Date

Jun 21, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

08:34

End Temperature

55

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

Griffith

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

Parrot sp, CALT, Coye, CASJ, SPTO, clsw

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

0640 arrived on site Work shut down for day due to rain Dog found tied to excavator, called humane society to remove it. Discussed work plan for following week with Dave and Joe. 0840 left project 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

A handwritten signature in black ink, consisting of several loops and a trailing line.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/24/2019 4:13 PM

Date

Jun 24, 2019

Monitor Name

Caroline Nalezny

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:15

End Temperature

78

End Cloud Cover

15

End Wind Speed

3-5

Construction Activity and Personnel

Sediment removal. Griffith crew of 8. LA County Dept. Of Public Works crew of 4. Excavators (2), grader (1), front loader (1), haul trucks (20+), water trucks (3).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, NOMO, SPTO, BLPH, SOSP, cottontail, HOFI, COYE, CLSW, NRWS, AMCR, CA ground squirrel, ANHU, YEWA, PSFL, CASJ, LEGO.

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 Attended tailboard. 0700 WEAP trained 1 new Griffith worker. 0710 Nest checks of work area. COYE-1 active. 0902 WEAP trained 1 new LA County worker. 0915 Survey of nests outside the main work area but within vicinity. 1030 Monitored sediment removal activities. 1230 Clearance sweep in front of dam between COYE-1 and NRWS-1 in prep for possible vegetation removal. 1500 No veg removal today, possibly 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

Carline Guea

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/25/2019 4:31 PM

Date

Jun 25, 2019

Monitor Name

Caroline Nalezny

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:33

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

15:15

End Temperature

72

End Cloud Cover

60

End Wind Speed

3-5

Construction Activity and Personnel

Sediment removal. Griffith crew of 9. Excavators (2), front loader (1), grader (1), water trucks (3), haul trucks (74).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, HOFI, LOSH, Parot sp., COYE, CLSW, SOSP, AMCR, BEWR, NRWS, CALT, SPTO, YEWA, LAGO, SBMU, LEGO, ANHU, western toad, 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 Attended tailboard meeting. 0700 Monitoring of vegetation in front of dam for possible removal later today. 0800 WEAP trained one new truck driver. 1100 Clearance sweep and flagging of vegetation approved for removal. 1130 Monitored vegetation removal. Pre and post vegetation removal inspections yielded no issues. 1215 Griffith requested survey of next area (slope near wash by dam) for vegetation removal. 0230 Area surveyed and flagged for double check by tomorrow's monitor. Possible vegetation clearing of a portion of slope for 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

Carolina Garcia

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/26/2019 3:36 PM

Date

Jun 26, 2019

Monitor Name

CJ Randel

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

15:00

End Temperature

77

End Cloud Cover

5

End Wind Speed

0-3

Construction Activity and Personnel

GC had two excavators, two water trucks, one blade, one front-end loader, and three work trucks. Personnel included a supervisor, foreman, six operators, and three laborers. LADPW had a two people in the scale house, one monitor, and a supervisor. Equipment associated with this set of personnel included two LADPW trucks and two personal vehicles. Approximately 76 semi trucks and operators were present on site today to haul dirt. One new driver received WEAP training in the morning upon arrival.

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

Common Raven, yellow-headed Amazon, mitred parakeet, mallard, song sparrow, house Finch, California towhee, side-blotched lizard, western fence lizard, rock dove, black Phoebe, cliff swallow, northern rough-winged swallow,

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

Monitoring activities included providing WEAP training to a new driver (0700-0715), survey of the south slope of the wash north of the dam (0730-0915), monitoring vehmgetation grubbing

along slope (0915-0930), nest location checks along western boundary below 1500' line (0940-1030), monitoring of wash sloping by excavator (1040-1115), general site monitoring (1115-1300), reconnaissance survey of nw vegetation below 1500' line (1300-1400), general site monitoring (1400-1500).

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: DevilsGateGuest

Submitted Time: 06/28/2019 6:31 AM

Date

Jun 27, 2019

Monitor Name

CJ Randel

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:38

End Temperature

81

End Cloud Cover

0

End Wind Speed

7-13

Construction Activity and Personnel

GC: Equipment: 2 excavator, 1 blade, 1 front-end loader, 3 water trucks, 3 pickups. Personnel: 2 foreman, 3 teamsters, 4 operators, 3 laborers.

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

rock dove, mitred parakeet, mallard, yellow-headed Amazon, song sparrow, California towhee, spotted towhee, Allan's hummingbird, Anna's hummingbird, California scrub Jay, American crow, Eurasian collared dove, mourning dove, band-tailed pigeon, northern rough-winged swallow, black Phoebe, lesser goldfinch, red-tailed hawk, bewick's wren, Side-blotched lizard, western fence lizard, raccoon, 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

0615-0630 Discuss plan of day with GC 0630-0700 Site survey 0715-0800 At weight shack for WEAP (3 trained). 0800-0900 Survey of NW corner (1500' line) for potential nest birds/sensitive resources 0900-1000 Avian survey/obs in South wash 1000-1100 Avian survey of west wash. Specific focus on ANHU/NRWS nest locations. ANHU still active, NRWS appears inactive

(uncertain if cavity is covered) 1100-1500 General site monitoring 1500-1525 WEAP training of DPW inspector

Log Entry - Photos taken?

No

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 'CJH' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/28/2019 3:05 PM

Date

Jun 28, 2019

Monitor Name

CJ Randel

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:25

Start Temperature

58

Start Cloud Cover

15

Start Wind Speed

2-7

End Time

15:04

End Temperature

81

End Cloud Cover

0

End Wind Speed

5-10

Construction Activity and Personnel

GC: 3 excavators, 1 front-end loader, 1 blade, 3 water trucks, 3 p/u, 2 dumps. Personnel: 2 foreman, 5 operators, 5 teamsters, 4 laborers.

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

American crow, house finch, yellow warbler, Allan's hummingbird, Anna's hummingbird, spotted towhee, California towhee, American Robin, white-throated swift, cliff swallow, northern rough-winged swallow, California quail, red-crowned parrot, yellow-headed Amazon, mitred parakeet, California scrub Jay, lesser goldfinch, black Phoebe, Eurasian collared dove, mourning dove, band-tailed pigeon, common yellow-throat, Downey woodpecker, song sparrow, black-headed grosbeak, bewick's wren, Wilson's warbler, peafowl, scaly-breasted munia, coyote, western fence lizard, whiptail, 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

0625-0630 office for materials .0630-0800 clearance survey for veg removal nw corner of 1500' line. 0800-0815 WEAP training for GC. 0815-0915 monitoring of veg clearance. 0915-1000 survey of s. Wash area. 1000-1015 WEAP training for new truck driver. 1020-1035 WEAP

training for GC photographer. 1035-1100 general site monitoring. 1100-1200 nest search in s wash area (none found). 1200-1500 general site 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?

No

Log Completed?

No

Signature

A handwritten signature in black ink, consisting of a large, stylized 'C' followed by a series of diagonal strokes and a final horizontal stroke.

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/01/2019 3:14 PM

Date

Apr 1, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

06:55

Start Temperature

61

Start Cloud Cover

30

Start Wind Speed

0-1

End Time

15:15

End Temperature

81

End Cloud Cover

45

End Wind Speed

1-3

Construction Activity and Personnel

Monitored restoration activities: Nature's Image crew of 4 installing erosion control netting over slope west of upper eastern access road in DG3A . Christine T. monitoring Griffith crew and construction activities

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Which species were observed?**Were any least Bell's Vireo detected?**

No

Include details of any least Bell's Vireo detected?

Other Wildlife Species Observed

HOWR, NUWO, CATH, ACWO, CALT, SOSP, WCSP, CASJ, KILL, SPTO, RSHA, RTHA, NRWS, LEGO, CORA, BUSH, CAGO, BHGR, BLPH, CAKI, western fence lizard, ROPI, MODO, HOFI, ANHU, MODO, BUSH, southern alligator lizard, California ground squirrel,

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

Did work activities occur outside predesignated work areas?

No

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

Log Entry

0715, discussed plan of the day with NI foreman Ron: installing erosion control netting up top near east access road. No chainsaw planned for the day. 1015 identified KILL-1 and recorded in Collector. Established a buffer and installed stakes. Notified Project Managing Biologist, construction biological monitor, and Brittany (LACDFC). 1515 Crew done for the day. No impacts to any sensitive biological resources observed.

Log Entry - Photos taken?

No

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, appearing to be 'M. Lee' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/02/2019 2:51 PM

Date

Apr 2, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:19

Start Temperature

52

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:50

End Temperature

69

End Cloud Cover

40

End Wind Speed

1-3

Construction Activity and Personnel

Restoration activities, crew of 4. Crew installing jute netting along DG3A slope

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

AMCO BLPH CASJ MODO KILL SAPH CATO AMPA HOFI ANHU Mallard, Ground Squirrel, RTHA

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 crew, crew installing jute netting near DG3A. Swept area to be worked, and examined MODO-2 and KILL-1 nests for activity. MODO nest exhibiting no activity, no MODO observed yet. No activity near KILL nest, however will examine closer as crew moves northward. 0733, KILL observed at nest incubating. 0930, Three MODO observed in trees about 150 ft south of MODO nest. None observed at nest tree. 1450, crew finished for the day, MODO-2 nest inactive. KILL-1 has female incubating eggs still. Bio left site at 1500

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

None

Log Entry Photo D

None

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. R. H. L.' with a horizontal line at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/03/2019 2:31 PM

Date

Apr 3, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:05

Start Temperature

51

Start Cloud Cover

50

Start Wind Speed

1-3

End Time

14:30

End Temperature

64

End Cloud Cover

95

End Wind Speed

1-3

Construction Activity and Personnel

1. Hand tools 2. Four personnel (Nature's Image, 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

BEWR, CASJ, CORA, SOSP, SPTO, ACWO, EUST, MALL, WCSP, RSHA, CATH, ANHU, WEBL, ANHU, CALT, BHGR, KILL, CALT, BLPH, RLPA, WTSW, NUWO, YRWA, RTHA, ROPI, BUSH, MODO, WEKI, 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

0705, met restoration crew on site 0719, conducted a clearance sweep for BEWR nesting activity on the grubbing machine stationed on the west side. 0800, monitored crew installing jute netting in DG-3A

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

None

Log Entry Photo D

None

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 "L. S. Rosh" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/05/2019 7:09 AM

Date

Apr 4, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

50

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

71

End Cloud Cover

60

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install jute netting and a chainsaw to remove eucalyptus stumps in DG-3A. Crew consisted of three laborers and one foreman (Ron Crawford). Crew also applied seed at DG-2A.

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, NUWO, CASJ, BUSH, MALL, ANHU, BLPH, CALT, SPTO, GBHE, NRWS, KILL, HOFI, LEGO, CORA, YRWA, SOSP, BARS, CATH, MODO, NOMO, RTHA, TUVU, California ground squirrel, COYE

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, checked on active nests in area. 0715, crew began installing jute netting and removing eucalyptus stumps. Killdeer and song sparrows nesting area did not appear to be disturbed by restoration activities. 1500, crew done, conducted final sweep.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

None

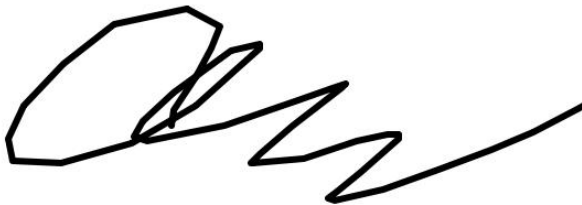
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

No

Signature

A handwritten signature in black ink, consisting of a large, stylized 'O' followed by a series of connected, wavy lines that trail off to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/09/2019 7:38 AM

Date

Apr 5, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt

Start Time

07:00

Start Temperature

52

Start Cloud Cover

0

Start Wind Speed

2-4

End Time

15:00

End Temperature

65

End Cloud Cover

90

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install jute netting and a chainsaw to cut eucalyptus stumps in DG-3A. Crew consisted of one foreman and three laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

SOSP, YRWA, KILL, LEGO, BUSH, SPTO, CALT, ANHU, RTHA, COHA, GBHE, COYE, CATH, CORA, NRWS, CASJ, BEWR, WEBL, western fence lizard, southern alligator lizard, California ground squirrel, BLPH, SAPH, MALL,

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0700, conducted pre-work sweep, checked killdeer and song sparrow nest. 0715, crew began work in DG-3A. Both pairs of birds appeared undisturbed during restoration activities. 1500, crew done for the day, conducted final sweep.

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

2

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 04/08/2019 5:40 PM

Date

Apr 8, 2019

Monitor Name

Adam DeLuna

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

06:45

Start Temperature

60

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

15:00

End Temperature

83

End Cloud Cover

50

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image had four personnel on site in the restoration areas. Three personnel were removing weeds in DG-2 using hand tools (shovels and rakes) only and one additional crew member was cutting stumps using a chainsaw along the slope in DG-3A (outside of the KILL-1).

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, CASJ, SOSP, ANHU, BUSH, BEWR, SPTO, SPERBEEC, KILL, SCEOCC, UTASTA, RTHA, NRWS, WTSW, ALHU, WCSP, MALL, EUST, YRWA, SYVLAUDU, NOMO

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, pre-disturbance survey prior to Nature's image working in area 0710, restoration monitoring, observed killdeer nest

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

ALYD

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/10/2019 11:08 AM

Date

Apr 9, 2019

Monitor Name

Rheanna Neidinger

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

End Time

14:15

End Temperature

78

End Cloud Cover

80

End Wind Speed

5-15

Construction Activity and Personnel

1. No equipment - hand-removal of non-native vegetation. 2. 3 Nature's Image construction personnel and Ron the 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

SOSP, KILL, BEWR, BLPH, WCSP, HOFI, BUOR, CASJ, COYE, SPTO, CALT, NOMO, CATH, CORA.
ANHU, YRWA, ALHU, CAGO, MALL, NUWO, BUSH, NRWS, WTSW, ATFL.

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

0705, Vegetation Monitoring. 1415, Post-Activity. Note: Survey123 crashes when attempting to upload photographs from Gallery; Will attempt alternative method.

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?

No

Signature

A handwritten signature in black ink, appearing to be "R. L. M." followed by a stylized flourish.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 04/10/2019 2:56 PM

Date

Apr 10, 2019

Monitor Name

Gregory Stratton

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

3-5

End Time

14:45

End Temperature

75

End Cloud Cover

0

End Wind Speed

6-10

Construction Activity and Personnel

Ron Crawford, Nature's Image foreman. Crew of 4 workers hand pulling weeds in restoration area.

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, calt, sosp, modo, cora, spto, bewr, hofi, alhu, rtha, lego, rsha, webl, kill, cath, clsw, sce occ

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

0700-1445 restoration monitoring

Log Entry - Photos taken?

No

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, appearing to read "Greg H. [unclear]". The signature is stylized with large, sweeping strokes.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 04/11/2019 4:34 PM

Date

Apr 11, 2019

Monitor Name

Brian Leatherman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:00

End Temperature

75

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image landscape crew with four persons. Installing jute netting by hand on slope near killdeer nest.

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

SOSP, CASJ, NRWS, SPTO, CALT, ANHU, BEWR, WTSW, RTHA, BUSH, COYE, western fence lizard, desert cottontail, CORA, BLPH

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

Photo A Crew installing netting at about 0800. Killdeer adults at or on nest all day. Photo B Completed slope at end of day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/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 "Dana L. Smith", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 04/12/2019 2:37 PM

Date

Apr 12, 2019

Monitor Name

Gregory Stratton

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

50

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:32

End Temperature

74

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Ron Crawford, Nature's image foreman. Crew of 4 workers using hand tools to remove weeds in the restoration area.

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

Spto, cath, Cora, yrwa, bewr, sosp, calt, casj, coye, caqu, beki, kill, alhu, wcsp, bush, anhu, rsha, bhgr, sce occ

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

0700-1430 monitored crew of 4 hand pulling weeds in restoration area.

Log Entry - Photos taken?

No

Log Entry Photo A

N/A

Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 "Heather", with a stylized, sweeping flourish extending from the end of the name.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/15/2019 5:45 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 15, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

37

Start Cloud Cover

17

Start Wind Speed

0

End Time

15:15

End Temperature

65

End Cloud Cover

11

End Wind Speed

0

Construction Activity and Personnel

1 weed eater used. 4 people from Nature's Image led by Mannie.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Red-tail hawk, jay, many little brown birds

Topics to Cover on the Next Monitoring Day

Two bee swarms encountered today. Watch for more swarms in vegetation...especially in trees.

Log Entry #1

1045 - two bee swarms encountered in one tree. Due to monitor's sensitivity to bee stings no photos were taken.

Log Entry #1 - Photos taken?

No

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/16/2019 4:13 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 16, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:15

End Temperature

64

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

Natures Image. Weed eater. Four crew personnel, supervisor = Ron

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

common raven, parrots

Topics to Cover on the Next Monitoring Day

Bee swarm, vehicles driving off roads, vehicles speeding.

Log Entry #1

10:30 - 2 men from Brightview Landscaping drove an off-road utility vehicle over restoration area and drove away. Bio monitor called Brightview and complained Brightview said they would look it. 2:45 - 2 Brightview came to work site (Brightview was working at nearby JPL), apologized profusely, looked at the damage, and promised it wouldn't happen.

Log Entry #1 - Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/17/2019 3:53 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 17, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:45

End Temperature

82

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

Natures Image crew.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

coyote, jay, raven, mocking bird, various lbbs (little brown birds)

Topics to Cover on the Next Monitoring Day

as usual be aware of the massive amount of poison ivy in the work area

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/18/2019 3:42 PM

Date

Apr 18, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

55

Start Cloud Cover

5

Start Wind Speed

1-3

End Time

15:30

End Temperature

75

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's image, crew of 4. Ron foreman. Crew hand pulling mustards and string trimming grasses.

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 AMPA EUST CAGO CASJ ANHU AMCO CATO SAPH YRWA HOSP Coastal whiptail MODO
RTHA HOFI UTA Alligator lizard WCSP CAQU 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

0700 met with nature's image crew, went over work plan with Ron. Crew removing non natives from DG-1. Nearby nests include EUST-1. No work buffer, but examined EUST entering and exiting nest. Work did not affect it. Swept area for other bio-resources, none identified. 1430, crew picking up vegetation they pulled today, leaving restoration crew and swapping out with Lauren who was monitoring construction. I operator in loader scrapeing vegetation from basin. No issues. 1530 operator finished vegetation removal, swept area, no bio issues found. Bio left site 1545.

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

1. K. L.

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/19/2019 3:59 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 19, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

46

Start Cloud Cover

21

Start Wind Speed

0

End Time

15:30

End Temperature

84

End Cloud Cover

30

End Wind Speed

5 - 8

Construction Activity and Personnel

1 weed whacker, 4 people.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

black-headed phoebe, jack rabbit, parrots, jay,

Topics to Cover on the Next Monitoring Day

watch for construction speeding on roads

Log Entry #1

0710 - before weeding activities (Photo A) 1100- after weeding completed. (Photo B) 1125 - weeder at work (Photo C)

Log Entry #1 - Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/23/2019 4:39 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 22, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

06:50

Start Temperature

48

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

84

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

Nature's Image. 4 persons, no power equipment

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

Scrub jay, raven, common brown birds

Topics to Cover on the Next Monitoring Day

be aware of passing horses

Log Entry #1

weed removal by hand A. workers weeding B. bag of removed weeds. C. vegetation being weeded.

Log Entry #1 - Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/23/2019 4:15 PM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 23, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

48

Start Cloud Cover

16

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

15

End Wind Speed

0

Construction Activity and Personnel

Nature's Image. weed whacker, 4 people.

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

woodpecker, ducks, American goldfinch, black-headed phoebe

Topics to Cover on the Next Monitoring Day

keeping out of the way of speeding construction vehicles. Don't be surprised when dogs think your black trashbags look like bears and bark at them.

Log Entry #1

A - before and B - after C - worker whacking weeds D - Dux

Log Entry #1 - Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/25/2019 6:42 AM

Project Name

Devil's Gate Reservoir Restoration Project - 2018-047.009

Date

Apr 24, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

46

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

79

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

2 weed whackers, 3 people

What type of monitoring is being conducted?

Restoration Monitoring

Was ESA swept prior to start of work?

Yes

Covered Species Observed?

No

Were Any Non-compliance Issues Observed?

No

Other Wildlife Species Observed

scrub jay, mocking bird, ducks, lbms, woodpecker

Topics to Cover on the Next Monitoring Day

parking cars with hot catylistic converters on dry grass

Log Entry #1

A. before and B. after. C. Before and D. After.

Log Entry #1 - Photos taken?

Yes

Log Completed?

Yes

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/07/2019 10:30 AM

Date

Apr 25, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

52

Start Cloud Cover

0

Start Wind Speed

5

End Time

15:30

End Temperature

60

End Cloud Cover

0

End Wind Speed

5-7/

Construction Activity and Personnel

Natures Image. 4 people, no power equipment.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

California towhee, common yellowthroat, scrub jay, parrot, raven

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

A. Crew clearing worksite. B. Cleared 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

K. A. H. b.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/26/2019 3:33 PM

Date

Apr 26, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

54

Start Cloud Cover

0

Start Wind Speed

5-8

End Time

15:30

End Temperature

89

End Cloud Cover

23

End Wind Speed

5-8

Construction Activity and Personnel

1 weed whacker, 5 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

Spotted Towhee, coyote, mockingbird, raven, parrots, jackrabbit, ground squirrel, mallard, scrub jay

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. Before and B. After C. Small stand of hemlock D. View of area to be worked; looking west.

Log Entry - Photos taken?

No

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, appearing to read "Karl Hughes". The signature is written in a cursive, flowing style with a large initial 'K' and a distinct 'H'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 04/29/2019 6:28 PM

Date

Apr 29, 2019

Monitor Name

Kent Hughes

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

0

End Time

15:30

End Temperature

62

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

No power equipment, 2 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 thrasher, white-crowned sparrow, California towhee, California scrub jay, cottontail, raven, common yellowthroat

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. Before B. After C. Crew working D. Crew loading the day's pickings to be taken offsite for disposal

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

John I. [unclear]

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/07/2019 10:44 AM

Date

Apr 30, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

Start Time

07:00

Start Temperature

50

Start Cloud Cover

17

Start Wind Speed

0

End Time

15:30

End Temperature

63

End Cloud Cover

60

End Wind Speed

0

Construction Activity and Personnel

Natures Image. Weed clearance: 4 people, no power equipment

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

No

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

mourning dove, California towhee, California quail, parrot, gopher snake

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

A. Work area. B. Crew loading day's production for disposal.

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]

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/03/2019 1:03 PM

Date

May 1, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

71

End Cloud Cover

20

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew conducted hand pulling of weeds in DG-2A. Crew consisted of one foreman (Ron Crawford) and three 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

NRWS, KILL, CASJ, HOFI, NOMO, CATH, SPTO, MODO, ANHU, ALHU, CORA, AMCR, RSHA, SOSP, EUST, western fence lizard, southern alligator lizard, California ground squirrel, RTHA, TUVU, desert 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, conducted pre-removal sweep. 0715, crew began hand pulling weeds. Pulled weeds were placed into trash bags and taken offsite. 1500, conducted final sweep.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/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 several loops and a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/02/2019 3:28 PM

Date

May 2, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

52

Start Cloud Cover

35

Start Wind Speed

0-1

End Time

15:30

End Temperature

72

End Cloud Cover

15

End Wind Speed

0-1

Construction Activity and Personnel

Monitored Nature's Image crew of 4 conduct nonnative weed abatement activities in restoration areas on east side of project. Crew removed nonnatives by hand pulling and with hand tools.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

SPTO, WEBL, CATH, CASJ, SOSP, WIWA, MODO, BEWR, COYE, AMCR, ALHU, LEGO, CORA, NOMO, BHGR, ATFL, ANHU, western fence lizard, desert cottontail, KILL, BLPH, RSHA, CAKI, YEWA, TUVU, NRWS, BUSH, PHAN, CAQU, EUST

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 met crew and went over plan for the day with foreman. 0700 crew mobilized and Biologist conducted sweep of work area. 1515 crew loaded pulled nonnative debris for removal offsite. 1525 crew stopped work and prepared to leave site. No impacts to sensitive biological resources were observed.

Log Entry - Photos taken?

No

Log Entry Photo A

N/A

Log Entry Photo B

N/A

Log Entry Photo C

N/A

Log Entry Photo D

N/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 several loops and strokes, positioned below the 'Signature' label.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/03/2019 3:32 PM

Date

May 3, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:00

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

73

End Cloud Cover

10

End Wind Speed

2-4

Construction Activity and Personnel

Nature's Image crew hand pulled nonnative weeds in DG-3A. Crew consisted of one foreman (Ron Crawford) and three laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

SPTO, CASJ, WETA, KILL, SOSP, ANHU, ALHU, CATH, CALT, NRWS, CLSW, MODO, NOMO, HOFI, CORA, AMCR, ACWO, EUST, California ground squirrel, western fence lizard, CAQU

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-removal sweep. 0715, crew began hand pulling nonnative weeds in DG-3A. All removed weeds were placed in trash bags and taken offsite. Common weeds removed included LEPLAT, CONMAC, BROTEC, LEPDID, and BRANIG. 1500, conducted final sweep.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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: 05/07/2019 7:12 AM

Date

May 6, 2019

Monitor Name

Kent Hughes

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

<5

End Time

15:30

End Temperature

64

End Cloud Cover

78

End Wind Speed

<5

Construction Activity and Personnel

N/A

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

common yellowthroat, parrots, California towhee, raven,

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. Slope being weeded. B. Workers weeding. C. Slope after weeding.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/A

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

Yes

Log Completed?

Yes

Signature

Kurt NB

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/08/2019 7:32 AM

Date

May 7, 2019

Monitor Name

Kent Hughes

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

0

End Time

12:15

End Temperature

64

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

No equipment, 3 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

raven, parrots, black phoebe, mocking bird

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

Due to constant light rain crew ceased weed clearance work at 12:00 and left the site. A. Before. B. After.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C

N/A

Log Entry Photo D

N/A

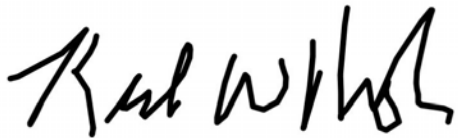
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "Karl W. H. L.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/09/2019 4:16 PM

Date

May 8, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

51

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

63

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

No equipment, 4 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

common yellowthroat, raven, California thrasher, towhee, parrots, mallard, spotted towhee

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. work area for the day. B. Crew at work. C. Mallards in nearby pond.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/A

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

Yes

Log Completed?

Yes

Signature

John M. Ash

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/10/2019 2:11 PM

Date

May 9, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini

Start Time

07:00

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

68

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds in DG-4B and DG-3A. All removed weeds were bagged and placed in onsite dumpsters. Crew consisted of one foreman (Ron Crawford) and three laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

ACWO, CASJ, NOMO, NRWS, ANHU, RTHA, EUST, BEWR, MODO, BUSH, MALL, HOFI, CALT, SPTO, CATH, COYE, AMCR, TUVU, desert cottontail, 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-removal sweep. 0715, crew began removing weeds in DG-4B. The main weeds removed included perennial pepperweed, poison hemlock, and black mustard. 0900, crew received training on hot water vapor machine that uses clean water heated to a steam to shock and kill nonnative weeds. 1200, crew began removing weeds in DG-3A. 1500, crew done for the day, conducted final sweep.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



Log Entry Photo C



Log Entry Photo D

N/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 large, stylized 'O' followed by a series of loops and a final vertical stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/31/2019 11:58 AM

Date

May 10, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:00

Start Temperature

54

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

61

End Cloud Cover

100

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative weeds and seed with native material in DG-2B. Crew consisted of one foreman (Ron Crawford) and three laborers.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Other Wildlife Species Observed

BEWR, CALT, SPTO, CASJ, KILL, ACWO, EUST, LEGO, HOFI, CORA, BUSH, ANHU, CATH, TUVU, MALL, ALHU, SOSPO, desert cottontail, western fence lizard,

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0700, conducted pre-removal sweep in DG-4B. 0715, crew began hand pulling weeds in DG-4B. All removed material placed into trash bags and removed offsite. 1000, conducted pre-removal sweep of DG-2B. 1015, crew began hand pulling weeds and seeding in DG-2B. Seed was raked into the soil and all removed material was placed into trash bags and removed offsite. 1500, crew done for day. Conducted final sweep.

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

24/5

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/14/2019 7:22 AM

Date

May 13, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

62

End Cloud Cover

1000

End Wind Speed

0

Construction Activity and Personnel

4 persons, no power equipment.

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

SPTO, CALT, parrots, CORA,

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. Hillside after weeding. B. Crew at work. C. Crew at work #2.

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

Kent W. Meyer

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/15/2019 7:21 AM

Date

May 14, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

83

End Cloud Cover

37

End Wind Speed

5-79

Construction Activity and Personnel

5 people, no power equipment.

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

parrots, CALT, MODO, cottontail, SPTO,

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 at work. B. Slope after weeding. C. Crew at work #2.

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, appearing to read "Kurt H. H.", is written on the page.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/15/2019 5:20 PM

Date

May 15, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

78

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

5 persons, no power equipment.

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

MODO, RSHA, mockingbird, parrots, cottontail, CALT, geese

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. Area to be cleared of non-native vegetation. B. Crew at work.

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 "K. M. N. H. A. 9".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/17/2019 2:35 PM

Date

May 17, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

52

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

14:30

End Temperature

69

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's image crew (6). Crew will be broadcasting seed and removing non -natives from DG-1. Rakes, seed broadcaster.

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, ANHU, MODO, SOSP, AMPA, RTHA, RWSW, EUST, AMCO, MALL, KILL

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, met with Tom. Trained two new workers. Moved to DG-1 to begin broadcasting seed. Crew coming in behind broadcaster with rakes. Non natives will also be removed from area. CATH-1 and CASJ-5 nests are within work area. Both nests appear to be inactive, work occurring is very mild disturbances, no issues as of yet. BUSH-4 and CASJ-1 also nearby, no activity observed in either nest. Observed potential nest making (MALL-1), male and female pair. Not completely sure it is a nest but marked in collector and flagged a fifty foot buffer around nest. Crew completed work at 2:30. Bio left site

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

By RLII

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 05/20/2019 2:33 PM

Date

May 20, 2019

Monitor Name

Brian Leatherman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

51

Start Cloud Cover

10

Start Wind Speed

0-1

End Time

15:00

End Temperature

68

End Cloud Cover

60

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image. Crew of three. Hand weeding on west side below parking area.

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

BHGR, CATH, BEWR, WREN, CALT, WEWP, CSSJ, SOSP, CAQU, NRWS, RSHA, BUSH, western fence lizard, southern alligator lizard, AMCR, ANHU, Amazonia sp., LEGO, ALHU, MODO

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

0810, restoration monitoring, observed probable WIFL foraging ca. 150 ft west of weeding crew. Did not sing or call. No territorial behavior observed. Followed until 0820 then lost it. Did not see again. 0900, restoration monitoring, crew hand weeding. Photo A. 1430, restoration monitoring, crew nearly done picking up weeded material. Photo B.

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, appearing to read "A. L. H.", with a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/22/2019 7:49 AM

Date

May 21, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

44

Start Cloud Cover

0

Start Wind Speed

0

End Time

03:30

End Temperature

65

End Cloud Cover

1000

End Wind Speed

N/A

Construction Activity and Personnel

Hand weeding. 4 people, no equipment

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, cottontail, CALT, scrub jay

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. Before. B. After

Log Entry - Photos taken?

No

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, appearing to read "Karl W. Hughes". The signature is written in a cursive, flowing style with some capitalization.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/24/2019 10:14 AM

Date

May 22, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

56

Start Cloud Cover

10

Start Wind Speed

0

End Time

15:30

End Temperature

64

End Cloud Cover

100

End Wind Speed

5-7

Construction Activity and Personnel

4 people, no power equipment.

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

Mockingbird, Scrub jay, RSHA, Parrots, CALT

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. Before. B. After.

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, appearing to read "Kurt W. Long". The signature is written in a cursive, flowing style with a large initial "K" and a long, sweeping underline.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/28/2019 4:12 PM

Date

May 28, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

42

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

63

End Cloud Cover

18

End Wind Speed

5-84 persons10

Construction Activity and Personnel

4 persons, no power equipment.

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

parrot, WEBL, CALT, cottontail, bobcat, fox squirrels,

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. Work area before. B. Crew at work. C. Work area after.

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

Kent M. Hays

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 05/29/2019 5:36 PM

Date

May 29, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

46

Start Cloud Cover

5

Start Wind Speed

0

End Time

15:30

End Temperature

82

End Cloud Cover

17

End Wind Speed

5

Construction Activity and Personnel

4 persons, no power equipment.

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?

N/A

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, WETA, CALT, CAQU, parrots

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. Work area. B. More work area. C. Work area after weed removal.

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

Kid in the

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/03/2019 10:24 AM

Date

May 30, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

47

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

77

End Cloud Cover

0

End Wind Speed

04 people, no

Construction Activity and Personnel

4 people, no power equipment.

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

CAQU, CALT, parrots, EUST, cottontail, CORA.

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. Area to be worked on. B. Crew at work.

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, appearing to read "K. M. N. G.", is written on the page.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/04/2019 12:48 PM

Date

May 31, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini

Start Time

06:45

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:00

End Temperature

71

End Cloud Cover

70

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds in DG-4. Crew consisted of three laborers and one foreman (Ron Crawford). Species removed included poison hemlock, perennial pepperweed, black mustard, tree tobacco, and erodium.

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, ANHU, ALHU, BUSH, SPTO, CALT, EUST, BHCO, CORA, HOFI, BEWR, ACWO, desert cottontail, western fence lizard, CAQU, coyote, CATH, BLPH, CAKI

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, conducted pre-removal sweep in DG-4. 0700, crew began removing weeds in DG-4. Removed material was placed on tarps and disposed of in onsite dumpster. 1400, crew done with material removal. Conducted final sweep.

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 several overlapping loops and a long, sweeping horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/04/2019 6:43 AM

Date

Jun 3, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

72

End Cloud Cover

18

End Wind Speed

0

Construction Activity and Personnel

4 persons, no power equipment.

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

CAQU, parrots, CALT, NRWS, RTHA.

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. Clearance area for the day. B. Crew at work.

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, appearing to read "J. W. Ash" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/06/2019 6:34 AM

Date

Jun 4, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:48

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

77

End Cloud Cover

31

End Wind Speed

0

Construction Activity and Personnel

4 persons, no power equipment

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, parrots, AMGO, CALT, HOFI, NRWS, WCSP.

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. Work area. B. More work area. C. Even more area with large tree tobacco.

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

K. M. N. / h. j.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/07/2019 10:30 AM

Date

Jun 5, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Torrey Rotellini

Start Time

07:00

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:00

End Temperature

72

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative weeds in DG-4. Crew consisted of one foreman (Ron Crawford) and three laborers. All removed material was disposed of at onsite dumpster.

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, CAQU, BUSH, LEGO, HOFI, COYE, ALHU, ANHU, CASJ, EUST, CORA, CATH, MIDO, NOMO, RTHA, RSHA

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-removal sweep of DG-4. 0715, crew began removing weeds in DG-4. 1400, crew finished removing weeds for the day. Conducted final sweep.

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: 06/07/2019 8:02 AM

Date

Jun 6, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:57

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

81

End Cloud Cover

27

End Wind Speed

5-7

Construction Activity and Personnel

4 people, no power equipment

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, NRWS, CORA, ATFL, AMGO, 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

A. Work area photo 1. B. Work area photo 2. C. Work area photo 3.

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 read "Kurt W. H. Ch". The signature is written in a cursive, flowing style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/07/2019 8:02 PM

Date

Jun 7, 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

100

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

Weed clearing: 4 people, no power equipment.

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

AMGO, parrot, CALT, mockingbird, cottontail, CORA.

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. Work area. B. Crew at work.0

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 "Kurt H." or similar, with a stylized, cursive script.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/11/2019 7:16 AM

Date

Jun 10, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

66

Start Cloud Cover

63

Start Wind Speed

0

End Time

15:30

End Temperature

97

End Cloud Cover

46

End Wind Speed

5-7

Construction Activity and Personnel

Weed clearance. 4 people, no power equipment.

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, NRWS, CAQU, CORA , AMGO

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. Before. B. Before II C. After

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 read "K. M. H. N. 14/6/22".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/12/2019 7:07 AM

Date

Jun 11, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

63

Start Cloud Cover

60

Start Wind Speed

0-2

End Time

15:30

End Temperature

98

End Cloud Cover

41

End Wind Speed

5-7

Construction Activity and Personnel

Weed clearance. 4 people, no power equipment.

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

COYE, CORA, Raptor spp., CALT, AMGO, 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

A. Work area before. B. Work area before II. C. Work area after w/workcrew.

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 "K. M. H. H.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/13/2019 7:09 AM

Date

June 12, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

66

Start Cloud Cover

2

Start Wind Speed

0

End Time

03:30

End Temperature

92

End Cloud Cover

5

End Wind Speed

5

Construction Activity and Personnel

Weed clearance. 4 people, weedeater.

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, AMGO, CORA, MODO, 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

A. Clearance area Photo I. B. Clearance area Photo II. C. After photo.

Log Entry - Photos taken?

No

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 read "Kurtis A. B.", is written over a light gray rectangular background.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/15/2019 6:42 AM

Date

Jun 13, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

19

End Wind Speed

5

Construction Activity and Personnel

Weed clearance: 4 people, 2 weed eaters.

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

NRWS, WREN, CAQU, BLPH, AMGO, Cottontail, Gopher snake, CALT

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. Work area before. B. Work area after.

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 "Kurt W. Ayers". The signature is written in a cursive, flowing style with some capitalization.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/20/2019 6:34 AM

Date

Jun 14, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

76

End Cloud Cover

25

End Wind Speed

2-5

Construction Activity and Personnel

Weed clearance: Nature's Image; 4 people, 2 weed eaters

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

parrots, CAQU, COYE, WREN, CALT, SPTO

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. Work area before clearance activities. B. More of work area before. C. Work area post clearance. Due to flying debris from weedeater activities near road/walking trail crew blocked a portion of the trail with cones and flagging all of which was removed at cessation of clearance activities.

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

Kurt Wilkins

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/18/2019 6:43 AM

Date

Jun 17, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

78

End Cloud Cover

38

End Wind Speed

0

Construction Activity and Personnel

Weed clearance: 4 people, 2 weed eaters.

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?

Other Wildlife Species Observed

NRWS, parrots, CASJ, CALT, CORA, HOOR, 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

A. Work area before. B. Work after.

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 "K. Smith" or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/20/2019 6:17 AM

Date

Jun 18, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

59

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

71

End Cloud Cover

100

End Wind Speed

0

Construction Activity and Personnel

Weed clearance: 4 people, 2 weed eaters

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

CAQU, NRWS, COYE, CORA, parrots spp. , raptor spp

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. Work area for the day. B. Work area after clearance completion.

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 "K. A. N. M. P." or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/30/2019 3:52 AM

Date

Jun 19, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

10:00

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

78

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

Weed clearance; 4 persons, 1 weed eater

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

N/A

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. Before. B. After.

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

Kaufhaus

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/03/2019 9:25 PM

Date

Jun 20, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

52

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

64

End Cloud Cover

100

End Wind Speed

5

Construction Activity and Personnel

Weed clearance: 4 people, no power equipment

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

raven, California towhee, parrots, American goldfinch,

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 Before B. After.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B



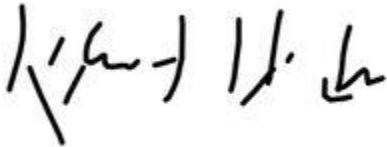
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, appearing to read "J. Smith" or similar, with a stylized flourish at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 06/21/2019 1:59 PM

Date

Jun 21, 2019

Monitor Name

Torrey Rotellini

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:00

End Temperature

66

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Participated in tailboard. Crew removing non natives. 5 laborors, hand tools, two string trimmer.

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, AMCO, CASJ, BEWR, HOFI, CATO, CATH, CAQU, RTHA

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

0646, crew tailboard. Nonnative removal, hand tools a two strong trimmers. At DG4.

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]

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/24/2019 7:22 PM

Date

Jun 24, 2019

Monitor Name

Brian Leatherman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

10:00

Start Temperature

68

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:30

End Temperature

78

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Monitored Nature's Image restoration crew while they weeded restoration polygons adjacent to Hahamonga Watershed Park. Crew consisted of four workers including the supervisor 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

HOFI, LEGO, CALT, BEWR, CORA, SOSP, COYE, RWBU, RTHA, NUWO, NRWSACWO, western fence lizard, side-blotched lizard, western whip tail

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

1015 - weed whipping in restoration polygon. 1230 - crew picking up weeded vegetation.

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 stylized 'M' followed by a series of loops and a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/25/2019 3:43 PM

Date

Jun 25, 2019

Monitor Name

Brian Leatherman

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

14:45

End Temperature

73

End Cloud Cover

100

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew of four persons clearing weeds by hand and with weed whips, supervised by 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

LEGO, HOFI, SPTO, COHA, CALT, SOSP, YEWA, desert cottontail, side blotched lizard, ACWO.

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

1345 - crew picking up weeded biomass from work area.

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 'M. L. H. A.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/26/2019 3:11 PM

Date

Jun 26, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:20

Start Temperature

58

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

13:44

End Temperature

73

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

1. Weedwackers (2), hand tools (rake, shovel) 2. 4 personnel from Nature's Image. Foreman: 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

RTHA, CLSW, CALT, CASJ, Western fence lizard, HOFI, AMGO, BEWR, COHA, RSHA

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 mobilize to restoration area 0715 nonnative weed removal begin 1345 nonnative weed removal end 1400 clean-up end, demobilization

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?

No

Signature

A handwritten signature in black ink, appearing to be 'NEN' or similar, with a large loop in the middle.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 06/28/2019 7:53 AM

Date

Jun 27, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

55

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

14:00

End Temperature

76

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1. Two line trimmers 2. 4 personnel with Nature's Image Foreman: 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

Cooper's hawk, House finch, House wren, Bewicks wren, American goldfinch, Western scrubjay, Common raven

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 nonnative vegetation removal

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?

No

Log Completed?

No

Signature

NOM

Devil's Gate Reservoir Restoration Project Third Quarter Compliance Report Activities Occurring Between July 2019 and September 2019

Submitted to:

Mr. Steve Gibson
Dept. of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Prepared for:

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803

Prepared by:

ECORP Consulting, Inc.
215 North 5th Street
Redlands, CA 92374

CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	COVERED ACTIVITIES	1
2.1	Breeding Season Surveys	1
2.2	Biological Monitoring	2
2.3	Project Activities	4
2.4	Habitat Restoration Activities	4
3.0	SATISFACTION OF ITP CONDITIONS	5
4.0	MITIGATION MONITORING AND REPORTING PROGRAM	5

LIST OF TABLES

Table 1. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.	2
Table 2. Monitors Onsite During Work Days.	2
Table 3. Devil's Gate Mitigation Monitoring and Reporting Program	6

LIST OF APPENDICES

Appendix A: Least Bell's Vireo Breeding Season Survey Reports – July through August 2019	
Appendix B: Construction Monitoring Logs	
Appendix C: Habitat Restoration Monitoring Logs	

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 third quarter of 2019 (July through September). 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 fourth report (Quarterly Compliance Report Number 4) submitted in accordance with ITP Condition number 6.7. This report covers activities that were conducted at the Project site between July 1 and September 30, 2019.

2.0 COVERED ACTIVITIES

2.1 Breeding Season Surveys

Per Condition 7.3.4 of the ITP, "the Designated Biologist(s) shall continue weekly focused surveys within 500 feet of Covered Activities in Covered Species habitat during the breeding season to determine the presence of Covered Species."

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

Twice-weekly focused surveys continued during the third quarter 2019 reporting period through the end of the least Bell's vireo breeding season per the Section 7 Consultation (August 31). A total of 18 focused breeding season least Bell's vireo surveys were conducted by Designated Biologists approved by CDFW and USFWS during the third quarter of 2019. Table 1 shows the twice-weekly focused least Bell's vireo survey dates and the Designated Biologists that surveyed on each date.

Table 1. Focused Breeding Season Least Bell's Vireo Survey Dates and Personnel.

Date	Designated Biologist
7/01/19	Christine Tischer
7/05/19	Jill Coumoutso
7/09/19	Christine Tischer
7/12/19	Christine Tischer
7/18/19	Lauren Simpson
7/19/19	Jill Coumoutso
7/22/19	Christine Tischer
7/26/19	Jill Coumoutso
7/29/19	Christine Tischer
8/02/19	Jill Coumoutso
8/05/19	Christine Tischer
8/09/19	Jill Coumoutso
8/13/19	Christine Tischer
8/15/19	Christine Tischer
8/19/19	Christine Tischer
8/22/19	Christine Tischer
8/26/19	Jill Coumoutso
8/30/19	Jill Coumoutso

No least Bell's vireo were observed or detected during the focused breeding season surveys during the third quarter of 2019 or at any point during 2019 breeding season surveys. The least Bell's vireo breeding season survey reports for July and August are included in Appendix A.

2.2 Biological Monitoring

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

Per Condition 2.10a of the Streambed Alteration Agreement "...the Permittee shall have the Designated Biologist on site daily when protected species may be present to ensure that no impacts occur to protected species that are not authorized."

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."

Daily monitoring by a Designated Biologist occurred when ground-disturbing activities were taking place at the Project site during the nesting bird season. Upon completion of nesting bird season (September 15), biological monitoring transitioned to twice-weekly site checks by Designated Biologists approved by the USFWS for least Bell's vireo monitoring. Twice-weekly site checks continued through the end of the third quarter of 2019. Table 2 shows Project working dates and the biological monitors that were present on each date.

Table 2. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
7/01/19	Brian Zitt	Kent Hughes
7/02/19	Brian Zitt	Kent Hughes
7/03/19	Brian Zitt	Carley Lancaster

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

Table 2. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
7/04/19	No Work- Holiday	No Work- Holiday
7/05/19	Max Murray	Kent Hughes
7/08/19	Max Murray	Kent Hughes
7/09/19	Brian Zitt	Kent Hughes
7/10/19	Brian Zitt	Kent Hughes
7/11/19	Brian Zitt	Kent Hughes
7/12/19	Max Murray	Carley Lancaster
7/15/19	Max Murray	Kent Hughes
7/16/19	Max Murray	Kent Hughes
7/17/19	Lauren Simpson*	Kent Hughes
7/18/19	Max Murray	Kent Hughes
7/19/19	Max Murray	Kent Hughes
7/22/19	Max Murray	Kent Hughes
7/23/19	Max Murray	Kent Hughes
7/24/19	Max Murray	Carley Lancaster
7/25/19	Max Murray	Kent Hughes
7/26/19	Max Murray	Kent Hughes
7/29/19	Brian Zitt	Kent Hughes
7/30/19	Taylor Dee*	Adam Schroeder
7/31/19	Adam Schroeder	Brian Zitt
8/01/19	Adam Schroeder	Kent Hughes
8/02/19	Adam Schroeder	Carley Lancaster
8/05/19	Adam Schroeder	Brian Zitt
8/06/19	Adam Schroeder	Taylor Dee*
8/07/19	Adam Schroeder	Taylor Dee*
8/08/19	Lauren Simpson*	Carley Lancaster
8/09/19	Lauren Simpson*	Carley Lancaster
8/12/19	Taylor Dee*	Max Murray
8/13/19	Taylor Dee*	Carley Lancaster
8/14/19	Lauren Simpson*	Carley Lancaster
8/15/19	Lauren Simpson*	Max Murray
8/16/19	Max Murray	Taylor Dee*
8/19/19	Taylor Dee*	Kent Hughes
8/20/19	Lauren Simpson*	Kent Hughes
8/21/19	Lauren Simpson*	Kent Hughes
8/22/19	Taylor Dee*	Carley Lancaster
8/23/19	Max Murray	Carley Lancaster
8/26/19	Max Murray	Kent Hughes
8/27/19	Max Murray	Kent Hughes
8/28/19	Max Murray	Kent Hughes
8/29/19	Max Murray	Kent Hughes
8/30/19	No Work – Holiday Weekend	Kent Hughes
9/02/19	No Work – Holiday Weekend	No Work- Holiday
9/03/19	Adam Schroeder	Carley Lancaster
9/04/19	Taylor Dee*	Adam Schroeder
9/05/19	Taylor Dee*	Kent Hughes
9/06/19	Taylor Dee*	Max Murray
9/09/19	Max Murray	Carley Lancaster
9/10/19	Max Murray	Kent Hughes
9/11/19	Taylor Dee*, Max Murray	Kent Hughes
9/12/19	Max Murray	Kent Hughes
9/13/19 ^B	Lauren Simpson*, Max Murray	Kent Hughes
9/16/19		Carley Lancaster

Table 2. Monitors Onsite During Work Days.

Date	Construction Monitors	Restoration Monitors
9/17/19	Lauren Simpson*	Taylor Dee
9/18/19		Kent Hughes
9/19/19		Max Murray
9/20/19	Taylor Dee*	Carley Lancaster
9/23/19		Carley Lancaster
9/24/19	Lauren Simpson*	Carley Lancaster
9/25/19		Max Murray
9/26/19	Shannan Shaffer*	Kent Hughes
9/27/19		Lauren Simpson*
9/30/19	Lauren Simpson*	Carley Lancaster

* = LBVI approved biologist

β = Last day of full-time monitoring during the nesting bird season. Hereafter monitoring switched to twice-weekly site checks by least Bell's vireo Designated Biologists.

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

2.3 Project Activities

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

- Project activities (including sediment removal hauling activities) continued from July 1, 2019 through September 30, 2019.
- Sediment removal hauling was temporarily suspended from September 6 to September 30, 2019 in order to facilitate the implementation of additional dust control measures.
- 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 rollers and skip loaders in preparation for hauling activities and expansion of hauling routes within the site boundaries. All areas were surveyed for nesting bird activity prior to removal and all vegetation removal was within the Project boundaries and monitored by the Designated Biologist on site.
- An additional tire wash was installed at the terminus of the west access road where the route exits onto Oak Grove Drive.

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

2.4 Habitat Restoration Activities

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

- Restoration activities continued from July 1, 2019 through September 30, 2019.
- Low-growing non-native plants (primarily perennial pepperweed [*Lepidium latifolium*], black mustard [*Brassica nigra*], pigweed amaranth [*Amaranthus albus*], lamb's quarters [*Chenopodium album*], wild radish [*Raphanus sativus*], poison hemlock [*Conium maculatum*], ripgut brome [*Bromus diandrus*], cheatgrass [*Bromus tectorum*], lesser swine cress [*Lepidium didymum*], red

stemmed filaree [*Erodium cicutarium*], tree tobacco [*Nicotiana glauca*], common barley [*Hordeum vulgare*], and wild oat [*Avena fatua*] were removed from the DG-2, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5 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-2, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5 in preparation for the installation of container plants.
- Container plants were installed in DG-2, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5 in accordance with the final Habitat Restoration Plan for the Project. Holes for container plants were dug using a gas-powered auger. Container plants installed included the following species: deerweed (*Acmispon glaber*), California sagebrush (*Artemesia 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*), California melic (*Melica imperfecta*), Coast prickly pear (*Opuntia littoralis*), Freemont's cottonwood (*Populus fremontii*), coast live oak (*Quercus agrifolia*), California wildrose (*Rosa californica*), California gooseberry (*Ribes californicum*), 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*)
- Large eucalyptus trees were felled in DG-4 and DG-4A under the direct supervision of the Designated Bat Biologist using the two-step method outlined in MM BIO-5 of the EIR. Upon completion of the two-step method, the trees were chipped and removed from the site.

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 October 1, 2019 to December 31, 2019.

4.0 MITIGATION MONITORING AND REPORTING PROGRAM

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

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program								
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project								
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance			
					Initial	Date	Remarks	
BIOLOGICAL RESOURCES								
MM BIO – 1: A qualified biological monitor shall be present during initial ground- or vegetation-disturbing project-related activities to provide measures and monitor for wildlife in harm's way. This includes initial ground- or vegetation-disturbing project-related activities at the annual start of each year of sediment removal or maintenance activities. Following initial project-related activities, a qualified monitoring biologist shall be present as necessary to maintain the implemented protection measures and monitor for additional species in harm's way. These protection measures shall include, as appropriate: redirecting wildlife, identifying areas that may require exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Any captured species shall be relocated to adjacent appropriate habitat that is contiguous to adjacent habitat and not impacted by project-related disturbance activities.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/28/18 - ongoing	A qualified biologist continued to be present during all initial vegetation-disturbing project-related activities during the 2019 third 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 third quarter reporting period.	
MM BIO – 3: Within 90 days prior to ground-disturbing activities, a preconstruction survey shall be conducted by a qualified biologist for the presence of any sensitive species in harm's way, including coast range newt, southwestern pond turtle, and two-striped garter snake. If sensitive species are observed in harm's way, the qualified biologist will develop and implement appropriate protection measures for that species. These protection measures shall include, as appropriate: redirecting the species, constructing exclusionary devices (e.g., fencing), or capturing and relocating wildlife outside the work area. Preconstruction surveys shall be repeated annually for the duration of the sediment removal. Observations of special status species made during these surveys shall be recorded onto a California Natural Diversity Database (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19	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 third 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 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
							submitted to LACDPW in June 2019. Monitoring of active bird nests continued through the end of the nesting bird season during the third 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>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2019 third quarter reporting period. During September 2019, large eucalyptus trees with potential foliage-roosting habitat were felled under the direct supervision of the Designated Bat Biologist using the two-step method outlined in MM BIO-5.
<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: 	Reservoir Management <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	Reservoir Management <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 third quarter reporting period.

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<ul style="list-style-type: none"> Site-specific container plant (if applicable) and seed palettes, Irrigation plan, Nonnative and invasive plant species removal, Maintenance and monitoring schedule, Qualitative and quantitative monitoring methodologies, Selection criteria of reference sites, Performance standards of the mitigation sites, Monitoring reports and annual reports schedule, Mitigation long-term management plan, and Funding description for implementation and long-term management. Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved. Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none"> Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites, Add soil amendments if problem soils may be inhibiting plant growth, Replant if plant survival is low or to increase plant species cover or diversity, Install different plant species for plant species that are not surviving, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. 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 third 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

Table 3. Devil's Gate Mitigation Monitoring and Reporting Program							
MITIGATION MONITORING AND REPORTING PROGRAM Devil's Gate Reservoir Sediment Removal and Management Project							
Mitigation Measure	Implementation Phase*	Monitoring Phase*	Enforcement Agency	Level of Significance After Mitigation	Verification of Compliance		
					Initial	Date	Remarks
<p>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 					third 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 – Least Bell’s Vireo Breeding Season Survey Reports – July through August 2019

Appendix B – Construction Monitoring Logs

Appendix C – Habitat Restoration Monitoring Logs

APPENDIX A

Least Bell's Vireo Breeding Season Survey Reports – July through August 2019

September 9, 2019

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: July 2019 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to summarize the results of the twice-weekly breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in July 2019 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The twice-weekly focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project, which states:

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

In addition, the surveys were conducted to comply with Conservation Measure 11b of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to August 31). Surveys were conducted between dawn and 11 am when weather conditions were favorable in accordance with U.S. Fish and Wildlife Service (USFWS) 2001 protocol (nesting season) guidelines.¹ Meandering transects

¹ USFWS. 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Nine focused breeding season surveys for least Bell's vireo were conducted in July 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
7/1/2019	CT	0540	0914	54	77	0	0	0-1	1-3
7/5/2019	JC	0700	1000	60	69	100	65	0-1	1-3
7/9/2019	CT	0540	0945	69	73	100	50	0-1	1-3
7/12/2019	CT	0535	0924	59	81	0	0	1-2	1-3
7/18/2019	LS	0616	1050	62	82	80	0	0-1	0-2
7/19/2019	JC	0705	1000	64	66	100	40	1-3	1-3
7/22/2019	CT	0540	0859	60	75	10	100	0-2	3-5
7/26/2019	JC	0710	1000	70	82	0	0	1-3	1-3
7/29/2019	CT	0600	0935	67	77	2	0	0-1	1-4

*CT=Christine Tischer, JC = Jill Coumoutso, LS=Lauren Simpson

No least Bell's vireo were detected during the July 2019 breeding season surveys.

No brown-headed cowbirds (*Molothrus ater*) individuals were detected outside of brown-headed cowbird traps during the July 2019 breeding season surveys.

DISCUSSION

Nine focused breeding season surveys for least Bell's vireo conducted in July 2019 did not detect least Bell's vireo in or within 500 feet of the Project site. Twice weekly focused breeding season surveys at the Project site will continue until the end of the breeding season (August 31).

² ECORP. 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles County Public Works, Water Resources Division. March 2019.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lauren Simpson', with a long horizontal flourish extending to the right.

Lauren Simpson
Staff Biologist

LIST OF ATTACHMENTS

Attachment A: Survey Datasheets

ATTACHMENT A

Survey Datasheets

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

Submitted by: SoCal_Bio

Submitted time: Jul 1, 2019, 9:22:29 AM

Survey Date

Jul 1, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

05:40

Start Temperature

54

Start Wind Speed

0-1

Start Cloud Cover

0

End Time

09:14

End Temperature

77

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

OATI, BEWR, AMCR, BUSH, AMRO, CALT, SPTO, COYE, NUWO, CASJ, CAQU, cottontail, parrots, ALHU, HOFI, YEWA, PSFL, WTSW, SOSP, ANHU, SBMU, NRWS, MODO, BLPH, HUVI, OCWA, CATH, HOWR, COHA, RTHA, BH GR, Sceloporus occ, PHAI, ACWO, WEBL, WREN, NOMO, CA gr sq, RSHA

Additional Notes

Dom. Dog and horse, coyote (s, t), construction began at 0700, Tom Sawyer Camp 0900

Log Completed?

Yes

Survey Date

Jul 5, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time	07:00
Start Temperature	60
Start Wind Speed	0
Start Cloud Cover	100
End Time	10:00
End Temperature	69
End Wind Speed	1-3

End Cloud Cover

65

Were Least Bell's Vireo Observed

No

Incidental Species Observed

BEWR

COYE

ACWO

BUSH

SPTO

MODO

BHGR

CALT

LEGO

WREN

YWAR

RSHA

ANHU

CAJA

OATI

PSFL

OCWA

HOFI

NUWO

BLPH

CA ground squirrel

Coyote

Western whiptail

Side-blotched lizard

Western Fence lizard

Desert Cottontail

Parrot spp.

Additional Notes

No activity at ANHU nest

Log Completed?

Yes

Survey Date

Jul 9, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

05:40

Start Temperature

69

Start Wind Speed

0-1

Start Cloud Cover

100

End Time

09:45

End Temperature

73

End Wind Speed

1-3

End Cloud Cover

50

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

ACWO, COHA, AMCR, SPTO, CALT, CASJ, NRWS, BEWR, MODO, NUWO, LEGO, COYE, BLPH, CAQU, BUSH, B HGR, DEJU, falcon sp, RSHA, HOWR, YEWA, parrots, HUVI, PSFL, HOFI, ANHU, OATI, SBMU, ALHU, SOSP, CO RA, WREN, RTHA, EUST, AMRO, CAKI, CATH, ROPI, WEBL WEKI NOMO HOOR

Additional Notes

Ca gr sq. Horse, cottontail, dog, coyote, side-blotched lizard

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 12, 2019, 9:32:03 AM

Survey Date

Jul 12, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

05:35

Start Temperature

59

Start Wind Speed

1-2

Start Cloud Cover

0

End Time

09:24

End Temperature

81

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

BHGR, SPTO, AMCR, BEWR, MODO, CALT, WREN, BUSH, COHA, NUWO, ACWO, RSHA, LEGO, BGGN, ANHU, HOWR, CASJ, HUVI, COYE, PSFL, BLPH, HOFI, WTSW, CAQU ROPI, COHU, RTHA, CATH, HOOR, ALHU, WEBL, CORA, BTPI, NOMO, EUST

Additional Notes

cottontail, gopher, bat, woodrat, fence liz, side-blotched liz, coastal whiptail, cabbage white, Ca gr sq, w. tiger s wallowtail

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 18, 2019, 11:10:16 AM

Survey Date

Jul 18, 2019

Observer Name

Lauren Simpson

Survey Conditions

Start Time

06:16

Start Temperature

62

Start Wind Speed

0-1

Start Cloud Cover

80

End Time

10:50

End Temperature

82

End Wind Speed

0-2

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

ACWO, lego, CASJ, oati, MODO, CALT, SOSP, webl, wren, BEWR, Cohan, EUST, hofi, clsw, caki, Cora, ANHU, SPTO, CAQU, ALHU, Coye, BLPH, NUWO, Bush, ywar, BHGB, parrot sp. howr, hoor, psfl, GHOW, CATH, bars, bggn, weki

Additional Notes

Several YWAR detected

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 19, 2019, 1:21:15 PM

Survey Date

Jul 19, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:05

Start Temperature

64

Start Wind Speed

1-3

Start Cloud Cover

100

End Time

10:00

End Temperature

66

End Wind Speed

1-3

End Cloud Cover

40

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Locations

0

Incidental Species Observed

CALT MODO PSFL
BHGR YWAR CATH
SPTO COHA WEKI
COYE BLPH NRWS
WAVI LEGO CA ground squirrel
WREN OATI Western Whiptail
RSHA BUSH Side-blotched lizard
NOMO BEWR Parrot
ACWO OCWA
CAJA BGGN
HOWR ANHU

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 22, 2019, 9:11:09 AM

Survey Date

Jul 22, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

05:40

Start Temperature

60

Start Wind Speed

0-2

Start Cloud Cover

10

End Time

08:59

End Temperature

75

End Wind Speed

3-5

End Cloud Cover

100

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

AMRO, BEWR, CATH, RSHA, HOWR, AMCR, ACWO, BUSH, BLPH, CALT, NUWO, SPTO, YEWA, PSFL. ANHU, DEJU, HUVI, BHGR, CASJ, MODO, HOFI, BTPI, ROPI, WTSW, ALHU, CLSW, LEGO, RTHA, OCWA, OATI, CAQU, COYE,, BGGN, HOOR, SAPH, EUST, NOMO, CAKI, WREN, SBMU, WEBL, CORA

Additional Notes

Common white, Ca gr squirrel, w fence lizard, side-blotched lizard parrots, desert cottontail. BHCO traps gone from site. DEJU, BGGN, HOFI. YEWA seen with fledglings. 1 active WEBL cavity next to new homeless encampment in siltation basin NE of reservoir.

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 31, 2019, 11:36:34 AM

Survey Date

Jul 26, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:10

Start Temperature

70

Start Wind Speed

1-3

Start Cloud Cover

0

End Time

10:00

End Temperature

82

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Incidental Species Observed

BUSH CALT HOFI BEWR CATH

HOOR SPTO YWAR WREN NUWO

OATI CORA PSFL DEJU BHGR CAJA

HUVI WAVI ANHU BGGN COYOTE

W. Fence lizard, CA ground squirrel, parrot spp. Side-blotched lizard

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Jul 29, 2019, 9:44:39 AM

Survey Date

Jul 29, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:00

Start Temperature

67

Start Wind Speed

0-1

Start Cloud Cover

2

End Time

09:35

End Temperature

77

End Wind Speed

1-4

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

OATI, BLPH, AMCR, BEWR, ACWO, MODO, RSHA, BUSH, COHA, CASJ, CALT, NUWO, LEGO, SPTO, OCWA, HU VI, YEWA, PSFL, CORA, DEJU, ANHU, HOFI, CLSW, CATH, ROPI, SBMU, COYE, EUST, AMRO, CAQU, NOMO, W EBL, AMKE, HOOR, WREN, BGGN RUHU, NRWS, BHGR, MALL (flyover), parrot

Additional Notes

**Cottontail, Ca gr squirrel, side-blatched lizard, coastal whiptail, w fence lizard, w. Tiger swallowtail
0700 constr; 0900 TS Camp**

Homeless tents, clothes, and occupants are gone, but trash, portable grill, and wood "teepees" remain.

Log Completed?

Yes

September 16, 2019

Ms. Veronica Mardis
Los Angeles County Public Works
Stormwater Engineering Division
Via Email: Vmardis@dpw.lacounty.gov

Subject: August 2019 Summary of Least Bell's Vireo Breeding Season Surveys for the Devil's Gate Reservoir Restoration Project, in the City of Pasadena, California

Dear Ms. Mardis,

This letter report has been prepared to summarize the results of the twice-weekly breeding season focused surveys for least Bell's vireo (*Vireo bellii pusillus*) conducted in August 2019 by ECORP Consulting, Inc. (ECORP) for Los Angeles County Public Works' Devil's Gate Reservoir Restoration Project (Project) in the City of Pasadena, Los Angeles County, California. The twice-weekly focused breeding season surveys for least Bell's vireo were conducted to comply with Condition 7.3.4 in the California Department of Fish and Wildlife (CDFW) Incidental Take Permit (ITP) No. 2081-2016-031-05 that was issued for the Devil's Gate Reservoir Restoration Project, which states:

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

In addition, the surveys were conducted to comply with Conservation Measure 11b of the Informal Section 7 Consultation (Section 7) No. FWS-LA-14B0081-15I0477 for the Project, which states:

"Twice weekly surveys for the vireo will be conducted by the biological monitor in areas of suitable habitat within 500 feet of proposed construction activities to determine the presence of vireo nest building activities, egg incubation activities, or brood rearing activities."

SURVEY METHODS

Focused breeding season surveys for least Bell's vireo were conducted in compliance with ITP Condition 7.3.4 and Section 7 Conservation Measure CM 11b for Project activities that are to occur during the vireo's breeding season (March 1 to August 31). Surveys were conducted between dawn and 11 am when weather conditions were favorable in accordance with U.S. Fish and Wildlife Service (USFWS) 2001 protocol (nesting season) guidelines.¹ Meandering transects

¹ USFWS. 2001. Least Bell's Vireo Survey Guidelines. U.S. Department of the Interior. Carlsbad, CA, USFWS, 3 pp.

were walked throughout suitable least Bell's vireo habitat areas within 500 feet of the Project boundaries to visually and audibly detect the presence of least Bell's vireo. All bird and wildlife species detected during the survey were recorded on standardized data sheets. All surveys were conducted in compliance with the Nesting Bird Management Plan prepared for the Project.²

RESULTS

Nine focused breeding season surveys for least Bell's vireo were conducted in August 2019. Each survey was conducted by a CDFW- and USFWS-approved Designated Biologist for least Bell's vireo surveys. The dates, personnel, and weather conditions for each survey are presented in Table 1. Field survey datasheets are provided in Attachment A.

Table 1. Weather Conditions During Surveys									
Date	Surveyors*	Time		Temperature (°F)		Cloud Cover (%)		Wind Speed (mph)	
		start	end	start	end	start	end	start	end
8/2/2019	JC	0710	1000	62	77	0	10	1-3	1-3
8/5/2019	CT	0615	0922	63	82	0	0	1-2	1-5
8/9/2019	JC	0710	1000	58	75	0	0	1-3	1-3
8/13/2019	CT	0650	0950	61	75	0	0	0-1	1-3
8/15/2019	CT	0620	1025	57	86	0	0	0-1	1-2
8/19/2019	CT	0650	0935	67	72	100	0	0-1	1-2
8/22/2019	CT	0620	0935	65	73	0	0	0-1	1-2
8/26/2019	JC	0715	1000	68	80	40	30	1-3	1-3
8/30/2019	JC	0715	1015	68	80	0	0	1-3	3-5

*CT=Christine Tischer, JC = Jill Coumoutso

No least Bell's vireo were detected during the August 2019 breeding season surveys.

No brown-headed cowbirds (*Molothrus ater*) individuals were detected during the August 2019 breeding season surveys.

DISCUSSION

Nine focused breeding season surveys for least Bell's vireo conducted in August 2019 did not detect least Bell's vireo in or within 500 feet of the Project site. This concludes the focused breeding season survey effort for the 2019 breeding season. Twice-weekly breeding season surveys will resume at the start of the 2020 breeding season (March 1, 2020). No least Bell's vireo were detected in or within 500 feet of the Project site during 2019 breeding season surveys.

On September 2, 2019 a community resident reported an observation of a single individual least Bell's vireo foraging within habitat within 500 feet of the Project site. The Designated Biologists monitoring at the Project site on the following two days (September 3 and September 4) surveyed

² ECORP. 2019. Nesting Bird Management Plan, Devil's Gate Reservoir Restoration Project, Los Angeles County, California. Prepared for the Los Angeles County Public Works, Water Resources Division. March 2019.

the observation area extensively but the vireo was not located. It is likely that this observation was of a migratory individual passing through the habitat.

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

Sincerely,

A handwritten signature in blue ink, appearing to read 'Lauren Simpson', with a long horizontal flourish extending to the right.

Lauren Simpson
Staff Biologist

LIST OF ATTACHMENTS

Attachment A: Survey Datasheet

ATTACHMENT A

Survey Datasheets

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

Submitted by: SoCal_Bio

Submitted time: Aug 5, 2019, 10:15:47 AM

Survey Date

Aug 2, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:10

Start Temperature

62

Start Wind Speed

1-3

Start Cloud Cover

0

End Time

10:00

End Temperature

77

End Wind Speed

1-3

End Cloud Cover

10

Were Least Bell's Vireo Observed

No

Incidental Species Observed

CALT CAJA OATI HOFI COHA BEWR ANHU LEGO WEKI BHGR SPTO

WREN BUSH RSHA HOWR NUWO

PSFL HUVI MODO CATH YWAR

BLPH BGGN CAQU parrot spp.

desert Cottontail

Western Whiptail

Side-blotched lizard

Western fence lizard

California ground squirrel

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 5, 2019, 9:28:37 AM

Survey Date

Aug 5, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:15

Start Temperature

63

Start Wind Speed

1-2

Start Cloud Cover

0

End Time

09:22

End Temperature

82

End Wind Speed

1-5

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

LEGO, WREN, ANHU, BLPH, BEWR, CALT, OATI, BUSH, NOFL, ROPI, MODO, HOFI, CASJ, BHGR, COYE, SPRO, YEWA, COHU, parrots, HUVI, CLSW, SBMU, SOSP, BTPI, NUWO, HOFI, CATH, HOOR, EUST, CAQU, BGGN, BCH U, BASW, CLSW, NOMO, PHAI, ATFL, ACWO

Additional Notes

Uta, Sceloporus, Sylvilagus, Spermophilus

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 9, 2019, 6:56:37 PM

Survey Date

Aug 9, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:10

Start Temperature

58

Start Wind Speed

1-3

Start Cloud Cover

0

End Time

10:00

End Temperature

75

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Incidental Species Observed

**BEWR ANHU CATH MODO SPTO
HOWR ACWO DEJU CALT BHGR
OATI NUWO COYE YWAR PSFL
WREN HOFI LEGO BLPH CAQU
AMRO PARROT SPP. Desert
Cottontail side-blotched lizard**

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 13, 2019, 10:00:10 AM

Survey Date

Aug 13, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:50

Start Temperature

61

Start Wind Speed

0-1

Start Cloud Cover

0

End Time

09:50

End Temperature

75

End Wind Speed

1-3

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

BRBL, AMCR, HUVI, HOOR, CALT. OATI, MODO, CASJ, ACWO, BLPH, ANHU, AMRO, EUST, BEWR, CORA, WREN, BUSH, HOFI, SOSP, OCWA, ALHU, YEWA, SPTO, CAQU, CATH, ROPI, NOMO, LEGO, NUWO, CAKI, ATFL, BGN, parrots

Additional Notes

0700 construction crew began, 0740 Steady runoff flow from Oak Grove Road, 0900 TSC onsite. cottontail, raccoon (t), coyote (o), CA gr sq, fence liz, side-blotched liz, coastal whiptail, cabbage white also incidental observations.

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 15, 2019, 10:35:37 AM

Survey Date

Aug 15, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:20

Start Temperature

57

Start Wind Speed

0-1

Start Cloud Cover

0

End Time

10:25

End Temperature

86

End Wind Speed

1-2

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Locations

Incidental Species Observed

**AMRO, BLPH, CALT, WREN, BUSH, BEWR, ANHU, MODO, BRBL, NUWO, LEGO, HOWR, CATH, WEBL, HOSP, A
MCR, CASJ, YEWA, SPTO, HOOR, ALHU, PSLF, RSHA, HOFI, OCWA, SOSP, CAQU, OATI, CORA, BGGN, ACWO,
ATFL, BTPI, parrots**

Additional Notes

Coyote, Uta, coastal whiptail (same areas as noted in Collector), Ca gr squirrel, cottontail

Log Completed?

Yes

Survey Date

Aug 19, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:50

Start Temperature

67

Start Wind Speed

0-1

Start Cloud Cover

100

End Time

09:35

End Temperature

72

End Wind Speed

1-2

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

MODO, AMCR, WEBL, OATI, BLPH, ANHU, HOFI, ACWO, LEGO, BUSH, CATH, CAQU, WREN, CASJ, BEWR, SP TO, HOWR, CALT, BGGN, EUST, NOMO, DOWO, ROPI, AMRO, RSHA, YEWA, SOSP, HOOR, CORA, parrots, mule deer, cottontail, fence liz, side-blotched liz, CAground squirrel

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 22, 2019, 9:45:13 AM

Survey Date

Aug 22, 2019

Observer Name

Christine Tischer

Survey Conditions

Start Time

06:20

Start Temperature

65

Start Wind Speed

0-1

Start Cloud Cover

0

End Time

09:35

End Temperature

73

End Wind Speed

1-2

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Brown-Headed CowBird Observations

Number of Individuals

0

Incidental Species Observed

**ANHU, MODO, BLPH, CALT, SPTO, CATH, OATI, HOWR, BUSH, COHA, BGGN, NUWO, parrots, BEWR, YEWA, H
OOR, BHGR, AMCR, CASJ, DEJU, HOFI, RSHA, SOSP, ALHU, HUVI, RUHU, CAQU, AMKE, WEBL, LEGO, RTHA,
ACWO, coyote, cottontail, fence liz, side-blotched liz, com white**

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Aug 26, 2019, 5:09:29 PM

Survey Date

Aug 26, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:15

Start Temperature

68

Start Wind Speed

1-3

Start Cloud Cover

40

End Time

10:00

End Temperature

80

End Wind Speed

1-3

End Cloud Cover

30

Were Least Bell's Vireo Observed

No

Incidental Species Observed

**ACWO CALT CAJA WREN AMCR
EUST BLPH YWAR OCWA BGGN
ANHU BEWR OATI HOFI MODO
NUWO SPTO SOSP W.fence lizard,
Desert Cottontail, parrot spp.**

Log Completed?

Yes

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

Submitted by: SoCal_Bio

Submitted time: Sep 3, 2019, 2:16:20 PM

Survey Date

Aug 30, 2019

Observer Name

Jill Coumoutso

Survey Conditions

Start Time

07:15

Start Temperature

68

Start Wind Speed

1-3

Start Cloud Cover

0

End Time

10:15

End Temperature

80

End Wind Speed

3-5

End Cloud Cover

0

Were Least Bell's Vireo Observed

No

Incidental Species Observed

CALT WREN CAJA TOWA MODO

NUMA (nutmeg manikin) CAQU

HOFI BEWR DEJU WIWA EUST

YWAR NUWO SPTO BTGW

Parrot spp

CA Ground squirrel

Desert Cottontail

Side-blotched lizard

Log Completed?

Yes

APPENDIX B

Construction Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/01/2019 3:11 PM

Date

Jul 1, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:20

Start Temperature

60

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:11

End Temperature

91

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

N/A

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

Coastal whiptail, side-blotched lizard, western toad, black phoebe, green parrot, CA ground squirrel, coyote, field mouse, cottontail rabbit, house finch, cliff swallow, rock pigeon, mourning dove, Ca towhee

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

Attended tailboard, monitored soil excavation/removal activities. Cleared and monitored vegetation removal along southern drainage nearest dam.

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 two distinct, stylized characters or initials.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/02/2019 1:19 PM

Date

Jul 2, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

6:25

Start Temperature

62

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:19

End Temperature

84

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

Griffith Construction. Equipment included One front loader, three excavators, several water trucks and multiple 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

Ca ground squirrel, black phoebe, scrub jay, house finch, coastal whiptail, side-blotched lizard, western toad, mourning dove, Ca towhee

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, attended tailboard and monitored soil excavation and vegetation clearing.

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 initials 'BZ' followed by a stylized flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/03/2019 3:12 PM

Date

Jul 3, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:18

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:00

End Temperature

84

End Cloud Cover

10

End Wind Speed

3-5

Construction Activity and Personnel

Griffith Construction, 3 excavators, 1 front loader, 5 water trucks, and several 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

BLPH, ANHU, MODO, HOFI, GRPA, GREG, CLSW, western toads, coastal whiptail, western fence lizard, 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

Monitor soil excavation, vegetation clearing

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, overlapping loops and a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/08/2019 6:57 AM

Date

Jul 5, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

56

Start Cloud Cover

100

Start Wind Speed

0-3

End Time

08:00

End Temperature

60

End Cloud Cover

100

End Wind Speed

0-3

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

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

No construction monitoring occurred

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 a series of loops and strokes, appearing to be a stylized representation of a name.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/08/2019 6:57 AM

Date

Jul 8, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

58

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

15:30

End Temperature

70

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1. Two 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

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

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 - monitored excavation activities 0700 - nest update 0745 - WEEP training at the weigh house 0800 - monitored excavation activities 1530 - end excavation activities

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: 07/09/2019 3:00 PM

Date

Jul 9, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:25

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:01

End Temperature

85

End Cloud Cover

45

End Wind Speed

2-5

Construction Activity and Personnel

Griffith Construction operated two excavators, one front loader, one blade, water trucks during sediment removal ops. Several haul trucks (appr 70) were used to haul sediment out from the site.

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

NRWS, CLSW, GRPA, HOFI, CATO, MODO, LEGO, ANHU, ROPI, Ca ground squirrel, western toad, coastal whiptail, 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

Monitored sediment removal operations, no biological issues observed.

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, overlapping loops and a vertical line at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/11/2019 4:58 PM

Date

Jul 10, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:25

Start Temperature

58

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

15:10

End Temperature

90

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Griffith Construction, equipment includes 2 excavators, 1 blade, 1 front loader, 3 water trucks and several 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, MODO, ANHU, CLSW, CATO, NRWS, LEGO, RTHA, GRPA, coastal whiptail, western fence lizard, cottontail, 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

Monitor sediment removal activities

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, overlapping letters that appear to be 'BZ' followed by a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/11/2019 5:58 PM

Date

Jul 11, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

58

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:05

End Temperature

97

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Griffith Construction: 2 excavators, 1 blade, 1 front loader, 3 water trucks, and several 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

GRPA, BLPH, MODO, RTHA, NRWS, AMCR, American bullfrog, western fence lizard, ROPI, SPAC, rattlesnake, CATO, HOFI, 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

Monitored soil excavation activities, provided WEAP training

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 stylized 'S' followed by a 'Z' and a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/13/2019 3:45 PM

Date

Jul 12, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0-3

End Time

15:30

End Temperature

95

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

2 excavators 1 front loader

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

WTSW, RTHA, CORA, CLSW, HOFI, NUWO, BLPH

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 monitored excavation activities 1200 monitored cliff swallow nest (CLSW-1) 1500 excavation activities ended

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

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/15/2019 2:44 PM

Date

Jul 15, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:15

End Temperature

91

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1. Two excavators, 1 loader, 4 water trucks 2. 7 excavation crew, including water truck drivers and operators.

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, CLSW, HOFI, ANHU, BLPH, NUWO, BUSH, side blotch lizard, western fence lizard, 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

0630 arrive on site 0700 WEEP training 0715 Monitor excavation activities 0800 update HOFI-3 nest and CLSW-2 nest 1240 Large white water tank overflow 1255 water tank overflow stopped 1515 excavation activities end

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 stylized, overlapping loops and lines.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/18/2019 5:40 AM

Date

Jul 16, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

66

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:15

End Temperature

92

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

1. Two excavators, 1 loader, three water trucks 2. Joe and John from Griffith. Esock and Mark from the County

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

ANHU, CORA, COHA, HOFI, CLSW, AMGO, BEWR, BLPH, CALT, CASJ, ROPI, MODO, side blotch lizard, western fence lizard, 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

0615 arrive onsite 0630 coordinate with excavation crew and weigh station personnel 0700 begin monitoring excavation activities 0745 WEEP training for 1 truck driver 0800 begin monitoring NRWS-1 and vegetation within buffer 0910 end buffer clearance 0930 coordinate with Joe from Griffith for vegetation removal 1030 loader finished vegetation clearing on top of ledge near NRWS-1 1125 observed CLSW-3 nest activity 1345 begin monitoring HOFI-2 1445 cleared buffer for HOFI-2 1310 excavation activities ended

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

Non

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/17/2019 3:22 PM

Date

Jul 17, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:40

Start Temperature

68

Start Cloud Cover

80

Start Wind Speed

1-3

End Time

15:19

End Temperature

83

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Griffith Co. 3 water trucks, 2 excavators, 1 front loader, 1 scraper, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

SPTO, CORA, CLSW, CASJ, ROPI, Parrot sp., BLPH, WTSW, HOFI, CALT, SOSP, MALL, ALHU, YWAR, ANHU, MODO, LEGO, BUSH, CA ground squirrel, western fence lizard, NUWO, WREN, TUVU, RSHA

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

0640 arrived on site, attended tailboard meeting to discuss work plan for the day. 0700 work began for day, loading haul trucks 0740 provided training to 2 trucks 0800 provided training to 1 trucker 1215 provided training to 1 trucker 1230 began surveying small area of vegetation regrowth for removal. 1330 vegetated area cleared of bio resources 1400 vegetation cleared from area, no bio issues observed 1530 biologist left site for day

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 several loops and a final upward stroke.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/18/2019 2:35 PM

Date

Jul 18, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

64

Start Cloud Cover

95

Start Wind Speed

1-3

End Time

15:03

End Temperature

88

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

1. Two excavators, three water trucks, one loader, one grader. 2. Joe and Johnny from Griffith

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, CLSW, HOFI, ANHU, COYE, CALT, CASJ, BUSH, BEWR, MODO, WREN, BLPH, ROPI, coastal whiptail, side blotch lizard, 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 tail board with construction crew 0900 update ANHU-15, remove buffer stakes 1300 - 1400 observe two coastal whiptails 1500 - end excavation activities

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 loops and a long vertical stroke on the left.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/19/2019 2:02 PM

Date

Jul 19, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:00

End Temperature

88

End Cloud Cover

10

End Wind Speed

3-5

Construction Activity and Personnel

1. Two excavators, two loaders, four water trucks, one grader 2. Joe from Griffith

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, CLSW, HOFI, AMGO, ROPI, CALT, BUSH, ANHU, NOFL, NUWO, California ground squirrel, side blotch 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

0615 - WEEP Training for Griffith employee 0630 - coordinate with Joe from Griffith 0700 - WEEP Training for county employees: Justin and Reza 0730 - monitor excavation activities 1500 - excavation activities end

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 stylized, overlapping loops and vertical strokes, resembling the letters 'N' and 'M' intertwined.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/23/2019 6:02 AM

Date

Jul 22, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

68

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

15:30

End Temperature

90

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

1. 2 excavators, 1 loader, 1 grader, 4 water trucks 2. Joe from Griffith, Mark from the county

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

HOPI, CORA, CLSW, NUWP, California ground squirrel, side blotch 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 tail gate with Griffith 0645 monitor excavation activities 0700 WEEP training 0930 WEEP training 1200 notified Mark from the county that there was a bee swarm near the staging area and water tanks. 1500 excavation activities end

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 loops and straight lines, appearing to be a stylized name.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/24/2019 6:24 AM

Date

Jul 23, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

70

Start Cloud Cover

95

Start Wind Speed

1-3

End Time

15:15

End Temperature

93

End Cloud Cover

50

End Wind Speed

1-3

Construction Activity and Personnel

1. 2 excavators, 1 loader, 1 grader, 4 water trucks 2. Joe from Griffith

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, HOFI, CLSW, CORA, CALT, ANHU, CAQU, 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

0615 monitor flow from Altadena Drain 0630 tail board with Griffith 0730 WEEP training 1000 flow from the Altadena Drain has slowed. No longer flowing through the culvert 0315 end excavation activities

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

NOM

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/25/2019 6:57 AM

Date

Jul 24, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

75

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:02

End Temperature

101

End Cloud Cover

20

End Wind Speed

1-3

Construction Activity and Personnel

1. 2 excavators, 1 loader, 1 grader, 4 water trucks 2. Joe and Johnny from Griffith

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

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, MODO, NUWP, AMGO, BLPH, ACWP, LEGO, SBMU, CALT, CASJ, CAQU, western fence lizard, 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

0615 check flow in Altadena Drain - no flow observed 0700 begin excavation monitoring 1500 end excavation activities

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 stylized, overlapping loops and lines.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/25/2019 3:02 PM

Date

Jul 25, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

75

Start Cloud Cover

95

Start Wind Speed

0-1

End Time

15:30

End Temperature

95

End Cloud Cover

75

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one loader, one grader, four water trucks 2. Johnny and Joe from Griffith

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, ROPI, MODO, HOFI, BUSH, CORA, TUVU, San Diegan tiger whiptail, 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

0615 pre-excavation observations 0700 excavation activities begin 0800 WEEP training 1445 observed a large adult *Aspidoscelis tigris stejnegeri* near the scale house 1500 excavation activities end

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 stylized, overlapping loops and lines, resembling the letters 'NOM' or a similar monogram.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 07/26/2019 3:07 PM

Date

Jul 26, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

66

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:00

End Temperature

95

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one loader, one grader, four water trucks 2. Joe and Johnny from Griffith

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, AMGO, CALT, CORA, ANHU, TUVU, RTHA, NUWP, CLSW, western fence lizard, side blotch lizard, western toad, California ground squirrel, *Aspidoscelis tigris stejnegeri* (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

0615 begin clearance survey of proposed vegetation clearing area for today near the scale house 0625 coordinate with Johnny from Griffith 0730 monitor vegetation removal 1000 vegetation clearing end 1300 observed *Aspidoscelis tigris stejnegeri* foraging in oak leaf litter 1500 end excavation activities

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, appearing to be "NOM" with a stylized flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/29/2019 2:54 PM

Date

Jul 29, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:10

Start Temperature

63

Start Cloud Cover

90

Start Wind Speed

1-3

End Time

15:00

End Temperature

88

End Cloud Cover

10

End Wind Speed

3-5

Construction Activity and Personnel

Griffith Construction is excavating sediment and maintaining roads and work areas using two excavators, a front loader, blade, and several water 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

Coastal whiptail, northern rough-winged swallow, green parrot, California towhee, cottontail rabbit, American crow, rock pigeon, black phoebe, acorn woodpecker, 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

0700 crew began work, monitored ground disturbance activities and provided WEAP training to three drivers.

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, overlapping loops and a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/31/2019 11:27 AM

Date

Jul 30, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

64

Start Cloud Cover

95

Start Wind Speed

1-2

End Time

15:15

End Temperature

90

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal: 1 loader, 2 excavators, 1 blade, and 2 water trucks. Loader and excavators loading haul trucks throughout the day. Five other crew members directing haul truck traffic and using a broom and hose to prep trucks for demobilization off site. Blade and loader conducted regular maintenance of access roads within sediment removal area. Excavators dug testing holes and loader filled in after testing was completed.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, YEWA, SPTO, CORA, CLSW, ROPI, CALT, SOSP, Caligornia ground squirrel, parrot sp., HOFI, ALHU, western side-blotch lizard, western fence lizard, coastal whiptail, common racoon (tracks), MODO, BEWR, RTHA, AMCR

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

0615 monitor on site. 0637 met Griffith and Rest of crew at staging area. No WEAP training was anticipated as no new crew was scheduled for the day. No vegetation clearing was planned for the day. 0700 Crew mobilized and began construction activities shortly after. 0702 Haul trucks began arriving on site. 0750 Conducted WEAP training for new truck driver. Biologist

monitored sediment removal and associated activities: inspected testing holes for wildlife before loader backfilled them, walked site throughout the day to look for wildlife and other biological concerns. No impacts to sensitive biological resources were observed. 1500 Crew prepared to leave site. 1515 Biologist left site.

Log Entry - Photos taken?

Yes

Log Entry Photo A



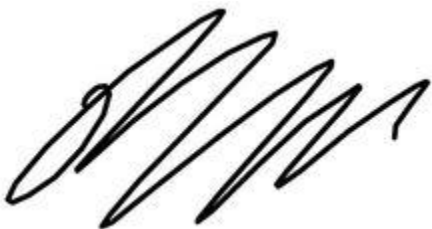
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature



Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/01/2019 6:41 AM

Date

Jul 31, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

64

Start Cloud Cover

30

Start Wind Speed

0-2

End Time

14:40

End Temperature

85

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

YWAR, ROPI, RLPA, HOFI, NRWS, SOSP, CAQU, CALT, CASJ, MODO, CA ground squirrel, western toad

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

0705, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site. 0730, trained one new bottom-dump truck driver. 0905, identified two new nests (CLSW-5 and CLSW-6). 1215, gave training to 3 new LACDPW engineers. 1351, Updated CALT-1. 1355, Updated BLPH-1.

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 "B. J. Brown".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/01/2019 5:17 PM

Date

Aug 1, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

62

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

14:55

End Temperature

92

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 3 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, YWAR, RLPA, ALHU, BLPH, CALT, SOSP, SBMU, CORA, ACWO, WTSW, MODO, Western fence lizard, CA ground squirrel, Coastal whiptail, 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

0705, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site. 0805, gave environmental training to one new LACDPW engineer. 0832, Updated MODO-1. 0850, Updated NRWS-3. 0856, Updated HOFI-3. 1120, gave environmental training to one new Griffith operator. 1157, Updated CATH-4. 1310, Updated CASJ-7. 1329, Updated CASJ-2. 1335, Updated BUSH-1.

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

[Handwritten signature]

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/02/2019 5:12 PM

Date

Aug 2, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

14:45

End Temperature

94

End Cloud Cover

5

End Wind Speed

2-5

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 3 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, YWAR, CATH, WEBL, BGGN, SOSP, COYE, CASJ, BLPH, HOFI, MODO, CLSW, NRWS, ACWO, Gopher, desert cottontail, common side-blotched lizard, 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

0704, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site. 0840, Updated CASJ-3. 0849, Updated CATH-2.

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 'B. C. Brown'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/06/2019 6:36 AM

Date

Aug 5, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

15:00

End Temperature

95

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, four water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, CAQU, MODO, RLPA, CASJ, CORA, BLPH, YRWA, YWAR, WTSW, NRWS, CLSW, ROPI, 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

0707, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site.

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: 08/06/2019 4:29 PM

Date

Aug 6, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

67

Start Cloud Cover

50

Start Wind Speed

0-2

End Time

14:50

End Temperature

92

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport).

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, RLPA, ROPI, ANHU, CASJ, WTSW, HOFI, CORA, ACWO, CALT, BUSH, NOMO, 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

0704- monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site. 0840- Updated CLSW-1. 0842- Updated CLSW-2. 0844- Updated CLSW-3.

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. The signature appears to be "B. M. H." or similar, with a large, sweeping initial "B" and a long, horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/07/2019 6:51 PM

Date

Aug 7, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

63

Start Cloud Cover

50

Start Wind Speed

0-2

End Time

14:50

End Temperature

87

End Cloud Cover

35

End Wind Speed

1-3

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, three water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 2 personnel (Cal Earth Transport).

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

RLPA, CALT, RSHA, CASJ, RTHA, TUVU, YRWA, ROPI, CA 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

0650, attended tailboard. 0704, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off 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 "J. R. Smith", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/08/2019 2:58 PM

Date

Aug 8, 2019

Monitor Name

Lauren Simpson

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

14:56

End Temperature

80

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith co. 2 excavators, one front loader, one scraper, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, AMCR, BEWR, Parrot sp, CALT, LABU, HOFI, BUSH, SOSP, CLSW, ALHU, ROPI, RTHA, YWAR, LEGO, ANHU, WREN, SPTO, NUWO, CAQU, CATH, MODO, BTPI

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 0700 trucks began entering for sediment removal 0715-0815 swept perimeter for nests, no nests found 1500 crew finished for day, 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

A handwritten signature in black ink, consisting of a series of connected loops and straight lines, appearing to be a stylized 'W' or 'M' followed by a vertical stroke and a final upward stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/09/2019 2:52 PM

Date

Aug 9, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

60

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

83

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith co, 2 excavators, 1 front loader, 1 scraper, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

NUWO, CASJ, SBMU, YWAR, HOFI, CALT, parrot sp, cottontail, ca ground squirrel, ROPI, clsw, ANHU, ALHU, LABU, SPTO, LEGO, BEWR, OATI, CORA, BLPH, GREG, TUVU, whiptail, RSHA, HOOR

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 conducted prework sweep 0710 trained new trucker 0715 checked project perimeter for active nests, none found 0700-1500 haul trucks removing sediment 1500 biologist left site. No bio issues observed

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 series of connected loops and curves, resembling a stylized 'W' or 'M' with a small 'y' at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/13/2019 6:53 AM

Date

Aug 12, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:30

End Temperature

88

End Cloud Cover

0

End Wind Speed

1-4

Construction Activity and Personnel

Griffith conducting sediment removal activities. Excavators loading haul trucks. Two excavators, 1 loader, two water trucks, 1 backhoe, and 1 blade. Two Griffith crew members directing truck traffic and three other crew members preparing trucks for demobilization off site with hose and brooms.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CSJA, AMCR, CALT, BEWE, SOSP, ANHU, parrot sp., BEWR, SOSP, ANHU, YEWA, LEGO, western fence lizard, CLSW, ROPI, HOFI, OCWA, BLPH, RSHA, California ground squirrel, RSHA, CAQU, 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

0610 Biologist onsite 0630 Met crew at staging area. Water trucks running 0650 Conducted WEAP training for new Griffith crew members. 0700 haul trucks arriving on site, crew began mobilizing, and sediment removal began. 0715 walked site 0915 conducted WEAP training to new driver 1300 only one excavator loading haul trucks. Other is down. 1417 Griffith foreman asked about expanding access roads within work area on west side. The plan was to clear and grade tomorrow if possible. I said I would sweep the area and adjacent areas today and tomorrow. 1418-1445 Surveyed area where Griffith planned to expand truck routes in work

area on west side. No sensitive biological resources detected within anticipated truck route. 1445 one backhoe and a crew with shovels worked to clean up scales and ramps to scales 1450 Last hail truck demobilized from site. Rest of crew preparing site for tomorrow and then crew demobilized. Biologist walked site. No biological concerns observed. 1530 biologist left

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: 08/16/2019 6:30 AM

Date

Aug 13, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:12

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0-2

End Time

15:30

End Temperature

91

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Griffith conducting sediment removal activities. 1 loader, 1 excavator, 2 water trucks, and 1 blade. Excavator and loader loading haul trucks while crew maintains and grades access roads. Some crew preparing trucks for demobilization off site.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CALT, parrot sp., BEWR, AMCR, HUVI, YEWA, WREN, NUWO, SOSP, ALHU, LEGO, western fence lizard, HOFI, COYE, BLPH, MODO, OATI, CSJA, SPTO, ROPI, CLSW, WTSW ANHU, ACWO

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

0612 onsite 0620 loader moving dirt on west side. Water trucks running 0630 met crew at staging area 0642 excavator mobilized. Biologist walked site 0700 haul trucks arriving. Surveyed area where crew planned on expanding access road. Surveyed west side and continued to walk site. 1150 Observed Griffith contain and clean up a minor spill. 1415 Conducted WEAP training

1437 Walked site 1450 Last haul trucks demobilized and crew preparing site for tomorrow.
1520 crew demobilized. Biologist conducted sweep of site. 1530 Biologist left site

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: 08/14/2019 3:12 PM

Date

Aug 14, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:50

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

93

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. 2 excavators, 1 loader 1 scraper, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Parrot sp., YWAR, ROPI, CORA, BUSh, hofi, clsw, CALT, ANHU, CASJ, SOSP, MODO, NOMO, LEGO, CA ground squirrel, BEWR, SPTO, AMCR, BTPI

Were Any Non-compliance Issues Observed?

Yes

Please State What Non-compliance Issues Occurred:

Biologist noted that the vegetation at the new tire wash station had been cleared and grubbed. Confirmed that biologists were not informed by the Contractor of the clearing activities and as a result no biologist had conducted a pre-clearing survey and no biologist was present to monitor during clearing. It is late in the nesting season and nesting activity on site is generally low, so it is unlikely that an active nest was present. The area that was cleared contained primarily disturbed CSS with CA sagebrush and CA buckwheat present but also high levels of nonnatives including Spanish broom and black mustard. Any wildlife affected would likely have been snakes, rodents, or lizards and with the warmer temperatures I would expect they would have been active enough to move out of harms way on their own during the removal.

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

0650 biologist arrived on site. 0715 biologist provided WEAP training to 2 new LACPW workers
0730 biologist noted removed veg at tire wash station and began communication with LACPW
0730-1500 biologist surveyed site for presence of active nests or sensitive wildlife while hauling
operations occurred. No active nests located. Hauling complete at 1500, biologist left site

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 large, stylized 'O' or 'G' shape followed by a series of connected loops and a final horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/15/2019 6:22 PM

Date

Aug 15, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:32

Start Temperature

51

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

93

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. 2 excavators, 1 front loader, 1 scraper, 3 water trucks, haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

HOOR, HOFI, CASJ, ALHU, CALT, parrot, SPTO, AMCR, CLSW, MODO, NUWO, YWAR, CORA

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 arrived on site, conducted pre work sweep 0700 haul trucks entered site 0715 provided WEAP training to 3 LACPW workers 0715-1500 conducted sweeps of project site, no issues observed 1500 biologist left site

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: DevilsGateGuest

Submitted Time: 08/23/2019 6:42 AM

Date

Aug 16, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:01

End Temperature

90

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) two excavators, four water trucks, one grader, one loader 2) Joe from Griffith

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, BEWR, BLPH, MODO, HOFI, side blotch 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 - tailboard with Griffith 0700 - begin monitoring excavation activities 1500 - end excavation activities

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 'NADAN' or similar, written in a stylized, cursive-like font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/22/2019 7:50 AM

Date

Aug 19, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:30

End Temperature

79

End Cloud Cover

0

End Wind Speed

1-2

Construction Activity and Personnel

Griffith conducted sediment removal activities. 2 excavators and 1 front loader loaded sediment into haul trucks. Laborers prepared trucks for demobilization offsite. 1 blade and 2 water trucks operating on access roads on site.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CSJA, BEWR, parrot sp., SOSP, AMCR, desert cottontail, YEWA, LABU, ALHU, ANHU, HOFI, MODO, CORA, SBMU, CAQU, COHA, western fence lizard, CATH, LEGO, BLPH, NUWO

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

0615 on site. 0630 met Griffith and Rest of crew at staging area. No vegetation clearing was planned for the day. 0632 conducted sweep of work areas 0700 Crew began construction activities and haul trucks began arriving on site. 0804 surveyed area before hand and then monitored removal of short emergent vegetation on work area. No wildlife or sensitive biological resources were detected before, during or after removal. Biologist monitored

sediment removal and associated activities: inspected testing holes for wildlife before loader backfilled them, walked site throughout the day to look for wildlife and other biological concerns. No impacts to sensitive biological resources were observed. 1500 Crew prepared to leave site. Biologist walked site. 1530 departed site

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, overlapping loops and strokes, likely representing the initials or full name of the person who completed the log.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/20/2019 2:58 PM

Date

Aug 20, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:45

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

88

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew with 2 excavators 1 front loader 1 skip loader and 1 scraper, haul trucks. Filling haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CASJ, SOSP, ANHU, AMCR, ALHU, HOFI, OATI, ROPI, ACWO, NUWO, SBMU, WTSW, YWAR, Parrot sp. MODO, Bush, Bcnh, CAQU, Cottontail, RTHA

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 did pre work sweep 0715 trained one new LACPW worker 1000 monitored removal of emergent vegetation in small area 1100 trained 2 Tetra Tech workers 1500 left site. No bio issues observed

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 series of loops and a long, sweeping stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/21/2019 2:52 PM

Date

Aug 21, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:46

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:20

End Temperature

92

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith crew with 2 excavators 1 front loader and 1 scraper. Loading haul trucks

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BEWR, SOSP, CALT, hofi, clsw, parrot, AMCR, lego, ANHU, ALHU, SBMU, YWAR, BLPH, Cora, rtha

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 conducted pre work sweep 0700 haul trucks began 0900 small amount of emergent vegetation removed near dam under biologist supervision 1500 biologist left site. No bio issues observed

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 large, stylized 'U' or 'W' shape followed by a series of connected loops and a final horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/04/2019 7:32 AM

Date

Aug 22, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

70

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

13:15

End Temperature

88

End Cloud Cover

15

End Wind Speed

0-1

Construction Activity and Personnel

Sediment removal: 1 front loader, 2 excavators, 1 blade, and 2 water trucks. Loader and excavators loading haul trucks throughout the day. Five other crew members directing haul truck traffic and using a broom and hose to prep trucks for demobilization off site. Blade and loader conducted regular maintenance of access roads within sediment removal area.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

BEWR, CALT, CSJA, parrot sp., WREN, RTHA, BUSH, ALHU, AMCR, HUVI, ANHU, BLPH, CAQU, ACWO, ROPI

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

0615 arrived on site. 0630 met Griffith and Rest of crew at staging area. No vegetation clearing was planned for the day. 0736 Crew mobilized and began construction activities shortly after. 0700 Haul trucks began arriving on site. Sediment removal began. Biologist monitored sediment removal and associated activities: inspected testing holes for wildlife before loader backfilled them, walked site throughout the day to look for wildlife and other biological concerns. 1230 Haul trucks done for the day. Griffith crew preparing site for tomorrow. 1255 Confirmed with Griffith foreman that crew would be done by 1330 and crew would clean and tidy up site until then. Biologist walked site. 1315 Biologist left site. No impacts to sensitive biological resources were observed.

Log Entry - Photos taken?

Yes

Log Entry Photo A



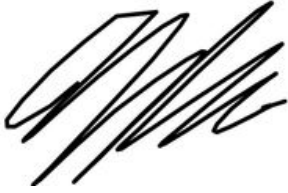
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping, fluid strokes that form a stylized, cursive-like shape.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/23/2019 9:19 PM

Date

Aug 23, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

62

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

15:00

End Temperature

82

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1) two excavators, one loader, one grader, four water trucks 2) Joe and Johnny from Griffith

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, CASJ, CORA, BEWR, BLPH, CAQU, CATH, ANHU, HOOR, OATI, HOWR, ACWO, western fence lizard, side-blotch 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

0615 - arrive on site 0700 - begin monitoring excavation activities 1500 - end excavation activities

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 read 'NOM'.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/26/2019 2:52 PM

Date

Aug 26, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

72

Start Cloud Cover

10

Start Wind Speed

0-1

End Time

08:30

End Temperature

73

End Cloud Cover

25

End Wind Speed

0-1

Construction Activity and Personnel

1) No construction activity 2) Joe from Griffith

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, CALT, ROPI, MODO, BEWR, HOFI, BLPH, ACWO, COHA, HOWR,

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

0615 - arrive on site 0630 - speak to Joe from Griffith, confirmation that all construction activities have been canceled due to near by fire. 0645- updating deactivated nests YWAR-2, CLSW-5, CLSW-6

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 'NOM'.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/28/2019 6:40 AM

Date

Aug 27, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

70

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:15

End Temperature

89

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) Two excavators, one grader, one loader, four water trucks 2) Joe from Griffith

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, HOWR, HOFI, BLPH, COHA, ACWO, CAJS, ANHU, BUSH, CALT, CATH, CAQU, RTHA, 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

0615 - arrive on site 0630 - coordinate with Joe from Griffith 0700 - begin excavation activities and monitoring 1515 - end monitoring excavation activities

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 'NDSX' or similar, written in a stylized, cursive-like font.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/28/2019 8:55 PM

Date

Aug 28, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:00

End Temperature

86

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) Two excavators, one loader, one grader, four water trucks 2) Joe and Johnny from Griffith

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

HOWR, HOFI, CORA, MODO, BLPH, RTHA, RSHA, ANHU, NUWO

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 0700 - begun excavation monitoring 0845 - WEAP training 1500 - end excavation 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 stylized, overlapping loops and lines, likely representing the initials 'NM'.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/29/2019 3:05 PM

Date

Aug 29, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:04

End Temperature

91

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) two excavators, one loader, one grader, four water trucks 2) Johnny from Griffith

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, CORA, HOFI, CASJ, RSHA, TUVU, HOWR, CALT,

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 0700 - begin monitoring excavation activities 1500 - end excavation 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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/03/2019 9:35 PM

Date

Sep 3, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

Start Time

06:45

Start Temperature

73

Start Cloud Cover

15

Start Wind Speed

0-2

End Time

14:50

End Temperature

94

End Cloud Cover

15

End Wind Speed

1-4

Construction Activity and Personnel

1. Two excavators, one front loader, one blade, five water trucks, three sweepers, 60 bottom dump trucks. 2. 12 personnel (Griffith Company, Joe), 60 bottom dump truck personnel (various companies), 4 personnel (Cal Earth Transport).

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, RLPA, SOSP, SBMU, ALHU, CALT, ANHU, LEGO, BLPH, HOFI, BTYW, BUSH, YWAR, 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.

Log Entry

0700, monitored excavators and front loader loading dirt into bottom-dump trucks to be hauled off site. 0720, surveyed flint wash for LBVI activity.

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: 09/05/2019 7:51 AM

Date

Sep 4, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:20

Start Temperature

72

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

15:15

End Temperature

84

End Cloud Cover

10

End Wind Speed

1-2

Construction Activity and Personnel

Sediment removal: 1 loader, 2 excavators, 1 blade, and 2 water trucks. Loader and excavators loading haul trucks throughout the day. Other crew members directing haul truck traffic and using a broom and hose to prep trucks for demobilization off site. Blade and loader conducted regular maintenance of access roads within sediment removal area.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

WREN, parrot sp., ALHU, AMCR, ANHU, California ground squirrel, SOSP, CALT, BLPH, BEWR, CSJA, YEWA, HOFI, CATH, NUWO, Western fence lizard, SBMU, RTHA, coyote (scat), Western side-blotch lizard, BUSH, SPTO

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.

Log Entry

0620 monitor on site. 0635 met Griffith and rest of crew at staging area. Griffith foreman said no vegetation clearing was planned for the day. 0655 Crew mobilized and began construction activities shortly after. 0700 Haul trucks began arriving on site. Biologist monitored sediment removal and associated activities: inspected testing holes for wildlife before loader backfilled them, walked site throughout the day to look for wildlife and other biological concerns. No impacts to sensitive biological resources were observed. 1500 Crew prepared to leave site. 1515 Biologist left site.

Log Entry - Photos taken?

Yes

Log Entry Photo A



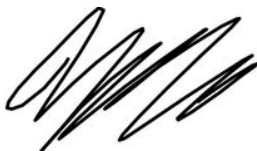
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature



Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/06/2019 6:49 AM

Date

Sep 5, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

72

Start Cloud Cover

10

Start Wind Speed

0-1

End Time

15:15

End Temperature

99

End Cloud Cover

1

End Wind Speed

1-3

Construction Activity and Personnel

Sediment removal: 1 front loader, 2 excavators, 1 blade, and 2 water trucks. Loader and excavators loading haul trucks throughout the day. Other crew members directing haul truck traffic and using a broom and hose to prep trucks for demobilization off site. Blade and loader conducted regular maintenance of access roads within sediment removal area. 1 skip loader used for maintenance of western access road.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Parrot sp., CALT, WTSW, ROPI, MODO, HOFI, SOSP, ALHU, SBMU, BLPH, RSHA, ANHU, CSJA, OCWA, AMCR, CORA, BEWR, OATI

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.

Log Entry

0615 monitor on site. 0630 met Griffith and rest of crew at staging area. 0645 Attended tailboard. No vegetation clearing was planned for the day. Conducted WEAP training for 2 new Griffith crew members. 0700 Crew mobilized and began construction activities shortly after. Haul trucks began arriving on site. Conducted nesting bird survey at and around tire wash on west side. 0835 Discussed plan for installing catch basin and pipe to divert runoff from hosing tires from oaks in park with Griffith foreman. By 1400 crew had come up with another solution and moved hosing tires so runoff did not go to park or oak trees. Biologist monitored sediment removal and associated activities: inspected testing holes for wildlife before loader backfilled them, walked site throughout the day to look for wildlife and other biological concerns. No impacts to sensitive biological resources were observed. 1500 Crew prepared to leave site. 1515 Biologist left site.

Log Entry - Photos taken?

Yes

Log Entry Photo A



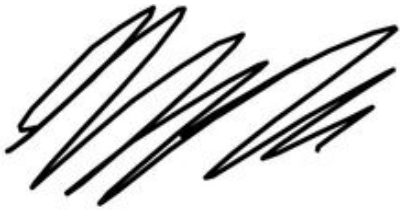
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A stylized, handwritten signature in black ink, consisting of several overlapping, fluid strokes that form a cursive-like shape.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/06/2019 8:45 AM

Date

Sep 6, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

70

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

08:51

End Temperature

75

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Griffith crew conducting site maintenance and preparation activities involving 1 skip loader and a crew of 4-5 using shovels.

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

coyote (vocalization), parrot sp., RSHA, AMCR, ANHU, SBMU, ALHU, BLPH, SOSP, EUST, HOFI, CSJA, CALT, desert cottontail, SPTO, Wtsw, HOOR, BARS, 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.

Log Entry

0615 arrived onsite 0630 met Griffith crew at staging area. Foreman said no sediment removal planned for today. Plan was to clean up and prepare site. Crew expects a gravel delivery and plans to disperse around scale house. Also planned to work on west side near tire wash and v-ditches on western access road. 0700 Biologist walked site and surveyed for nesting birds and other sensitive biological resources, focusing on areas where the crew planned to be working in for the day. 0719 Crews mobilized and began construction activity. Monitored construction activity while on site and looked for sensitive biological resources and concerns. 0830 Checked in with Griffith foreman before heading out. No vegetation removal planned. No impacts to sensitive biological resources were observed. No concerns to sensitive biological resources anticipated. 0851 Biologist left site.

Log Entry - Photos taken?

No

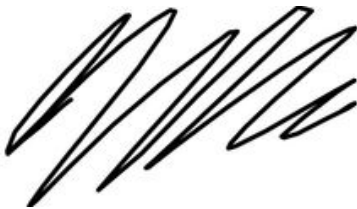
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several stylized, overlapping loops and strokes, likely representing the initials or full name of the biologist.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/10/2019 6:33 AM

Date

Sep 9, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

59

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

09:00

End Temperature

61

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) No construction/excavation activities 2) Joe and Johnny from Griffith

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, HOFI, CALT, 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.

Log Entry

0615 - arrive on site 0700 - coordinated with Joe from Griffith. No excavation activities

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: DevilsGateGuest

Submitted Time: 09/11/2019 7:38 AM

Date

Sep 10, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

09:00

End Temperature

64

End Cloud Cover

100

End Wind Speed

0-1

Construction Activity and Personnel

1) no construction activity 2) coordinated with Brittany from LA County

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, HOWR, CATH, CALT, RSHA, HOFI, BLPH, 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

0615 - arrive on site

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 'NOM'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/17/2019 12:30 PM

Date

Sep 11, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:20

Start Temperature

64

Start Cloud Cover

5

Start Wind Speed

0-1

End Time

09:45

End Temperature

70

End Cloud Cover

30

End Wind Speed

0-2

Construction Activity and Personnel

Purpose: biological site check. Griffith crew conducting small work activities in work area involving 2 skip loaders, 2 front loaders, telescoping forklift, and 1 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

EUST, California ground squirrel, SOSP, ROPI, MODO, BEWR, HOFI, CAQU, LEGO, desert cottontail, BUSH, WREN, CALT, CATH, BLPH, WAVI, ANHU, NUWO, BARS, BGGN, ALHU, western side-blotched lizard, RSHA, RTHA, OCWA

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

0820 arrived on site. Griffith crew working around scale house and tire wash. Dump trucks delivered gravel. No other concerns observed. No impacts to sensitive biological resources observed.

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 stylized name or set of initials.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/11/2019 12:15 PM

Date

Sep 11, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

20:00

End Temperature

64

End Cloud Cover

70

End Wind Speed

0-1

Construction Activity and Personnel

1) one loader 2) Johnny and Joe from Griffith

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, ROPI, BLPH, MODO, RTHA, RSHA

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

0615 - arrive on site 0615 - coordinate with Joe from Griffith 0630 - WEEP training for Griffith
0700 - clear area near scale house before maintenance

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 'N. A. M.' or similar, with a stylized, cursive-like font.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/12/2019 3:05 PM

Date

Sep 12, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

15:02

End Temperature

95

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

1) two back hoes, one grader, two water trucks 2) Joe from Griffith

What type of monitoring is being conducted?

Construction Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, HOFI, MODO, CALT, CASJ, BEWR, BLPH, COYE, ANHU, SOSP, YWAR, SPTO

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 0700 - WEEP training 0715 - monitor grading activities near the scale house 1500 - end Construction Monitoring

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, appearing to be 'NEM' or similar, with a stylized, cursive-like structure.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/17/2019 9:36 AM

Date

Sep 13, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:15

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

10:32

End Temperature

86

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith. LBV site check. No hauling today

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

BEWR, ACWO, CASJ BLPH CALT ANHU hofi, Bush, webl, parrot, side blotched, western fence lizard, cottontail, ground squirrel, AMCR CAQU

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

Arrived on site for site check. No hauling today. Checked perimeter. No LBV observed. No bio issues observed. Perimeter fence 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 a series of loops and curves.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/13/2019 8:20 AM

Date

Sep 13, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

66

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

08:14

End Temperature

72

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) no equipment mobilized 2) Joe from Griffith

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, HOFI, BEWR, COHA, CASJ, CALT, LEGO

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 onsite 0745 - coordinate with Joe, no construction activities for the day 0815 - left site

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: 09/17/2019 9:55 AM

Date

Sep 17, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:40

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

09:53

End Temperature

71

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

N/A no hauling operations or site maintenance today

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

Oati, ACWO, ANHU, ALHU, CASJ, NUWO, MODO, parrot sp, bars, hofi, clsw, CAQU, EUST, CALT, AMCR, BEWR, BLPH, RSHA, SPTO, Bush, western fence, 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

LBV twice weekly site check. No lbvi or other covered species observed, no work today. Fence needs repairs

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 horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/20/2019 9:39 AM

Date

Sep 20, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:37

Start Temperature

59

Start Cloud Cover

25

Start Wind Speed

0-1

End Time

09:45

End Temperature

66

End Cloud Cover

30

End Wind Speed

0-1

Construction Activity and Personnel

Purpose: biological site check. No construction activity onsite. Tetra Tech monitoring air quality.

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, ACWO, MODO, parrot sp., BUSH COHA, CSJA, ANHU, BLPH, CATH, WREN, CALT, SOSP, ALHU, SAPH, KILL, BEWR, desert cottontail, ROPI, NOMO, OATI, RSHA, CORA, HOFI, NUWO, eastern fox squirrel, western fence lizard, western side-blotched lizard, BGGN

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

0637 arrived on site. Restoration crew observed on west side. City of Pasadena using excavator southwest of project area in Oak Grove Park. Tetra Tech vehicle observed in work area. Conducting air quality monitoring. No other construction activities observed. New staking present in sediment removal area since previous visit. Lots of equestrian tracks and scat observed in sediment removal area. 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

SignatureA handwritten signature in black ink, appearing to be 'J. J. J.', written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/24/2019 10:29 AM

Date

Sep 24, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

08:10

Start Temperature

63

Start Cloud Cover

80

Start Wind Speed

0-1

End Time

10:24

End Temperature

76

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

N/A no hauling or construction today. Only LACPW personnel on site.

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, MODO, ACWO, BEWR, CASJ, EUST, ANHU, western fence lizard, parrot sp, OATI, SOSP, BLPH, Bush, AMCR, ALHU, Coye, SPTO, cottontail, NUWO, CATH, lego, RSHA, hofi, ca ground squirrel, tree squirrel, kill, CAQU, wren, coyote, saph, wtsw

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

Arrived on site to conduct twice weekly LBV site check. No LBV detected. Site is in good condition. Perimeter fence needs repair, notified LACPW, no bio issues observed

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 stylized 'U' shape followed by a horizontal line and a small loop.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/26/2019 9:34 AM

Date

Sep 26, 2019

Monitor Name

Shannan Shaffer

Are Additional Monitors Present?

No

Start Time

06:45

Start Temperature

67

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

10:19

End Temperature

69

End Cloud Cover

40

End Wind Speed

0-2

Construction Activity and Personnel

LBVI site visit- no construction activity Several sections of fencing down around perimeter of work area

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

BEWR, CASJ, CALT, AMCR, BUSH, WCSP, WREN, BLPH, EUST, MODO, SPTO, COYE, NUWO, LEGO, ANHU, CAQU, ROPI, CATH, CORA, HOFI, COHA, ALHU, RTHA, OCWA, NRWS

Were Any Non-compliance Issues Observed?

No

Did work activities occur outside predesignated work areas?

No

Log Entry

0650 LBVI site visit

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, appearing to be 'D. R. A.', written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/30/2019 12:07 PM

Date

Sep 30, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:47

Start Temperature

41

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

11:01

End Temperature

65

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Griffith Co. hauling activities resumed. 2 excavators, 1 front loader, 1 roller, scale crew, ground crew, 4 water trucks, 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, BLPH, parrot sp., HOFI, CALT, MODO, CASJ, ACWO, ALHU, SPTO, WTSW, kill

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

0647 arrived on site and attended tailboard. Hauling will resume today. Vegetation near the dam face to be cleared today. 0800 monitored clearing of vegetation at dam face. No bio issues observed. Trained 2 new truckers at scale house. Conducted twice weekly LBV site check. No issues observed. 1100 clearing of vegetation complete. 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 final upward stroke.

Habitat Restoration Monitoring Logs

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/02/2019 6:48 AM

Date

Jul 1, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

49

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

80

End Cloud Cover

N/A

End Wind Speed

5-7

Construction Activity and Personnel

Weed clearance: 4 people, no power equipment.

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 towhee, raven, hawk, common yellowthroat

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. Before. B. During. C. After.

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]

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/02/2019 7:36 PM

Date

Jul 2, 2019

Monitor Name

Kent Hughes

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

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

Weed clearance: 4 people, no power equipment

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

spotted towhee, california towhee, black phoebe, parrots

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. Before. B Beginning of material removal. C. After.

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

Kimberly H. H.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/03/2019 3:52 PM

Date

Jul 3, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Brian Zitt

Start Time

07:00

Start Temperature

63

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:00

End Temperature

79

End Cloud Cover

40

End Wind Speed

0-2

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative vegetation. Crew consisted of one foreman and two 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, BEWR, BUSH, SPTO, CALT, BHCO, SOSP, LEGO, ANHU, EUST, RTHA, ACWO, NRWS, CLSW, HOFI, MODO, NOMO, AMCR, BLPH, COYE, California ground squirrel, western fence lizard, western 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

0700, conducted pre-removal sweep. 0715, crew began removing nonnative weeds in the southern portion of DG-4. Weeds removed included perennial pepperweed, black mustard, pigweed amaranthus, lambs quarters, and wild radish.

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 loops and a long horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/08/2019 6:40 AM

Date

Jul 5, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

57

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

86

End Cloud Cover

0

End Wind Speed

7- 11.5

Construction Activity and Personnel

Weed clearance: 4 people, no power equipment

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

Raven, Common yellowthroat, spotted towhee, California towhee, unidentified raptor, parrots

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. Before B. After

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 "Kurt Nye", followed by a vertical line.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/09/2019 8:17 AM

Date

Jul 8, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:56

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

68

End Cloud Cover

50

End Wind Speed

5

Construction Activity and Personnel

Weed clearance: 4 people, no power equipment.

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

Common yellowthroat, raven, parrots, seagull, unidentified raptor, California towhee, 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

A. Before. B. After.

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 "J. J. Ball", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/10/2019 9:43 AM

Date

Jul 9, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

<5

End Time

15:30

End Temperature

82

End Cloud Cover

0

End Wind Speed

5-8

Construction Activity and Personnel

Irrigation installation. 8 people, no power equipment.

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

Scrub jay, parrots, spotted towhee, raven

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 laying out main irrigation line. B. Crews digging trenches for feeder lines to cross road.

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 "Kristin H. H. H." with a stylized, cursive script.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/11/2019 6:40 AM

Date

Jul 10, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

90

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Weed clearance: 8 people, no power equipment.

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

raven, California towhee, unidentified raptor.

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. Before. B. After.

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 "Karl W. Hyslop". The signature is written in a cursive, slightly slanted style. The first letter "K" is large and prominent. The "W" is formed with two distinct peaks. The "Hyslop" part is more fluid and connected, with a long, sweeping tail on the final "p".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/15/2019 6:30 AM

Date

Jul 11, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

85

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

Irrigation installation: 8 people, no power equipment

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

cottontail, scrub jay

Were Any Non-compliance Issues Observed?

No

Please State What Non-compliance Issues Occurred:

N/A

Did work activities occur outside predesignated work areas?

N/A

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

N/A

Log Entry

A. Crew being trained to operate heat fusion system for irrigation pipe B. Heat fusion system in operation. C. Crew aligning pipe sections in preparation for fusing.

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

Ken J. Hynson

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/19/2019 9:49 AM

Date

Jul 12, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

63

Start Cloud Cover

20

Start Wind Speed

0-2

End Time

14:00

End Temperature

90

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative weeds and install irrigation in DG-3A. Crew consisted of one foreman (Ron Crawford) and six 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, WREN, CALT, SPTO, MODO, LEGO, HOFI, AMCR, BLPH, NOMO, CLSW, NRWS, SAPH, desert cottontail, 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 weeding and installing the irrigation main line for the east side. 1400, crew done with removal for day. Conducted final sweep.

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. The signature is stylized and appears to be a combination of letters, possibly 'KSG' or similar, followed by a long horizontal line extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/16/2019 6:34 AM

Date

Jul 15, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:57

Start Temperature

55

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

85

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

Irrigation installation, weed clearance; 8 people, no power equipment

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

coyote, parrots, raven, unidentified raptor, California towhee, wrentit, mockingbird, 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

A. Crew removing irrigation pipe from truck. B. Crew fusing mainline joints. C. Crew clearing weeds.

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

Kendall

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/17/2019 6:56 AM

Date

Jul 16, 2019

Monitor Name

Kent Hughes

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

0

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

5-8

Construction Activity and Personnel

Irrigation assembly, weed clearance; 7 people, 1 pipe fusing set up.

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

Spotted towhee, parrots, California quail, raven, parrots, common yellowthroat

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. Clearance area before. B. Clearance area after.

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 "K. M. W. N. S.", written in a cursive, stylized font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/18/2019 7:28 AM

Date

Jul 17, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:56

Start Temperature

60

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

85

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

Irrigation installation, weed clearance: 8 people, no power equipment.

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 thrasher, scrub jay, California towhee, parrots, redtail hawk, 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

A. Clearance area with crew. B. Clearance area after clearance debris yet to be removed

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 'KMHQ' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/19/2019 10:50 AM

Date

Jul 18, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

62

Start Cloud Cover

47

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

0

End Wind Speed

5-7

Construction Activity and Personnel

weed clearance, irrigation system installation; 8 people, no power equipment

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

N/A

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. Area before clearance. B. Same area after clearance.

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 "K. M. [unclear]". The signature is written in a cursive, stylized font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/22/2019 6:44 AM

Date

Jul 19, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

62

Start Cloud Cover

47

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

32

End Wind Speed

0

Construction Activity and Personnel

weed clearance, irrigation system installation; 8 people, no power equipment

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

N/A

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. Training to use soil auger. B. Creating planting hole with soul auger.

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 'K. M. S.', written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/23/2019 9:39 AM

Date

Jul 22, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

62

Start Cloud Cover

47

Start Wind Speed

0

End Time

15:30

End Temperature

90

End Cloud Cover

32

End Wind Speed

0

Construction Activity and Personnel

irrigation system installation; 8 people, gas-powered soil auger.

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

scrub jay, California quail, northern rough winged swallow, common raven, cottontail, parrots, spotted towhee

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. Training to use soil auger. B. Planting hole created by auger. C. Line of planting holes.

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

Kirk Long

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/25/2019 7:46 AM

Date

Jul 23, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

75

Start Cloud Cover

69

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

65

End Wind Speed

0

Construction Activity and Personnel

irrigation system installation; 8 people, gas-powered soil auger.

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

scrub jay, California quail, northern rough-winged swallow, common raven, cottontail, parrots, spotted towhee

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. More training to use soil auger. B. Planting area begun auge

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 "Kurt W. Wright". The signature is written in a cursive, flowing style with some capitalization and a distinct ending flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/02/2019 7:29 AM

Date

Jul 24, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

68

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

14:00

End Temperature

90

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to dig holes for container plants in DG-3A. Crew consisted of one foreman (Ron Crawford) and seven 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 CALT SPTO BUSH HOFI MODO RSHA SOSP NRWS ACWO WREN BEWR AMCR NOMO LEGO
EUST ROPI California ground squirrel, desert cottontail, 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 digging holes for container plant installation. 1400, crew done with work for the day and conducting cleanup activities, conducted final sweep.

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. The signature is stylized and appears to be a cursive representation of a name. It is written on a white background.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/26/2019 6:32 AM

Date

Jul 25, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

75

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

65

End Wind Speed

0

Construction Activity and Personnel

veg installation prep; 8 people, 2 gas-powered soil augers.

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

scrub jay, California quail, common raven, cotton-tail, parrots, spotted towhee, deer

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 augering planting holes B. Crew augering planting holes

Log Entry - Photos taken?

No

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

Subject

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/01/2019 6:22 AM

Date

Jul 26, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

100

End Wind Speed

<5

Construction Activity and Personnel

veg installation prep; 8 people, 2 gas-powered soil augers.

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

scrub jay, California quail, common raven, cotton-tail, parrots, spotted towhee, deer

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 augering planting holes 1. B. Crew augering planting holes 2

Log Entry - Photos taken?

No

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 "Kurt W. Ahn". The signature is written in a cursive, stylized font with a large, prominent "A".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/01/2019 5:27 AM

Date

Jul 29, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

100

End Wind Speed

<5

Construction Activity and Personnel

weed clearance; 6 people, no power equipment

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

scrub jay, California quail, common raven, cotton-tail, parrots, spotted towhee, deer

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. Before. B. After.

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 "Timothy" followed by a stylized flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/30/2019 6:21 PM

Date

Jul 30, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

1-3

End Time

13:45

End Temperature

84

End Cloud Cover

10

End Wind Speed

2-5

Construction Activity and Personnel

1. Hand tools. 2. Eight Nature's Image personnel (Ron Crawford).

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

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, RLPA, CASJ, SOSP, MODO, SPTO, CATH, BUSH, COYE, BEWR, HOFI, CALT, YWAR, CORA, gopher, common side-blotched lizard, coastal whiptail, western fence lizard, desert cottontail, coyote, 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

0718, monitored Nature's Image crew pulling weeds in DG-4. 0730, Updated ANHU-16. 0748-Updated BUSH-2. 0917- Updated SOSP-2. 0923, Updated ALHU-2. 0930, Updated BUSH-7. 0939, Updated ANHU-14. 0945, Updated LEGO-2. 0951, Updated BUSH-4.

Log Entry - Photos taken?

No

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, appearing to be "P. B. Smith", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 07/31/2019 3:52 PM

Date

Jul 31, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

65

Start Cloud Cover

15

Start Wind Speed

0-2

End Time

13:44

End Temperature

80

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

Monitored Nature's Image crew (8 people) removing nonnative vegetation by hand and installing irrigation.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

Black Phoebe, mourning dove, common raven, rock wren, Anna's hummingbird, California towhee, Great blue heron, green parrot, Ca scrubjay, yellow warbler, western fence lizard, side-blotched lizard, bushtit, cottontail, CA ground squirrel, northern rough-winged swallow

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 began removing nonnative vegetation on western slope; 1000 crew shifted to eastern slope to install irrigation lines

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, overlapping letters.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/16/2019 9:21 AM

Date

Aug 01, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

100

End Wind Speed

<5

Construction Activity and Personnel

irrigation construction, 8 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

scrub jay, California quail, common raven, cotton-tail, parrots, spotted towhee, deer

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 assembling irrigation

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

KWA WB

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/09/2019 8:55 AM

Date

Aug 2, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:00

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:00

End Temperature

91

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install irrigation tubing in DG-3A. Crew consisted of one foreman (Ron Crawford) and seven 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 WREN BEWR MODO NOMO RTHA AMCR ROPI LEGO HOFI ACWO NUWO ANHU CALT SPTO
desert cottontail, western fence lizard, 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

0700, conducted pre-work sweep. 0715, crew began installing irrigation piping at DG-3A.
1400, 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 series of connected, stylized loops and a long, sweeping horizontal stroke at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/05/2019 4:16 PM

Date

Aug 5, 2019

Monitor Name

Brian Zitt

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

06:25

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

1-2

End Time

13:30

End Temperature

90

End Cloud Cover

0

End Wind Speed

2-4

Construction Activity and Personnel

Nature's Image crew of eight, hand tools

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

Ca ground squirrel, American crow, green parrot, black phoebe, side-blotched lizard, scrub jay

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

Nature's Image crew installed irrigation plumbing in preparation for planting

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 extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/06/2019 4:44 PM

Date

Aug 6, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

64

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:00

End Temperature

97

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image (NI) crew of 8 installing irrigation on east side of project area.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CSJA, WREN, CALT, parrot sp., NUWO, ALHU, SPTO, BEWR, California ground squirrel, eastern fox squirrel, western side-blotch lizard, CAQU, SOSR, MODO, LEGO, HOFI, WEBL, ACWO, AMCR, CORA, EUST, BUSH, BGGN, BHGR, YEWA, ECDO, desert 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 NI foreman said plan for the day was to install irrigation in other restoration areas until container plants were delivered later in the week. One crrw member also checked and cleaned up pre-dug holes. 0900 Pasadena Water and Power crew using 2 backhoes on dirt access road north of staging area on east side and planned to conyinue until 3:00. 1330 NI crew started cleaning and packing up for the day. 1400 Biologist off site.

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 several stylized, overlapping loops and strokes.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/08/2019 8:12 AM

Date

Aug 7, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

63

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

13:50

End Temperature

84

End Cloud Cover

15

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image (NI) crew of 8 installing irrigation for container plants in restoration areas on east side of project. Crew tested irrigation set up. Crew installed irrigation by hand and with hand tools. Crew also checked and made sure pre-dug holes for container plants to were ready for planting the following day.

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

MODO, CALT, BUSH, WREN, SPTO, desert cottontail, bobcat, CAQU, parrot sp., BEWR, ALHU, LEGO, NUWO, AMCR, WEBL, HOOR, NOMO, ACWO, California ground squirrel, EUST, BUSH, ANHU, RTHA

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 Biologist onsite. Conducted sweep of work area. 0700 met NI crew. Foreman said plan for the day was to continue irrigation set up and test the system. The crew would make sure the site was prepared for planting the following day. 0823 Pasadena Water and Power crew using a backhoe to expose pipe under dirt access road on east side. (2nd photo) 1330 Crew wrapping

up for the day and are prepared for planting tomorrow. Biologist walked site while crew packed up. 1350 Biologist offsite.

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 stylized, overlapping loops and strokes, likely representing the initials or full name of the person who completed the log.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/09/2019 9:13 AM

Date

Aug 8, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

67

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:00

End Temperature

88

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install container plants at DG-3A. Species installed included 175 coast live oak and 115 California blackberry. Nature's Image crew consisted of one foreman (Ron Crawford) and seven 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

BEWE BLPH CLSW NRWS AMCR RTHA LEGO HOFI EUST ROPI CALT SPTO CASJ ANHU MODO
NOMO ACWO

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 unloading plants from delivery truck. Biologist inspected all plants for any signs of stress, damage, and or disease. 0730, crew began installing container plants. 1400, conducted final sweep.

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: 08/09/2019 4:02 PM

Date

Aug 9, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

67

Start Cloud Cover

0

Start Wind Speed

1-3

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 continue container plant installation at DG-3A. Crew consisted of one foreman (Ron Crawford) and seven 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

AMCR, HOFI, LEGO, MODO, NOMO, BLPH, CLSW, NRWS, CALT, SPTO, CASJ, CATH, ANHU

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 installing container plants at DG-3A.
1400, conducted final sweep.

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 large, stylized 'A' followed by a series of loops and a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 08/15/2019 6:54 AM

Date

Aug 12, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:17

Start Temperature

61

Start Cloud Cover

90

Start Wind Speed

0-1

End Time

13:30

End Temperature

86

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1) hand tools 2) 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

CASJ, CORA, HOFI

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

0615 - arrive on site survey area 0730 - WEEP training Nature's Image personnel 0745 - begin restoration monitoring at DG-2B 1030 - plant delivery

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B

[illegible]

Log Entry Photo C



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: 08/14/2019 5:44 AM

Date

Aug 13, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

69

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

14:00

End Temperature

89

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install container plants at DG-2B. Plants were installed according to final HRP. Crew consisted of one foreman (Ron Crawford) and seven 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, MODO, ANHU, NOMO, TUVU, RTHA, BLPH, CLSW, NRWS, HOFI, CALT, LEGO, AMCR, ROPI, EUST, BEWR, ACWO, CAQU

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 installing plants in DG-2B. 1400, conducted final sweep.

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 large, stylized 'A' followed by a long horizontal stroke.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/20/2019 2:38 PM

Date

Aug 14, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

67

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:30

End Temperature

91

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install container plants and DG-2A and DG-2B and dig holes at DG-4C. Crew consisted of two foremen (Ron Crawford and Victor Aguirre) and 11 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, LEGO, HOFI, MODO, NOMO, AMCR, CAQU, CASJ, ACWO, EUST, CATH, CASJ, AMKE, desert cottontail, western fence lizard, 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

0700, conducted pre-work sweep. 0715, crew began installing plants in DG-2A and DG-2B. 1100, conducted weekly sweep of oak trees in Oak Grove Park. No signs of root rot or other issues were observed; however, pooling was observed around one of the oak trees. The contractor was observed discussing options to fix the issue with the County. 1130, crew began digging holes for container plants in DG-4C. 1330, conducted final sweep.

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: DevilsGateGuest

Submitted Time: 08/16/2019 6:45 AM

Date

Aug 15, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

61

Start Cloud Cover

25

Start Wind Speed

0-1

End Time

13:30

End Temperature

95

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

1) hand tools 2) Ron, Lalo, Victor, Manny from Nature's Image

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

MODO, CORA, HOFI, 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

0615 - arrived onsite 0630 - installed ESA stakes 0715 - meet up with Natures Image crews
0720 - begin restoration monitoring DG-4C 1100 - receive plants for DG-3A 1145 - begin
planting at DG-3A 1330 - 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

NDA

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/19/2019 7:44 AM

Date

Aug 16, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

100

Start Wind Speed

0-2

End Time

14:00

End Temperature

84

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Imagine crew conducted restoration activities on west side. Crew conducted nonnative weed abatement by hand and with hand tools, irrigation installation, and recieved irrigation pipe delivery. Container plants on east side were also irrigated. Crew also marked holes for container plnts and proceeded to dig holes.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

MODO, AMCR, CALT, LEGO, CAQU, SOSP, SPTO, ANHU, CATH, EUST, BLPH, CSJA, parrot sp., BEWR, BUSH, WIFL, YEWA, BGGN, HOFI, NUWO, ALHU, desert cottontail, AMRO, OATI, California ground squirrel, western side-blotch 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

0630 onsite, conducted sweep of work areas. 0700 met NI crew on site. Foreman said plan of the day was to install irrigation and hand pull weeds. Crew began work. 0750 Foreman notified me that irrigation delivery was expected around 0800-0830 and crew would unload pipe the return to weed abatement and drip line installation. 0849 Irrigation pipe was delivered. Crew

unloaded before returning to week abatement and irrigation installation. 1100 portable bathrooms were delivered. 1315 Foreman said they planned to continue weeding and bagging removed vegetation while part of crew prepared holes for container plants. Plan for Monday was to start installing main irrigation pipe. 1317 walked site 1400 biologist left site. No impacts to sensitive biological 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 stylized, overlapping loops and strokes.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/29/2019 7:23 AM

Date

Aug 19, 2019

Monitor Name

Kent Hughesi

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

70

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

Planting site preparation, 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

scrub jay, California quail, common raven, cotton-tail, parrots, California ground squirrel, common yellowthroat, California towhee

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, B. Crew prepping planting site 5b.

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 "Kristin Anderson". The signature is written in a cursive, flowing style with some capitalization.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/21/2019 6:55 AM

Date

Aug 20, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

54

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

92

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

irrigation construction, 8 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

scrub jay, California quail, common raven, cotton-tail, parrots, spotted towhee, California towhee

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 fusing irrigation mainline.

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

Kent Hight

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/22/2019 9:07 AM

Date

Aug 21, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

54

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

93

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

irrigation construction, 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

scrub jay, California quail, common raven, cotton-tail, parrots, Western blue bird, California towhee

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 fusing sections of irrigation main line.

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

K. A. R.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/28/2019 12:19 PM

Date

Aug 22, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

67

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

14:00

End Temperature

89

End Cloud Cover

0

End Wind Speed

2-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds and a mini excavator to dig holes for container plants in DG-5. Crew consisted of 2 foremans and 11 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, HOFI, LEGO, TUVU, CALT, SPTO, ROPI, MODO, NOMO, RTHA, EUST, ACWO, CLSW, NRWS, BASW, BEWR, coyote, California ground squirrel, western fence lizard, western toad.

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 and digging holes in DG-5. 1400, crew done with removal and digging, conducted final sweep.

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 stylized, cursive script that is difficult to decipher but appears to be a single name.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/28/2019 1:01 PM

Date

Aug 23, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Taylor Dee

Start Time

07:00

Start Temperature

65

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

14:00

End Temperature

87

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install irrigation and a mini dozers to dig holes for container plants at DG-4B. In addition, a tractor was used to rip soil at DG-5. Crew consisted of two foreman and 10 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

HOFI, MODO, LEGO, NOMO, AMCR, BEWR, CLSW, NRWS, CALT, SPTO, BUSH, WREN, ACWO, CAQU, ROPI, EUST, western toad, coyote, 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 installing irrigation and digging holes in DG-4B. 0900, crew began ripping soil in DG-5. 1400, conducted final sweep.

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 a stylized 'P' followed by a series of loops and a final flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/28/2019 8:39 AM

Date

Aug 26, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

43

Start Wind Speed

0

End Time

15:30

End Temperature

94

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

Irrigation installation, site preparation for planting, 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

scrub jay, California quail, common raven, cotton-tail, parrots, California ground squirrel, common yellowthroat, California towhee

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, B, C. Crew preparing area for planting.

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/28/2019 8:00 AM

Date

Aug 27, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

67

Start Cloud Cover

47

Start Wind Speed

0

End Time

15:30

End Temperature

94

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

Irrigation installation, site preparation for planting, 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

scrub jay, California quail, common raven, cotton-tail, parrots, California ground squirrel, common yellowthroat, California towhee

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, B, C. Crew installing plants.

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

Kent K. S.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/29/2019 7:17 AM

Date

Aug 28, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

70

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

95

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

Plant installation, 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

scrub jay, California quail, common raven, cotton-tail, parrots, California ground squirrel, common yellowthroat, California towhee

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, B. Crew installing plants.

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 "Kurt M. L.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 08/30/2019 7:42 AM

Date

Aug 29, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

88

End Cloud Cover

0

End Wind Speed

<5

Construction Activity and Personnel

Installing plants, 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, black phoebe, red shouldered hawk,

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 installing plants.

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

Kalish

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/04/2019 9:15 AM

Date

Aug 30, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

68

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

Installing plants, 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, black phoebe, red shouldered hawk, parrots, 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

A, B. Crew installing plants.

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 "K. Smith" with a stylized flourish at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/16/2019 8:02 AM

Date

Sep 3, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Adam Schroeder

Start Time

07:00

Start Temperature

64

Start Cloud Cover

30

Start Wind Speed

1-3

End Time

14:00

End Temperature

91

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools and a mini excavator to dig holes in DG-4. Crew consisted of one foreman (Ron Crawford) and 11 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, CORA, BEWR, RTHA, BUSH, LEGO, HOFI, ACWO, CAQU, CASJ, CATH, ANHU, EUST, CLSW, NRWS, NOMO, MODO, California ground squirrel, desert cottontail, 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

0700, conducted pre-work sweep. 0715, crew began digging holes in DG-4. 1400, conducted final sweep and biologist left for 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 several loops and a long horizontal stroke extending to the right.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/05/2019 9:45 AM

Date

Sep 4, 2019

Monitor Name

Adam Schroeder

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

72

Start Cloud Cover

5

Start Wind Speed

0-2

End Time

13:00

End Temperature

99

End Cloud Cover

5

End Wind Speed

1-3

Construction Activity and Personnel

1. One excavator, hand tools. 2. 11 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

MODO, CORA, EUST, RLPA, CASJ, ANHU, CALT, BLPH, COYE, Western toad, western fence lizard, 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.

Log Entry

0710, monitored crew digging holes and setting up drip lines in DG-4. 0754, relocated 1 western toad.

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 "B. A. H.", written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/13/2019 7:10 AM

Date

Sep 5, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

0

Construction Activity and Personnel

installing plants, 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, black phoebe, red shouldered hawk, parrots, California ground squirrel, 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.

Log Entry

A, B. Crew installing plants.

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 'K. A. H.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/09/2019 7:00 AM

Date

Sep 6, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:15

Start Temperature

68

Start Cloud Cover

5

Start Wind Speed

0-1

End Time

02:30

End Temperature

95

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

1) small excavator and hand tools 2) Ron and Manny 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

RTHA, RSHA, CORA, MODO, CASJ, BGGN, BUSH, CALT, CAQU,

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.

Log Entry

0615 - arrive on site

0630 - coordinate with Restoration Crews (Ron and Manny)

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 loops and lines.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/16/2019 8:18 AM

Date

Sep 9, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

15

Start Wind Speed

1-3

End Time

14:00

End Temperature

88

End Cloud Cover

0

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds and install container plants in DG-4. Crew consisted of one foreman (Ron Crawford) and 11 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, MODO, NOMO, HOFI, RSHA, LEGO, CALT, CATH, SPTO, CLSW, BARS, BEWR, ACWO, WREN, BUSH, desert cottontail, California ground squirrel, 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

0700, conducted pre-work sweep. 0715, crew began removing weeds. 0930, crew began installing container plants. 1400, conducted final sweep and biologist left for the day.

Log Entry - Photos taken?

Yes

Log Entry Photo A



Log Entry Photo B

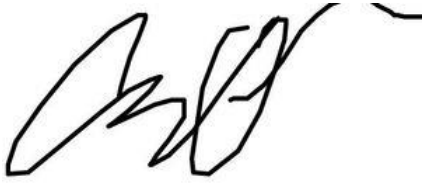


Species	Pot Size	Quantity
Juncus texilla	4"	100
Juncus rugulosis	4"	200
Rosa californica	4" TB	108
Total		408
Print name		
Signature		

Yes

Yes

Signature

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

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/13/2019 7:15 AM

Date

Sep 10, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

66

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

0

End Wind Speed

5-10

Construction Activity and Personnel

Installing plants, 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, black phoebe, scrub jay, parrots, California ground squirrel, 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

A. Crew installing plants. B. Area ready for planting

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 "K. Miller". The signature is written in a cursive, flowing style with a large initial "K" and a distinct "Miller" at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/18/2019 12:45 PM

Date

Sep 11, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

11

End Wind Speed

5-10

Construction Activity and Personnel

Installing plants, 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, black phoebe, scrub jay, parrots, California ground squirrel, 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

A. Crew installing plants.

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

KMA

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/25/2019 6:39 AM

Date

Sep 12, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

87

End Cloud Cover

11

End Wind Speed

5-10

Construction Activity and Personnel

Installing plants, 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, black phoebe, scrub jay, parrots, unidentified raptor, 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

A. Crew installing plants. B. Crew installing irrigation.

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 "K. A. W. A. J.", is written below the "Signature" label.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/25/2019 6:47 AM

Date

Sep 13, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

89

End Cloud Cover

100

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, 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

A. Weed removal. B. Crew installing irrigation.

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 "K. W. Wilson".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/16/2019 2:56 PM

Date

Sep 16, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

Start Time

07:00

Start Temperature

65

Start Cloud Cover

30

Start Wind Speed

1-3

End Time

14:00

End Temperature

84

End Cloud Cover

40

End Wind Speed

3-5

Construction Activity and Personnel

Nature's Image crew used hand tools to remove weeds, dig holes for container plants, and run irrigation line in DG-4. Crew consisted of one foreman (Ron Crawford) and 21 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, CALT, BEWR, BUSH, MODO, ANHU, HOFI, NOMO, CATH, SPTO, WREN, CORA, California ground squirrel, desert 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, conducted pre-work sweep. 0715, crew began removing weeds and digging holes. 1400, conducted final sweep and biologist left for the 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

A handwritten signature in black ink, appearing to be 'A. J. [unclear]'. The signature is written in a cursive, stylized font.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/20/2019 7:58 AM

Date

Sep 17, 2019

Monitor Name

Taylor Dee

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:15

Start Temperature

60

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:00

End Temperature

82

End Cloud Cover

0

End Wind Speed

0-1

Construction Activity and Personnel

Nature's Image (NI) crew, approximately 25 , conducted restoration activities on west side. Work activities included irrigation preparation and installation, digging holes for container plants with shovels, and removing nonnative vegetation. In several areas holes were dug using a small excavator instead of shovels due to the compact soil.

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

MODO, parrot sp., CSJA, NUWO, SPTO, BEWR, WREN, AMCR, CAQU, western fence lizard, CATH, BUSH, ACWO, HOFI, CORA, SOSP, RSHA, western side-blotched lizard, CALT, ANHU, BLPH, CAKI, HOFI

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 met crew at staging area on west side. NI foreman was planning and coordinating with crew. Foreman discussed plan for the day. 0730 Crew split and mobilized to various restoration areas on west side. Some removed nonnative vegetation and others used shovels for digging container plant holes. One crew member operated a small excavator to dig holes in area that were too compact to dig with hand tools. Biologist monitored activities. 1152 NI crew fusing laid irrigation pipe 1300 Biologist surveyed potential planting area. No sensitive biological resources observed. No wildlife observed within the planting area. Foreman planned to remove nonnative in order to prepare area for planting. Nonnative weeds removed were dead mustard and poison hemlock. 1345 reviewed plan for tomorrow with foreman to relay to next monitor. No impacts to sensitive biological resources were observed. 1400 biologist left site.

Log Entry - Photos taken?

Yes

Log Entry Photo A



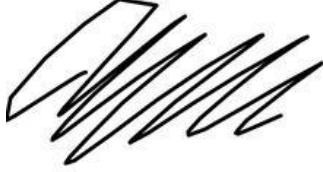
Were ESA (Endangered Species Act) permits adhered to during the monitoring activities?

Yes

Log Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a series of overlapping, stylized loops and strokes, positioned below the word "Signature".

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/05/2019 11:14 AM

Date

Sep 18, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

64

Start Cloud Cover

100

Start Wind Speed

0

End Time

15:30

End Temperature

89

End Cloud Cover

100

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, 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

A. Weed removal. B. Crew installing irrigation.

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 "K. H. A.", is written on the page.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/25/2019 7:02 AM

Date

Sep 19, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

61

Start Cloud Cover

90

Start Wind Speed

1-3

End Time

16:47

End Temperature

84

End Cloud Cover

50

End Wind Speed

5-7

Construction Activity and Personnel

1) hand tools, and irrigation lines 2) Marvin and Manny 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

CATH, LEGO, BEWR, CAQU, CASJ, CALT, ACWO, NUWO, MODO, CORA,

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 0700 - coordinated with Marvin from Nature's Image 0705 - monitor restoration activities (installing drip irrigation) at DG-4B and DG-4 1130 - monitor restoration crews installing irrigation lines at DG-4

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

NOH

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/24/2019 8:11 AM

Date

Sep 20, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

65

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

14:00

End Temperature

89

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to install irrigation line in DG-4. Crew consisted of one foreman 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

BLPH, CALT, CASJ, EUST, MODO, ACWO, CAQU, NOMO, AMCR, ROPI, SPTO, BUSH, western fence lizard, California ground squirrel, 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

0700, conducted pre-work sweep. 0715, crew began irrigation line installation in DG-4. 1400, conducted final sweep and biologist left for the 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

A handwritten signature in black ink, consisting of a large, stylized 'C' followed by a series of loops and a final flourish.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/24/2019 8:21 AM

Date

Sep 23, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

20

Start Wind Speed

1-3

End Time

14:00

End Temperature

84

End Cloud Cover

0

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative weeds and install irrigation line 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

ANHU, WESJ, ACWO, BUSH, AMCR, BEWR, MODO, NOMO, RTHA, CAQU, EUST, ROPI, GREG, CALT, SPTO, California ground squirrel, desert 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, conducted pre-work sweep. 0715, crew began clearing nonnative weeds and installing irrigation line in DG-4 1400, conducted final sweep and biologist left for the day.

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 'A. L.' or similar, written in a cursive style.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/04/2019 12:17 PM

Date

Sep 24, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

61

Start Cloud Cover

10

Start Wind Speed

1-3

End Time

13:00

End Temperature

84

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 container plants 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

BEWR, ACWO, CASJ, RSHA, CALT, SPTO, SOSP, WREN, BUSH, NOMO, MODO, HOFI, EUST, California ground squirrel, western fence lizard, desert 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, conducted sweep of DG-4. 0715, crew began installing irrigation line in DG-4. 1100, crew began unloading plants from Tree of Life nursery to be planted in DG-4. 1330, conducted final sweep and biologist left for the 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

A handwritten signature in black ink, consisting of a large, stylized capital 'C' followed by a horizontal line and a small upward flick.

Devil's Gate Biological Monitoring Log

Submitted By: DevilsGateGuest

Submitted Time: 09/26/2019 8:39 PM

Date

Sep 25, 2019

Monitor Name

Max Murray

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:30

Start Temperature

65

Start Cloud Cover

0

Start Wind Speed

0-1

End Time

14:30

End Temperature

86

End Cloud Cover

20

End Wind Speed

3-5

Construction Activity and Personnel

1) hand tools 2) coordinated with Ron from Nature's Image. Five crews will be doing various restoration activities today. 4 crews planting/organizing potted plants with 1 crew removing vegetation.

What type of monitoring is being conducted?

Restoration Monitoring

Covered Species Observed?

Yes

Which species were observed?

Yellow warbler

Were any least Bell's Vireo detected?

No

Include details of any least Bell's Vireo detected?

N/A

Other Wildlife Species Observed

CORA, BEWR, MODO, ACWO, CASJ, CALT, BUSH, AMGO, SOSP, BLPH, ANHU, NUWO, RTHA, TUVU, WIWA, YRWA, CA ground squirrel, side blotch lizard, coastal whiptail, 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 0700 - monitor crews removing vegetation/weeds, arranging plants to be planted, and planting in DG-4 0830 - observed 3 YWAR foraging in a large eucalyptus tree 1000 - observed two coastal whiptails (*Aspidoscelis tigris stejnegeri*) 1430 - end Restoration Monitoring

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 stylized, overlapping letters that appear to read 'NDA'.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/26/2019 5:06 PM

Date

Sep 26, 2019

Monitor Name

Kent Hughes

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

07:00

Start Temperature

68

Start Cloud Cover

85

Start Wind Speed

0

End Time

15:30

End Temperature

85

End Cloud Cover

100

End Wind Speed

5-10

Construction Activity and Personnel

Plant installation (12 people) - DG4, weed removal (4 people - peppergrass, mustard, castor bean) - DG4;

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, cottontail, bobcat

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. Weed removal. B. Crew installing irrigation.

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 'K. M. W. B.' with a stylized flourish at the end.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 09/27/2019 3:49 PM

Date

Sep 27, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

06:55

Start Temperature

68

Start Cloud Cover

100

Start Wind Speed

0-1

End Time

14:00

End Temperature

72

End Cloud Cover

80

End Wind Speed

0-3

Construction Activity and Personnel

Nature's image. Appx 20 crew planting container plants, 2 crew digging holes, 2 crew removing eucalyptus trees

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, WEAP, CASJ, MODO, amcr, ACWO, NUWO, ANHU, CALT, parrot sp, kill, oati, BEWR, Bush, lego, nomo, SPTO, SOSP, 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

0655 arrived on site, coordinated with crew re: felling of eucalyptus trees l. 0730-1300 monitored the felling of eucalyptus trees using specialized machinery. Large trees were felled using the two step method to ensure no bats were present. No roosting bats were observed or flushed. Approximately 35 trees were removed from DG4 and DG4A. Crew was also planting container plants and digging holes for new planting areas. No bio issues observed. 1400 biologist left site

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 stylized, cursive 'S' followed by a horizontal line.

Devil's Gate Biological Monitoring Log

Submitted By: SoCal_Bio

Submitted Time: 10/04/2019 12:46 PM

Date

Sep 30, 2019

Monitor Name

Carley Lancaster

Are Additional Monitors Present?

Yes

List Additional Monitors Present

Lauren Simpson

Start Time

07:00

Start Temperature

55

Start Cloud Cover

15

Start Wind Speed

2-4

End Time

11:30

End Temperature

72

End Cloud Cover

10

End Wind Speed

1-3

Construction Activity and Personnel

Nature's Image crew used hand tools to remove nonnative vegetation and dig holes for container plants 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

CASJ, CALT, SPTO, EUST, AMCR, HOFI, ACWO, BUSH, GREG, NOMO, MODO, BEWR, HOWR, California ground squirrel, desert 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, conducted sweep of DG-4. 0715, crew began digging holes and removing nonnative weeds. 1130, Lauren Simpson took over monitoring and biologist left for the 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

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: 09/30/2019 3:05 PM

Date

Sep 30, 2019

Monitor Name

Lauren Simpson

Are Additional Monitors Present?

No

List Additional Monitors Present

N/A

Start Time

11:10

Start Temperature

67

Start Cloud Cover

0

Start Wind Speed

1-3

End Time

13:40

End Temperature

68

End Cloud Cover

0

End Wind Speed

0-3

Construction Activity and Personnel

Nature's image. One crew planting container plants, one crew on irrigation installation, one crew clearing nonnatives

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

Lego, CALT, SPTO, MODO, oati, hofi, CASJ, BLPH, ACWO, NUWO, RSHA, RTHA, deju, 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

1110 took over rest monitoring from carley, monitored crew planting container plants, installing irrigation, removing nonnatives in DG4 and DG4A using hand tools. 1340 biologist left site. No bio issues observed

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, featuring a stylized, cursive script with a long horizontal flourish extending to the right.

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

Submitted to:

Ms. Victoria Tang
California Dept. of Fish & Wildlife/R5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Prepared for:

Mr. Tae Uk (Mark) Gim
Los Angeles County Public Works
Stormwater Engineering Division
900 S. Fremont Avenue
Alhambra, CA 91803

Prepared by:

ECORP Consulting, Inc.
215 North 5th Street
Redlands, CA 92374

January 22, 2020

CONTENTS

1.0	INTRODUCTION	1
1.1	Purpose	1
2.0	COVERED ACTIVITIES	1
2.1	Biological Monitoring	1
2.2	Project Activities	3
2.3	Habitat Restoration Activities.....	3
3.0	SATISFACTION OF ITP CONDITIONS	4
4.0	MITIGATION MONITORING AND REPORTING PROGRAM.....	5

LIST OF TABLES

Table 1. Monitors Onsite During Work Days.....	2
Table 2. Devil's Gate Mitigation Monitoring and Reporting Program.....	6

LIST OF APPENDICES

Appendix A: Construction Monitoring Logs

Appendix B: Habitat Restoration Monitoring Logs

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 (CNDDB) field data sheet and submitted to CDFW for inclusion into the CNDDB.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/01/18 - 11/27/18, 3/15/19 - 4/14/19	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>	Final Plans and Specifications; Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		11/06/2018 – 11/08/2018	Preconstruction bat surveys were conducted prior to the initiation of project activities in the fourth quarter of 2018. No surveys related to this measure were required during the 2019 fourth quarter reporting period.
<p>MM BIO – 6: Riversidean Alluvial Fan Sage Scrub habitat shall be restored and/or enhanced at a 1:1 ratio by acreage. LACFCD, with the help of professional restoration ecologists, will develop the means and methods of successful restoration and enhancement of this sensitive habitat. Measures to achieve not less than a 1:1 replacement, or no net loss, of Riversidean Alluvial Fan Sage Scrub shall include but not be limited to the following:</p> <ul style="list-style-type: none"> Conduct a vegetation survey within the impact area prior to commencement of vegetation removal activities to verify the impact acreage of Riversidean Alluvial Fan Sage Scrub. Identify and map the selected mitigation areas where Riversidean Alluvial Fan Sage Scrub will be enhanced or restored using aerial photographs. Priority for mitigation site locations shall be onsite, offsite within Arroyo Seco subwatershed, and offsite within the greater Los Angeles River watershed. Select offsite reference sites where Riversidean Alluvial Fan Sage Scrub is the established plant community. The reference sites will be used to establish the necessary performance standards to which the mitigation site will be measured. Performance standard parameters will include percent cover of native plant species, percent cover of nonnative and invasive plant species, and native plant species richness (number of different plant species). Prepare and implement a site-specific Habitat Restoration Plan that will result in the successful restoration and enhancement at the selected mitigation sites. The Habitat Restoration Plan, at a minimum, shall include guidelines and specifications for the following: 	Reservoir Management <ul style="list-style-type: none"> • Prepare Habitat Restoration Plan • Identify/Map Mitigation Sites • Install Plant Materials • Monitor Installation • Install Irrigation, if Necessary • Prepare As-Built Report • Conduct Maintenance • Prepare Monitoring Reports 	Reservoir Management <ul style="list-style-type: none"> • Identify Reference Sites • Conduct Qualitative and Quantitative Monitoring • Conduct Maintenance • Implement Adaptive Management Measures, if Necessary • Prepare Monitoring Reports • Prepare Annual Reports • Achieve Mitigation Site Sign- Off 	Los Angeles County Flood Control District	Less than significant		11/19/18 - ongoing	Restoration activities were continued during the 2019 fourth quarter reporting period.

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">○ Site-specific container plant (if applicable) and seed palettes,○ Irrigation plan,○ Nonnative and invasive plant species removal,○ Maintenance and monitoring schedule,○ Qualitative and quantitative monitoring methodologies,○ Selection criteria of reference sites,○ Performance standards of the mitigation sites,○ Monitoring reports and annual reports schedule,○ Mitigation long-term management plan, and○ Funding description for implementation and long-term management.● Prepare an as-built plan after the installation of the plant and seed materials has been completed to document the acreage of each restored or enhanced plant community on the mitigation sites and to show that not less than a 1:1 replacement of sensitive habitats has been achieved.● Quantitatively monitor the mitigation sites until the performance standards have been met and restoration and enhancement of not less than 1:1 replacement of Riversidean Alluvial Fan Sage Scrub has been achieved. <p>Implement adaptive management measures if, during monitoring, the mitigation sites do not demonstrate measurable progress toward achieving the necessary performance standards or if unforeseen circumstances damage the mitigation sites. Adaptive management measures will include but not be limited to:</p> <ul style="list-style-type: none">○ Correctively re-grade areas if hydrologic or other conditions negatively affect the mitigation sites,○ Add soil amendments if problem soils may be inhibiting plant growth,○ Replant if plant survival is low or to increase plant species cover or diversity,○ Install different plant species for plant species that are not surviving, and○ Close trails or install barriers if human-caused impacts are damaging the mitigation sites.● 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.							
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.	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Pre-Sediment Removal; Sediment Removal; Reservoir Management	Los Angeles County Flood Control District	Less than significant		10/02/2018 – 10/05/2018	Preconstruction tree surveys were conducted prior to the initiation of 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

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
<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

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 a stylized 'A' followed by a series of loops and a final upward stroke.

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 loops and a long horizontal stroke at the end.

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., SOSP, 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 strokes, positioned below the 'Signature' header.

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 a series of loops and a long horizontal stroke.

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

SignatureA handwritten signature in black ink, appearing to be 'C. M. D.' or similar, written in a cursive style.

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 'LeA' 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

A handwritten signature in black ink, appearing to be 'J. M. L.' or similar, written in a cursive style.

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, appearing to be 'L. A.' or similar, written in a cursive style.

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 a series of loops and curves.

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 stylized, cursive script.

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 stylized, cursive letter 'v' or 'w' followed by a horizontal line.

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 a series of loops and a long horizontal stroke at the end.

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 stylized, cursive script that begins with a large, looped initial and ends with a long, sweeping horizontal stroke.

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 'NDM' with a stylized flourish at the end.

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

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

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 be "By [unclear]".

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. M. Smith", written in a cursive style.

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]

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

A handwritten signature in black ink, consisting of a stylized 'S' followed by a checkmark-like stroke.

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

[Handwritten 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. S.', 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, appearing to read "Allen Soem". The signature is written in a cursive, flowing style with some loops and flourishes.

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, MOD0, 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

A handwritten signature in black ink, appearing to read "Adam Son".

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, MODO, 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

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, SOSP, 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. Adair'.

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 capital 'A' followed by a series of connected, wavy lines that trail off to the right.

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, SOSF, 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 strokes, appearing to be a stylized representation of a name.

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

SignatureA handwritten signature in black ink, appearing to read "M. San" or similar, with a stylized flourish 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 'C' followed by several loops and a long horizontal stroke.

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.

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

SignatureA handwritten signature in black ink, appearing to be "M. 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.

Phase 1 Mitigation Site As-Built Report

Phase 1 Mitigation Site As-Built Report

Devil's Gate Reservoir Restoration Project

City of Pasadena
Los Angeles County, California

Prepared for:

Los Angeles County Department of Public Works
900 South Fremont Avenue
Alhambra, CA 91803
Contact: Mr. Mark Gim

Prepared by:

ECORP Consulting, Inc.
2861 Pullman Street
Santa Ana, California 92705
Contact: Ms. Carley Lancaster

July 2, 2020



CONTENTS

1.0	INTRODUCTION	1
1.1	Project Location	1
2.0	MITIGATION REQUIREMENTS	4
3.0	SUMMARY OF HABITAT RESTORATION IMPLEMENTATION	4
3.1	Weed Abatement	5
3.2	Seeding	5
3.3	Container Plant Installation	10
3.4	Photo Documentation	13
4.0	COMPLIANCE WITH HABITAT RESTORATION PLAN	13
5.0	IMPLEMENTATION ACCEPTANCE	14
6.0	REFERENCES	15

LIST OF TABLES

Table 1. Summary of Seeding	7
Table 2. Summary of Container Planting	12
Table 3. Summary of Phase 1 Mitigation Areas	13

LIST OF FIGURES

Figure 1. Project Vicinity	2
Figure 2. Project Location	3
Figure 3. As-Built Habitat Restoration Areas	6

LIST OF APPENDICES

- Appendix A – Streambed Alteration Agreement No. 1600-2015-0263-R5
- Appendix B – Photo Documentation

LIST OF ACRONYMS AND ABBREVIATIONS

CDFW	California Department of Fish and Wildlife
HRP	Habitat Restoration Plan
LACPW	Los Angeles County Department of Public Works
LSAA	Lake and Streambed Alteration Agreement
N/A	Not Applicable
PLS	Pure Live Seed
PMA	Permanent Maintenance Area
Project	Devil's Gate Reservoir Restoration Project
RE	Restoration Ecologist

1.0 INTRODUCTION

The Los Angeles County Public Works (LACPW) completed Phase 1 of habitat restoration implementation for the Devil's Gate Reservoir Restoration Project (Project) on February 13, 2020. Habitat restoration is being implemented to comply with the compensatory mitigation requirements in Conditions 3.1, 3.2, and 3.5 of the Lake or Streambed Alteration Agreement (LSAA) (Notification No. 1600-2015-0263-R5 dated March 21, 2017) executed between the California Department of Fish and Wildlife (CDFW) and the Los Angeles County Flood Control District (LACFCD). Two amendments to the LSAA were issued by the CDFW in response to modifications to the boundaries of the Project (dated July 17, 2018) and to address the proposed offsite mitigation component (dated July 16, 2018). Implementation of habitat mitigation for Phase 1 was conducted in mitigation areas DG-1, DG-1 WOUS, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5. A small portion of Phase 1 mitigation areas DG-1, DG-3A, and DG-4 were included in the temporary impacts around the perimeter of the Project and will be restored following the completion of the side slopes configuration. A small portion of DG-3A is being used for staging construction equipment and will be restored following the completion of the Project. Implementation of habitat mitigation was conducted according to the Final Habitat Restoration Plan (HRP) for the Project (dated November 2018) which addresses the impact areas associated with the Project and the on-site compensatory mitigation areas at the Project site (ECORP 2018). According to the HRP, onsite compensatory mitigation will include the creation, restoration, and enhancement of native habitats with the purpose of providing quality habitat for an abundance of wildlife including the least Bell's vireo (*Vireo bellii pusillus*), which is listed as endangered under the Federal Endangered Species Act (ESA) and the California Endangered Species Act (CESA) (CDFW 2018). Per Condition 4.5 of the LSAA (Appendix A), a Mitigation Site As-Built Report shall be submitted to CDFW within 60 days of completing the initial restoration activities. This *Post-Implementation Mitigation Site As-Built Report* only addresses the Phase 1 restoration areas. Separate as-built reports will be prepared for the subsequent restoration phases for the Project.

The Project, which includes an initial removal of 1.7 million cubic yards (cy) of sediment to establish a Permanent Maintenance Area (PMA), will restore flood capacity and establish a reservoir management system to maintain the flood control capacity of the reservoir. Subsequently, annual maintenance and episodic maintenance will be conducted in the established PMA to remove accumulated sediment and to ensure continued flood control capacity. Removal of sediment will not occur outside of the boundaries of the PMA.

1.1 Project Location

The Project is located in the City of Pasadena (City) in Los Angeles County on the Pasadena United States Geological Survey (USGS) California 7.5' topographic quadrangle (Figure 1). More specifically, the Project is located within the upper portion of the Arroyo Seco Watershed within the City's Hahamongna Watershed Park (Figure 2). The Project site is located along an approximately 4,754-foot linear section of the Arroyo Seco drainage and alluvial fan, which is an area subject to change and disturbance due to erosion, runoff, and sediment movement. The elevation of the Project site ranges from approximately 985-feet above mean sea level (msl) behind the dam, to approximately 1,100-feet above msl at the northern end of the project.

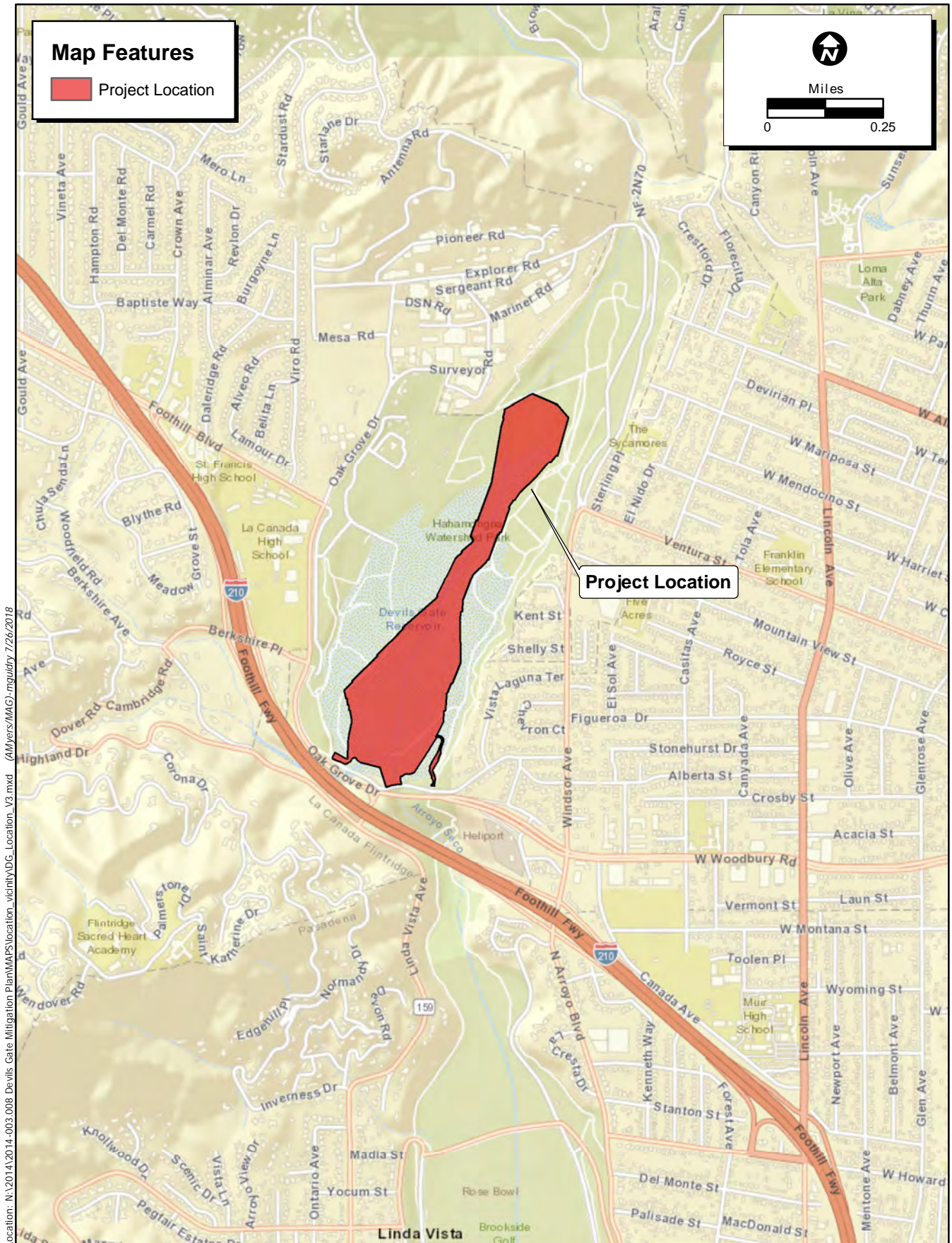


Figure 2. Project Location

2.0 MITIGATION REQUIREMENTS

The LSAA issued by the CDFW for the Project on March 21, 2017 provided a breakdown of the required onsite and offsite compensatory mitigation for permanent impacts (Condition 3.1) as well as the mitigation required for the temporary impacts of the Project (Condition 3.2). The LSAA amendment issued on July 17, 2018 provided a revision to the Project impacts that were based on a revised Project boundary and also revised Condition 3.1 to reflect modifications to the required onsite mitigation. LACPW is currently in the process of preparing an LSAA amendment application that will account for changes to the permitted Project boundary. The changes are a result of clearing that occurred outside of the permitted project boundary and are in response to a legal settlement that has yet to be finalized. The results of the legal settlement will likely be additional changes to the Project boundary and as a result, changes to the mitigation requirements, which will be addressed in future as-built reports.

The original design of the onsite mitigation for the Project, which is what this as-built report is based upon, included the creation, restoration, and enhancement of 69.94 acres subject to CDFW jurisdiction located outside of the PMA. The 69.94 acres of mitigation is required to compensate for permanent impacts to 41.98 acres of CDFW jurisdiction. The LSAA also requires mitigation for temporary impacts to 16.17 acres by delaying the impacts to these areas until the third year of sediment removal and replanting them within 24 months of the impacts. In addition, the Episodic Maintenance Area, or side slopes of the PMA, which encompasses 7.34 acres according to the original design, will be replanted with native vegetation, including shrub and annual species associated with riparian scrub and alluvial scrub vegetation communities. Allowing the side slopes of the Annual Maintenance Area to support native vegetation will provide additional compensatory mitigation by creating a riparian scrub buffer habitat between the areas that are actively managed in the annual maintenance area and the compensatory mitigation areas. The side slopes may be periodically affected by re-contouring if large sediment deposits bury portions of the side slopes. In this case, the sediment will be removed, and the side slopes will be re-contoured and allowed to naturally revegetate. Onsite compensatory mitigation will include invasive and nonnative weed abatement, planting with native container stock, planting pole cuttings for specific species, seeding with native seed material, and maintaining and monitoring each mitigation area for a period of five years for riparian areas and ten years for upland areas, or until all success criteria have been met.

3.0 SUMMARY OF HABITAT RESTORATION IMPLEMENTATION

Habitat restoration implementation was conducted by Nature's Image, with oversight by Carley Lancaster (Restoration Ecologist, ECORP Consulting, Inc. [ECORP]), Josh Corona-Bennett (Senior Restoration Ecologist, ECORP) and Mari Quillman (Biological Resources Program Manager, ECORP). Nature's Image is a subcontractor to ECORP. ECORP is the prime contractor to LACPW. Implementation of habitat restoration for Phase 1 was conducted in mitigation areas DG-1, DG-1 WOUS, DG-2A, DG-2B, DG-3A, DG-4, DG-4B, DG-4C, and DG-5. A total of six vegetation communities were included in the Phase 1 habitat restoration effort including Mulefat Thickets (*Baccharis salicifolia* Shrubland Alliance), Black Willow Thickets (*Salix gooddingii* Woodland Alliance), Coast Live Oak Woodland (*Quercus agrifolia* Woodland Alliance), California Buckwheat Scrub (*Eriogonum fasciculatum* Shrubland Alliance), Scale Broom Scrub

(*Lepidospartum squamatum* Shrubland Alliance), and California Sagebrush – California Buckwheat Scrub (*Artemisia californica*-*Eriogonum fasciculatum* Shrubland Alliance). Habitat restoration implementation commenced on November 19, 2018, and included nonnative and invasive plant removal and follow-up weed abatement efforts. Following the weed abatement efforts, soil ripping was conducted for mitigation area DG-5 to decompact the soil and prepare the area for container plant installation and seed application. Following initial weed abatement efforts and soil ripping, container plant installation and seed application commenced. Implementation for Phase 1 was completed on February 13, 2020. A description of the habitat restoration implementation is provided in the following sections.

3.1 Weed Abatement

Initial weed abatement activities commenced on November 19, 2018 and were completed on February 20, 2019. Follow-up weed abatement efforts commenced immediately following the completion of the initial weed abatement effort and have been ongoing for the Phase 1 mitigation areas. Pre-planting nonnative and invasive plant removal was conducted using a combination of hand-pulling, weed whips, and hula hoes. During the pre-planting weed removal efforts, all nonnative and invasive plant species that had gone to flower or seed were removed by hand or by using hand tools, placed on tarps, and disposed of in an onsite dumpster. Onsite dumpsters were picked up regularly and the nonnative and invasive plant materials were disposed of at an appropriate facility located outside of the Project site.

Herbicide application was employed for a brief period from February 22, 2019 to March 18, 2019; however, herbicide application was suspended due to public concerns and restrictions put in place by LACPW. The Los Angeles County Board of Supervisors placed a moratorium on use of glyphosate at all County facilities until further notice and the moratorium is currently still in place. During the brief period of herbicide application, only herbicide registered for aquatic use and approved for use in wetland habitat restoration by the regulatory agencies (i.e. Roundup Custom) was used. A blue marking dye was added to allow for the identification of areas sprayed. Species targeted during nonnative and invasive plant removal included wild oat (*Avena fatua*), black mustard (*Brassica nigra*) red brome (*Bromus madritensis ssp. rubens*), poison hemlock (*Conium maculatum*), red-stemmed filaree (*Erodium cicutarium*), foxtail barely (*Hordeum murinum*), perennial pepperweed (*Lepidium latifolium*), and horehound (*Marrubium vulgare*).

3.2 Seeding

Upon completion of the initial weed abatement effort, the seeding process, which consisted of broadcast seeding, commenced on April 4, 2019. Seed used for the Project was procured from S&S Seeds Inc. and only seed materials collected within the acceptable geographic regions described in Section 4.9 of the HRP was used. Broadcast seeding was completed using hand-crank spreaders or simply by-hand. Seed was applied evenly throughout each mitigation area and incorporated into the soil to a depth of approximately 0.5 inches using metal hand rakes. To the extent possible, seed was applied during the fall, winter, or other periods when sufficient rainfall was expected to occur. Approximately 713 pounds of seed was applied during Phase 1. Figure 3 shows the Phase 1 mitigation areas where seeding occurred. Table 1 provides a summary of the species and amounts of seed applied during Phase 1.

Table 1. Summary of Seeding					
Scientific Name	Common Name	PLS Lbs./Acre per HRP ¹	PLS Lbs./Acre Applied	Percent Purity	Percent Germination
Mulefat Thickets Seed Mix					
<i>Ambrosia psilostachya</i>	western ragweed	4	4	5	39
<i>Artemisia douglasiana</i>	mugwort	4	4	92	74
<i>Elymus triticoides</i>	beardless wild rye	4	4	95	67
<i>Urtica dioica</i> ssp. <i>holosericea</i>	hoary nettle	4	4	53	71
<i>Achillea millefolium</i>	yarrow	1	1	99	90
<i>Artemisia dracunculus</i>	tarragon	1	1	7	62
<i>Bromus carinatus</i>	California brome	1	1	98	94
<i>Calystegia macrostegia</i> ssp. <i>intermedia</i>	south coast morning glory	0.5	0.5	99	91
<i>Cirsium occidentale</i>	western thistle	1	1	No Test	No Test
<i>Elymus condensatus</i>	giant wild rye	1	1	93	90
<i>Epilobium canum</i>	California fuchsia	0.5	Not Available ²	N/A	N/A
<i>Eriodictyon parryi</i>	poodle-dog bush	0.5	0.5	48	10
<i>Eschscholzia californica</i>	California poppy	0.5	0.5	99	96
<i>Galium aparine</i>	Cleavers	0.5	0.5	98	28
<i>Gutierrezia californica</i> ⁴	matchweed	0.5	Source not Acceptible ³	N/A	N/A
<i>Lupinus bicolor</i>	bicolored lupine	0.5	0.5	99	94
<i>Lupinus truncata</i>	blunt-leaved lupine	0.5	Not Available ²	N/A	N/A
<i>Monardella breweri</i> ssp. <i>lanceolata</i>	mustang mint	0.5	Not Available ²	N/A	N/A
<i>Phacelia cicutaria</i>	caterpillar phacelia	0.5	0.5	99	51
<i>Phacelia distans</i>	common phacelia	0.5	0.5	99	78
<i>Phacelia minor</i>	wild Canterbury bells	0.5	0.5	99	53
<i>Phacelia parryi</i>	Parry's phacelia	0.5	Not Available ²	N/A	N/A
<i>Marah macrocarpa</i>	chilicothe	0.5	0.5	99	81
<i>Pseudognaphalium californicum</i> ⁴	California everlasting	0.5	Source not Acceptible ³	N/A	N/A
<i>Rumex hymenosepalus</i>	wild rhubarb	0.5	Not Available ²	N/A	N/A
<i>Vitis girdiana</i>	Southern wild grape	1	Not Available ²	N/A	N/A
Primary Seed Mix Total		30.0	25.5		

Table 1. Summary of Seeding					
Scientific Name	Common Name	PLS Lbs./Acre per HRP ¹	PLS Lbs./Acre Applied	Percent Purity	Percent Germination
Black Willow Thickets Seed Mix					
<i>Anemopsis californica</i>	yerba mansa	3	Not Available ²	N/A	N/A
<i>Artemisia douglasiana</i>	mugwort	5	Not Available ²	N/A	N/A
<i>Cyperus eragrostis</i>	tall flatsedge	3	3	83	60
<i>Elymus triticoides</i>	beardless wild rye	2	2	95	67
<i>Urtica dioica</i> ssp. <i>holosericea</i>	hoary nettle	3	3	53	71
<i>Achillea millefolium</i>	yarrow	1	1	99	90
<i>Artemisia dracunculus</i>	tarragon	1	1	7	62
<i>Bromus carinatus</i>	California brome	1	1	98	94
<i>Calystegia macrostegia</i> ssp. <i>intermedia</i>	south coast morning glory	0.5	0.5	99	91
<i>Cirsium occidentale</i>	western thistle	1	1	No Test	No Test
<i>Elymus condensatus</i>	giant wild rye	1	1	93	90
<i>Epilobium canum</i>	California fuchsia	0.5	Not Available ²	N/A	N/A
<i>Eriodictyon parryi</i>	poodle-dog bush	0.5	0.5	48	10
<i>Eschscholzia californica</i>	California poppy	0.5	0.5	99	96
<i>Galium aparine</i>	Cleavers	0.5	0.5	98	28
<i>Gutierrezia californica</i>	matchweed	0.5	Source not Acceptible ³	N/A	N/A
<i>Lupinus bicolor</i>	bicolored lupine	0.5	1.0	99	94
<i>Lupinus truncata</i>	blunt-leaved lupine	0.5	Not Available ²	N/A	N/A
<i>Monardella breweri</i> ssp. <i>lanceolata</i>	mustang mint	0.5	Not Available ²	N/A	N/A
<i>Phacelia cicutaria</i>	caterpillar phacelia	0.5	0.5	99	51
<i>Phacelia distans</i>	common phacelia	0.5	0.5	99	78
<i>Phacelia minor</i>	wild Canterbury bells	0.5	0.5	99	53
<i>Phacelia parryi</i>	Parry's phacelia	0.5	Not Available ²	N/A	N/A
<i>Marah macrocarpa</i>	chilicothe	0.5	0.5	99	81
<i>Pseudognaphalium californicum</i>	California everlasting	0.5	Source not Acceptible ³	N/A	N/A
<i>Rumex hymenosepalus</i>	wild rhubarb	0.5	Not Available ²	N/A	N/A
<i>Vitis girdiana</i>	Southern wild grape	1	Not Available ²	N/A	N/A
Black Willow Thickets Seed Mix Total		30.0	18.0		

Table 1. Summary of Seeding					
Scientific Name	Common Name	PLS Lbs./Acre per HRP ¹	PLS Lbs./Acre Applied	Percent Purity	Percent Germination
California Buckwheat Scrub/Scale Broom Scrub Seed Mix					
<i>Acmispon glaber</i>	deerweed	2	Not Available ²	N/A	N/A
<i>Artemisia californica</i>	California sagebrush	3	Source not Acceptible ³	N/A	N/A
<i>Eriogonum gracile</i>	slender buckwheat	3	Source not Acceptible ³	N/A	N/A
<i>Gutierrezia microcephala</i>	threadleaf snakeweed	2	Not Available ²	N/A	N/A
<i>Leymus condensatus</i>	giant wildrye	5	5	93	90
<i>Lupinus bicolor</i>	miniature lupine	4	4	99	94
<i>Nassella lepida</i>	foothill needlegrass	3	3	97	77
<i>Eriodictyon trichocalyx</i>	hairy yerba santa	2	Source not Acceptible ³	N/A	N/A
<i>Eriogonum fasciculatum</i>	California buckwheat	4	4	72	6
<i>Lepidospartum squamatum</i>	scale broom	2	2	18	65
California Buckwheat Scrub/Scale Broom Scrub Seed Mix Total		30.0	18.0		
Scale Broom Scrub/Mulefat Thickets Seed Mix					
<i>Acmispon glaber</i>	deerweed	2	Not Available ²	N/A	N/A
<i>Artemisia californica</i>	California sagebrush	2	Source not Acceptible ³	N/A	N/A
<i>Baccharis salicifolia</i>	mulefat	2	Not Available ²	N/A	N/A
<i>Croton californicus</i>	California croton	2	Not Available ²	N/A	N/A
<i>Eriodictyon trichocalyx</i>	hairy yerba santa	2	Source not Acceptible ³	N/A	N/A
<i>Eriogonum fasciculatum</i>	California buckwheat	4	4	72	6
<i>Eriogonum gracile</i>	slender buckwheat	5	Source not Acceptible ³	N/A	N/A
<i>Gutierrezia microcephala</i>	threadleaf snakeweed	3	Not Available ²	N/A	N/A
<i>Lepidospartum squamatum</i>	scale broom	3	3	18	65
<i>Senecio flaccidus</i>	threadleaf ragwort	2	Not Available ²	N/A	N/A
<i>Salvia mellifera</i>	black sage	3	Not Available ²	N/A	N/A
Scale Broom Scrub/Mulefat Thickets Seed Mix Total		31.0	7.0		

Table 1. Summary of Seeding					
Scientific Name	Common Name	PLS Lbs./Acre per HRP ¹	PLS Lbs./Acre Applied	Percent Purity	Percent Germination
California Sagebrush-California Buckwheat Scrub Seed Mix					
<i>Acmispon glaber</i>	deerweed	8	8	98	67
<i>Artemisia californica</i>	California sagebrush	3	Source not Acceptable ³	N/A	N/A
<i>Eriogonum gracile</i>	slender buckwheat	5	Source not Acceptable ³	N/A	N/A
<i>Gutierrezia microcephala</i>	threadleaf snakeweed	2	Not Available ²	N/A	N/A
<i>Leymus condensatus</i>	giant wildrye	6	6	93	90
<i>Lupinus bicolor</i>	miniature lupine	4	4	99	94
<i>Nassella lepida</i>	foothill needlegrass	3	3	97	77
California Sagebrush-California Buckwheat Seed Mix Total		31.0	21.0		

¹HRP – Habitat Restoration Plan²Not Available – Was not available for purchase from seed vendor.³Source not Acceptable – The collection location for specified seed was not ecologically appropriate for use.⁴Approximately .25 lbs of seed sourced from San Diego County applied to mitigation area DG-3A

PLS – Pure Live Seed

Lbs. – Pounds

N/A – Not Applicable

3.3 Container Plant Installation

The container plant installation process commenced on August 8, 2019 after completion of the initial weed abatement effort. Container plants used for the Project were procured from Tree of Life Nursery and Rancho Santa Ana Botanic Garden and only container plants grown from seed collected within the acceptable geographic regions described in Section 4.9 of the HRP were used. Prior to installation, all plant material was inspected by the Restoration Ecologist (RE) to ensure that container stock was healthy and did not show signs of having pests or disease. Container stock determined to be in poor condition was rejected by the RE.

Container plant installation followed the methods described in Section 4.11 of the HRP. Container plants were planted using standard horticultural practices. Planting holes for all container plants, except oak trees, were dug to a width twice the size of the root ball and to a depth slightly deeper than the depth of root ball so that the root crown was one inch below grade following installation. Oak trees were planted in a manner that the root crown was 0.5 to one inch above grade following installation (after soil settled following watering). Prior to installation, all plants were thoroughly watered in their containers and the soil in each of the planting holes was wetted with a minimum of one gallon of water. Planting holes were backfilled with native soil and irrigation basins were formed around the base of each planting. Basins were constructed to be a minimum of two feet wide and with a ridge no less than four inches. Rocks greater than two inches in diameter were removed to the extent possible from the backfill soil. Fertilizer was not added to backfill. Soil was tamped-in by hand to collapse air pockets in the backfill. All container plants

were irrigated with a minimum of one gallon of water immediately following installation and basin creation. Container plants were planted in ecologically appropriate locations throughout the site and as directed by the RE. Table 2 provides a summary of the species and numbers of container plants installed during Phase 1.

In addition to container plants being installed in the Phase 1 areas, willow and mulefat stakes were also collected and installed in DG-3A and DG-4. Willow and mulefat stakes were collected from suitable donor sites in the Arroyo Seco north of the Project site. Additional willow and mulefat stakes were collected from the mitigation areas where existing vegetation was dense enough to withstand stake collection. Willow and mulefat stake collection followed the methods described in Section 4.10 of the HRP. To ensure establishment success, cuttings were harvested from live, dormant plants (i.e., willows) in late fall and early winter before the buds started to break. Willow and mulefat stakes were approximately three to four feet long and from one to two-inch diameter at their base. A diagonal cut was made at the base of each stake and the top was cut horizontally to differentiate the rooting end from the above ground end to aid in installation. Lateral branches were also removed during harvesting. The willow stakes were stored (no longer than two weeks) in buckets filled with water and in a cool shaded location until they were ready for planting. Immediately prior to installation, the stakes were dipped in a rooting hormone and then installed in pre-watered holes approximately two feet deep or with more than half of the cutting underground. The holes were backfilled and the soil around the stake tamped-in to ensure good soil to stem contact and no air pockets. The willow stakes were watered immediately following installation. All cuttings were provided with an emitter from the irrigation system. Table 2 provides a summary of the species and numbers of stakes installed during Phase 1.

In addition to the container plant and the stake installation for Phase 1, a total of 300 coast live oak (*Quercus agrifolia*) acorns were installed by ECORP in mitigation areas DG-2A and DG-3A. The coast live oak acorns were procured from Psomas and were collected within the Lower Arroyo Seco (between SR-134 and South Pasadena border) and public rights-of-way (i.e., streets/gutters) in the cities of Arcadia, Monrovia, Pasadena, and Sierra Madre. Acorns were planted approximately 2-inches below the surface of the soil and a small basin was formed around each planted acorn. Acorns were installed in November of 2018 when sufficient rainfall was expected to occur. Acorns were not provided with an emitter from the irrigation system. Table 2 provides a summary of the number of acorns installed during Phase 1.

Table 2. Summary of Container Planting

Scientific Name	Common Name	DG-									TOTAL
		2A	2B	3A (Oak Woodland)	3A (Mulefat Thickets)	4 (CSS ¹)	4 (Riparian ²)	4B	4C	5	
<i>Acmispon glaber</i>	Deerweed					102					102
<i>Artemisia californica</i>	California Sagebrush	10	38			306					354
<i>Artemisia douglasiana</i>	Mugwort				33		617	54	45	26	775
<i>Baccharis pilularis</i>	Coyote brush	10	38		33		504	54	45	26	710
<i>Baccharis salicifolia</i>	mulefat	25	95				1113	135	114	64	1546
<i>Baccharis salicifolia</i>	mulefat (cuttings)				84		916				1000
<i>Encelia californica</i>	California brittlebush					102					102
<i>Eriogonum fasciculatum</i>	California buckwheat					306					306
<i>Isocoma menziesii</i>	Menzies goldenbush					41					41
<i>Juncus rugulosus</i>	Wrinkled rush						200				200
<i>Juncus textilis</i>	Basket rush						100				100
<i>Malosma laurina</i>	Laurel sumac					61					61
<i>Melica imperfecta</i>	California melic			20							20
<i>Opuntia littoralis</i>	Coastal prickly pear					41					41
<i>Populus fremontii</i>	Fremont's cottonwood	10	38		33		479	54	45	27	686
<i>Quercus agrifolia</i>	Coast live oak			174							174
<i>Quercus agrifolia</i>	Coast live oak (acorns)	25		275							300
<i>Ribes californicum</i>	California gooseberry			50							50
<i>Rosa californica</i>	California rose	10	38	44	33		725	54	45	26	975
<i>Rubus ursinus</i>	California blackberry	10	38		33		619	54	45	26	825
<i>Salix gooddingii</i>	Black willow	20	76				876	108	90	52	1222
<i>Salix gooddingii</i>	Black willow (cuttings)				67		933				1000
<i>Salix laevigata</i>	Red willow	10	38		33		439	54	45	26	645
<i>Salix lasiolepis</i>	Arroyo willow	10	38				438	54	45	26	611
<i>Salix lasiolepis</i>	Arroyo willow (cuttings)				33		967				1000
<i>Salvia mellifera</i>	Black sage					102					102
<i>Sambucus nigra ssp. caerulea</i>	Black elderberry	5	19		17		594	27	23	13	698
Total		145	456	563	399	1061	9520	648	542	312	13646

¹CSS = *Artemisia californica*-*Eriogonum fasciculatum* Shrubland Alliance²Riparian = *Baccharis salicifolia* Shrubland Alliance and *Salix gooddingii* Woodland Alliance

3.4 Photo Documentation

Digital photographs were taken during key steps of the implementation process. Relevant photos are provided as Appendix B.

4.0 COMPLIANCE WITH HABITAT RESTORATION PLAN

During the implementation process, few deviations from the HRP were required. Minor deviations, including species additions to the planting palette and seeding outside of the fall and winter seasons, did occur during the implementation process. All additions to the planting palette were approved by CDFW prior to being used for the restoration effort and seeding outside of the fall and winter months only occurred when sufficient rainfall was forecasted. In addition, a small amount of seed from two species sourced from San Diego County, California everlasting (*Pseudognaphalium californicum*) and matchweed (*Gutierrezia californica*), was applied in DG-3A. The onsite RE recognized those two species as being sourced outside of the allowable geographic range noted in the HRP and immediately suspended the seeding activities until the seed mix was revised. Certain species were not available at the time the seed order was placed, or the collection source was unacceptable; however, the HRP discusses the fact that not all of the species may be available at the time of implementation. Table 3 provides a summary of the Phase 1 mitigation areas, associated acreages, and associated vegetation communities.

Table 3. Summary of Phase 1 Mitigation Areas				
Restoration Area	Area Restored During Phase 1 (Acres)	Temporary Impacts Around Perimeter (Acres) ¹	Total Acres	Vegetation Communities
DG-1 (seeding only)	4.48	0.27	4.75	<i>Eriogonum fasciculatum</i> Shrubland Alliance / <i>Lepidospartum squamatum</i> Shrubland Alliance
DG-1 WOUS (seeding only)	0.11	0.00	0.11	<i>Lepidospartum squamatum</i> Shrubland Alliance/ <i>Baccharis salicifolia</i> Shrubland Alliance
DG-2A	0.10	0.00	0.10	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-2B	0.38	0.00	0.38	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-3A	0.92	0.23 ²	1.15	<i>Quercus agrifolia</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-4	26.64	0.37	27.01	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance <i>Artemisia californica</i> - <i>Eriogonum fasciculatum</i> Shrubland Alliance
DG-4B	0.54	0.00	0.54	<i>Baccharis salicifolia</i> Shrubland Alliance
DG-4C	0.45	0.00	0.45	<i>Salix gooddingii</i> Woodland Alliance <i>Baccharis salicifolia</i> Shrubland Alliance
DG-5	0.26	0.00	0.26	<i>Salix gooddingii</i> Woodland Alliance
Total Acres			34.75	

¹ These areas will be restored following the completion of the side slopes configuration

² This includes 0.03 acres of temporary impact areas around the perimeter and 0.20 acres of staging areas that will be restored following Project completion.

5.0 IMPLEMENTATION ACCEPTANCE

The Phase 1 mitigation sites will be maintained and monitored for a period of five years for the riparian areas and 10 years for the upland areas, or until the performance standards outlined in the HRP are achieved and CDFW determines the site is successful. Habitat restoration implementation for Phase 1 of the Project was completed on February 13, 2020; therefore, the five-year maintenance and monitoring period for Phase 1 commenced on February 13, 2020 and the assumed end dates will be February 13, 2025 for the riparian areas and February 13, 2030 for the upland areas. Per the HRP, a total of 34.64 acres of onsite mitigation has been installed and will be monitored until the areas meet the performance standards to achieve the mitigation requirement for the Phase 1 restoration areas.

The temporary impact areas around the perimeter of the Project site, associated with mitigation sites DG-1, DG-3A, and DG-4, will be restored following the completion of the side slopes configuration. The portion of DG-3A currently being used for staging construction equipment will be restored following Project completion. The remaining mitigation areas for the Project will be restored during Phases 2 and 3 of restoration implementation. These include mitigation areas that require earthwork and grading prior to planting and seeding (i.e., DG-W-1 and DG-W-2) and mitigation areas that require the implementation of a grow and kill program (i.e., DG-4A) as outlined in Section 4.4.1 of the HRP.

6.0 REFERENCES

CDFW. 2018. Amendment of Lake or Streambed Alteration Agreement for the Devil's Gate Sediment Removal and Management Project (Notification No. 1600-2015-0263-R5). Permittee: Los Angeles County Department of Public Works. July 17, 2018.

_____. 2017. Lake or Streambed Alteration Agreement for the Devil's Gate Sediment Removal and Management Project (Notification No. 1600-2015-0263-R5). Permittee: Los Angeles County Department of Public Works. March 21, 2017.

ECORP Consulting, Inc. 2018. *Devil's Gate Sediment Removal and Management Project Final Habitat Restoration Plan*.

LIST OF APPENDICES

Appendix A – Streambed Alteration Agreement No. 1600-2015-0263-R5

Appendix B – Photo Documentation

Streambed Alteration Agreement No. 1600-2015-0263-R5



MARK PESTRELLA, Director

COUNTY OF LOS ANGELES

DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

900 SOUTH FREMONT AVENUE
ALHAMBRA, CALIFORNIA 91803-1331
Telephone: (626) 458-5100
<http://dpw.lacounty.gov>

ADDRESS ALL CORRESPONDENCE TO:
P.O. BOX 1460
ALHAMBRA, CALIFORNIA 91802-1460

July 17, 2018

IN REPLY PLEASE
REFER TO FILE: **SWE-5**

Mr. Ed Pert, Regional Manager
Streambed Alteration Program
California Department of Fish and Wildlife, Region 5
4665 Lampson Avenue, Suite C
Los Alamitos, CA 90720

Attention Ms. Erinn Wilson

Dear Mr. Pert:

**DEVIL'S GATE RESERVOIR SEDIMENT REMOVAL AND MANAGEMENT PROJECT
AMENDMENT OF STREAMBED ALTERATION AGREEMENT
NOTIFICATION NO. 1600-2015-0263-R5**

Enclosed are two original signed copies of the Amendment of Lake or Streambed Alteration Agreement. We appreciate your collaboration on this important project and look forward to continued work with you.

If you have any questions, please contact Mr. George De La O at (626) 458-7155 or gdelao@dpw.lacounty.gov.

Very truly yours,

MARK PESTRELLA
Director of Public Works

CHRISTOPHER STONE
Assistant Deputy Director
Stormwater Engineering Division

VM:vt

P:\wrd\SEDIMENT\PROJECTS\RESERVOIRS\DEVIL'S GATE\Permits\CDFW\DG CDFW SAA Amend 2 Letter 20180713.doc

Enc.



State of California – Natural Resources Agency
DEPARTMENT OF FISH AND WILDLIFE
South Coast Region
3883 Ruffin Road
San Diego, CA 92123
(858) 636-3160
www.wildlife.ca.gov

EDMUND G. BROWN, Jr., Governor
CHARLTON H. BONHAM, Director



July 17, 2018

Christopher Stone
Los Angeles County Flood Control District
900 S. Fremont Ave.
Alhambra, CA 91803
CSTONE@dpw.lacounty.gov

Dear Mr. Stone:

**Amendment of Lake or Streambed Alteration, Notification No. 1600-2015-0263-R5,
Devil's Gate Dam Sediment Removal and Management Project**

On March 21, 2017 the California Department of Fish and Wildlife (CDFW) executed the Final Streambed Alteration Agreement 1600-2015-0263-R5 (Agreement) for the Devil's Gate Sediment Removal and Management Project (Project). On May 17, 2017 a Peremptory Writ of Mandate was issued by the California Superior Court (Los Angeles County) regarding the environmental impact report relied upon by the Los Angeles County Flood Control District (Lead Agency) under California Environmental Quality Act (CEQA, SCH 2011091084) and a Recirculated Final Environmental Impact Report (RFEIR) was required by the court. CDFW, as a CEQA responsible agency, relied on the Lead Agency's environmental impact report to issue the Agreement. The Recirculated portions of the RFEIR was circulated for public and agency review and comment from July 24, 2017 to September 18, 2017 and recertified by Lead Agency on November 7, 2017. The CDFW received notice on December 6, 2017 of the Order Discharging Peremptory Writ of Mandate (Discharged Writ) for the matters before the Los Angeles County Superior Court related to the RFEIR.

The Discharged Writ was issued because the Court found that the RFEIR disclosure, analysis, and revision of mitigation measures complied with the Peremptory Writ of Mandate that the Final EIR for the Project, for Alternative 3, Configuration D (Approved Project), and for Alternative 5 (Haul Route Alternative) related to: 1) the 1:1 mitigation ratios in Mitigation Measures BIO-6, -7, and -8; 2) the imposition of Mitigation Measures BIO-1 through 8 on the proposed Devil's Gate Water Conservation Project, should such a project go forward, to reduce potential cumulative impacts for this Project; and 3) the requirement, in Mitigation Measure AQ-1, that sediment removal dump trucks meet Environmental Protection Agency's emission standards for Model Year 2010 or later.

The CDFW under its sole discretion has decided to amend the Agreement (see page 39 "Amendment") to reflect changes to the environmental impact report that appear in the RFEIR. CDFW hereby amends the Agreement with addition and revision of the

Conserving California's Wildlife Since 1870

following conditions (insertions in **bold underline**, deletions in ~~red-strikeout~~ type face). All other conditions in the Agreement remain in effect unless otherwise noted herein

Page 3 of 49

Initial Sediment Removal Area. The ~~68.63~~ **65.56** acre area where the initial excavation of sediment and debris will occur.

Permanent Maintenance Area. The ~~51.78~~ **49.39** acre area to be maintained for flood capacity. This includes the Routine Annual Maintenance Area and the Episodic Maintenance Area.

Routine Annual Maintenance Area. The ~~40.80~~ **42.05** acre area where annual maintenance of the facility will occur (see Exhibit B).

Episodic Maintenance Area. The ~~10.98~~ **7.34** acre area side slope proposed at 3:1 (V:H) grade (see Exhibit B). where occasional maintenance will occur. This area is within the Permanent Maintenance Area, abuts Routine Annual Maintenance Area and forms transitional habitat with Habitat Restoration Area.

Habitat Restoration Area. The 77.01 acre area in the reservoir subject to minor land alteration, vegetation management, and planting of native plants. This area is outside the Permanent Maintenance Area (See Exhibit E).

Sediment Removal Program

This phase of project is limited to the restoration of a public facility, through excavation within the ~~68.63~~ **65.56**-acre Initial Sediment Removal Area (see Exhibit B, Work Plan Map) and transition to long term Permanent Maintenance Area, composed of a total of ~~51.78~~ **49.39** acres that consists of ~~40.8~~ **42.05** acres for Routine Annual Maintenance, and ~~10.98~~ **7.34** acres for Episodic Maintenance Areas for the term of this Agreement. Sediment removal will not involve expansion of use beyond that of the designed facility. The proposed initial excavation is to mechanically remove ~~2.41~~ **7** Million Cubic Yards (MCY) of post-fire debris from the Initial Sediment Removal Area within Devil's Gate Reservoir. The location of the Initial Sediment Removal Area was selected to maximize the efficient removal of post-fire debris while at the same time, avoid and minimize sensitive habitats and sensitive species impacts. Sediment levels behind Devil's Gate Dam will be brought down to 986 feet above mean sea level (msl) to eliminate the threat to the dam outlet works and comply with standards as set by the State Water Resources Division of Safety of Dams (DSOD). The Initial Sediment Removal Area will then slope upwards to ~~995~~ **1,000** feet above msl where the basin will constrict and increase in elevation to 1,040 feet above msl, and widen again to meet final elevation of 1,060 feet above msl approximately ~~4,700~~ **4,788** linear feet upstream from the dam. Devil's Gate Reservoir is routinely drained after every storm; therefore, it will not be

necessary to drain the facility for non-routine activities.

Page 4 of 49, 4th paragraph

The ~~2-4~~ 1.7 MCY of sediment and debris in the ~~68-63~~ 65.56-acres Initial Sediment Removal Area includes established native and non-native vegetation that will be removed. Vegetation and organic debris will be separated from the sediment and hauled to Scholl Canyon Landfill in the City of Glendale. Project Start is estimated to take place in the Fall of ~~2017~~ 2018. In subsequent years of sediment removal, vegetation and organic debris will be hauled to Scholl Canyon Landfill.

Page 4 of 49, 6th paragraph

Permanent Maintenance Program

Once excavation is complete for this project, annual maintenance of the facility will occur within the ~~40-80~~ 42.05 acre Routine Annual Maintenance Area (see Exhibit B). Vegetation management and sediment removal within the ~~40-80~~ 42.05 acre Routine Annual Maintenance Area will occur for the life of this Agreement. Excavation over the lifetime of the project within the ~~40-80~~ 42.05 acre Routine Annual Maintenance Area will be hauled to disposal sites previously authorized by Permittee (see Figures 2.5-2,-3-4 from Final Environmental Impact Report). Trucks hauling sediment will access the reservoir from an existing maintenance road east of Devil's Gate Dam and exit via a proposed upgraded access road on the western edge of Devil's Gate Dam that will exit on to Oak Grove Drive (see Exhibit A). Vegetation within the Routine Annual Maintenance Area will be mowed or grubbed annually over a 2 to 12 week period in late summer or early fall.

Page 5 of 49, 2nd paragraph

Episodic Maintenance within the ~~10-98~~ 7.34 acre (horizontal projection) Episodic Maintenance Area will initially include planting with appropriate native plants and thereafter annual undesirable plant control (using herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches). In the event of a large debris flow or hyper concentrated flood³ Episodic Maintenance would involve the need for sediment excavation/trucking off site. The types of equipment involved in excavation may include those similar to the initial sediment removal phase including, but not limited to, front loaders with four-yard buckets, bulldozers, excavator, grader, water truck, and tender trucks. Vehicles expected to be used for sediment

³ **Debris flow:** A mix of water and debris, which may include particles ranging in size from clay to boulders and may contain woody debris and other materials, that flows down a stream channel or steep slope, sometimes at great velocity, and contains more than 60 percent debris (less than 40 percent water) by volume. **Hyper-concentrated flood:** A moving mixture of sediment and water containing between 20 and 60 percent sediment by volume.

hauling include double dump trucks with an 18 cubic yard (CY) capacity or equivalent.

Page 5 of 49, 3rd paragraph

After Episodic Maintenance the side slopes would be returned to the proposed 3:1 (V:H) grade, and the ~~10-98~~ **7 34** acre area will be subject to the continuing annual undesirable plant control. Because this area is restricted from a general right of public access, and will be subject to undesirable plant control, it is anticipated to be revegetated naturally after periodic large debris flow or hyper concentrated floods.

Page 6 of 49, 6th paragraph

Native Plants: Nevin's barberry (*Berberis nevinii*), Plummer's mariposa lily (*Calochortus plummerae*), Greata's aster (*Symphyotrichum gretae*), Parry's spineflower (*Chorizanthe parryi* var. *parryi*), slenderhorned spineflower (*Dodecahema leptoceras*), mesa horkelia (*Horkelia cuneata* ssp. *puberula*), white rabbit-tobacco (*Pseudognaphalium leucocephalum*), Parish's gooseberry (*Ribes divaricatum* var. *parishii*), black willow thickets, mulefat thickets, riparian herbaceous, coast live oak woodland, scale broom scrub, and all other aquatic and wildlife resources in the area, including the riparian vegetation which provides habitat for such species in the area. These resources are further detailed and more particularly described in the document(s): "Devil's Gate Reservoir Sediment Removal and Management Project Final Environmental Impact Report " dated October 2014, prepared for Los Angeles County of Department of Public Works by Chambers Group; **Biological Technical Report (November 2010), Final Sediment Transport Capacity Analysis (January 2013), and the Noise and Traffic Reports (September & October 2013, respectively), Recirculated EIR for the Project and response to comments (July and October 2017, respectively), Revised Board Motion (November 7, 2017), Notice of Determination for Recirculated Final Environmental Impact Report, Order Discharging Peremptory Writ of Mandate (December 5, 2017),** " Lake and Streambed Alteration Notification Package - Devil's Gate Dam and Reservoir Sediment Removal Project" dated December 11, 2015, prepared for CDFW by Permittee complete with all attachments and exhibits, Revised vegetation mapping and impact analysis for Devil's Gate Dam and Sediment Removal Project dated May 19, 2016 by ECORP Consulting, Inc., revised assessment of temporary impact areas and incorporation of Episodic Maintenance area dated May 5, 2016.

Page 7 of 49, 1st paragraph

Project Impacts

The adverse effects the project could have on the fish or wildlife resources identified above include a total of ~~68-63~~ **65.56** acres subject to Department jurisdiction to implement the Initial Sediment Removal After Initial Sediment Removal ~~51-78~~ **49.39** acres will be maintained for flood capacity through Routine Annual Maintenance and Episodic Maintenance (see above). Additionally, in order to implement compensatory

mitigation for the project, 77.01 acres subject to the Department's jurisdiction outside the Permanent Maintenance Area, will be subject to minor surface alteration of the land, vegetation management, and application of herbicides. The following impacts would occur to vegetation communities within the ~~68.63~~ **65.56** acres necessary for Initial Sediment Removal.

Page 7 of 49, 2nd paragraph

Total Permanent Project Impacts

Permanent impacts to ~~40.80~~ **42.05** acres of vegetation communities and land cover classifications from initial sediment removal include the removal of ~~16.27~~ **15.64** acres of *Salix gooddingii* Alliance (black willow thickets), ~~1.82~~ **1.97** acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), ~~8.03~~ **7.1** acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), ~~9.88~~ **10.24** acre *Lepidium latifolium*-*Conium maculatum* herbaceous semi-natural stand, ~~2.45~~ **2.61** acre *Conium maculatum* herbaceous semi-natural stand, ~~2.33~~ **1.80** acres non-native or disturbed (including ~~1.00~~ **0.67** acre *Xanthium strumarium* herbaceous stand, ~~1.33~~ **1.13** acres disturbed (trails/barren/IMP Area)), ~~0.02~~ **0.01** acre *Artemisia californica*-*Eriogonum fasciculatum* California sagebrush-California buckwheat scrub. Additionally, there are expected permanent impacts to individual California live oak trees (*Quercus agrifolia*) in an area of approximately 0.06 acre. The impacts ~~that~~ vary from direct impacts, resulting in complete removal to a limited number of individual trees, and indirect impacts to individual **trees that are located in close proximity to areas where direct impacts will occur.** The indirect impacts are undetermined at this time because the area's hilly topography may not result in any significant effect or project disturbances may be avoided all together based on project design modifications. ~~made from incorporating Measures to avoidance~~ **impacts to** ~~of~~ oak trees **will be identified following the completion of the** ~~in-tree monitoring report survey that is~~ required prior to **the start of the** Project ~~start~~

Page 7 of 49, 3rd paragraph

Total Temporary Project Impacts

Temporary impacts to ~~27.83~~ **23.52** acres subject to Department jurisdiction consisting of vegetation communities and land cover classifications will occur from Initial Sediment Removal, worksite access, and installation of side-slopes in Episodic Maintenance Area. These areas contain ~~12.70~~ **13.16** acres *Lepidospartum squamatum* Alliance (Scalebroom scrub), ~~5.89~~ **4.65** acres of *Salix gooddingii* Alliance (black willow thickets), ~~3.41~~ **2.11** acres *Baccharis salicifolia* shrubland Alliance (mulefat thickets), ~~1.97~~ **0.06** acres disturbed (trails/barren/IMP Area), ~~1.24~~ **0.72** acre *Lepidium latifolium*-*Conium maculatum* herbaceous semi-natural stand, ~~1.70~~ **1.19** acres *Conium maculatum* herbaceous semi-natural stand, ~~0.50~~ **0.7** acre *Xanthium strumarium* herbaceous stand, ~~0.20~~ **0.7** acre *Quercus agrifolia* coast live oak (trees), ~~0.07 acre Eucalyptus (globulus, camaldulensis) Semi-natural stand,~~ **0.08** **12** acre *Artemisia californica*-*Eriogonum fasciculatum* California sagebrush-California buckwheat scrub.

The following Conditions have been added or amended:

1.11 The Permittee shall fully implement all mitigation measures identified in the Final Environmental Impact Report (FEIR) and as revised by Recirculated FEIR (RFEIR). All Conditions, Studies, and mitigation measures relating to biological resources identified in the FEIR and RFEIR shall be enforceable by CDFW as terms of this Agreement.

- 2.1 Work Period. Initial Vegetation Removal work within the Initial Sediment Removal Area shall be confined to the period starting September 15 to February 1, in the year(s) of ~~2017~~**2018** to ~~2019~~ **2020**, unless otherwise requested by Permittee and approved by CDFW in writing. Excavation shall be confined to April 15 to December 31 Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time. Routine Annual Maintenance or Episodic Maintenance work involving vegetation management and/or excavation is specifically addressed in Conditions 2.40 to 2.72 below.
- 2.41 Permittee shall implement Routine Annual and Episodic Maintenance in conformance with the Project Description and the following Conditions in this Agreement. The Permittee shall remove all human generated debris, such as cuttings, garbage and trash. The Permittee shall remove washed out culverts, and other construction materials, that the Permittee places within, or where they may enter the stream. Routine Annual Maintenance activities shall be limited to the inspection, routine maintenance (e.g., fence repair, minor maintenance of access roads, graffiti removal, trash removal, weed abatement, etc.) sediment removal, and vegetation management (annually) within the approved Routine Annual Maintenance Area (~~40.80~~ **42.05** acres) footprint. Vegetation may be mowed annually and when necessary for capacity reasons the root zone may be grubbed. Sediment removal may be implemented by: 1) sediment excavation and hauling off site; and 2) Flow-Assisted Sediment Transport (FAST). Episodic Maintenance within the ~~10.98~~ **7.34** acre (horizontal projection) side slope area may include annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (e.g., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood sediment excavation/trucking off site. If additional major maintenance/repair work is required a separate Agreement is required for said repairs.
- 2.42 Work Period. Vegetation Management work shall be confined to September 15 to February 1 starting approximately in ~~2023~~**2024** until ~~2037~~ **2038**. The general days and hours of the week that Permittee should conduct Routine Annual Maintenance is Monday through Friday from 0700 to 1800 hours Standard Time (1900 hours during Daylight Savings Time), and on Saturday between 0800 to 1700 hours during Standard and Daylight Savings Time.

Table 3.0 Compensatory Mitigation [Permanent] Requirements for Creation and Restoration

IMPACTS TO VEGETATION COMMUNITIES	COMPENSATORY MITIGATION REQUIREMENT			
	PERMANENT IMPACTS	Creation	Restoration	Total
<i>Salix gooddingii</i> Woodland Alliance	16.27 15.64	16.27 15.64	22.34 21.44	38.58 37.08
<i>Baccharis saltifolia</i> Shrubland Alliance	8.03 9.71	8.03 9.71	4.83 5.84	12.86 15.55
<i>Lepidospartum squamatum</i> Shrubland Alliance	1.82 1.97	1.82 1.97	7.28 7.88	9.19 8.5
<i>Artemisia californica</i> - <i>Eriogonum fasciculatum</i> Shrubland Alliance	0.02 0.01	0.02 0.01	0.04 0.02	0.06 0.03
<i>Conium maculatum</i> Herbaceous Semi-Natural Alliance*	2.45 2.61	0.00	1.23 1.31	1.23 1.31
<i>Lepidium latifolium</i> - <i>Conium maculatum</i> Herbaceous Semi-Natural Alliance*	9.88 10.24	0.00	4.94 5.12	4.94 5.12
<i>Xanthium strumarium</i> Herbaceous Alliance (Unofficial Alliance)	1.00 0.67	0.00	1.50 1.00	1.50 1.00
Disturbed/Developed	1.33 1.13	0.00	0.00	0.00
TOTAL COMPENSATORY MITIGATION REQUIRED		26.14 27.33	42.13 42.61	68.27 69.94
TOTAL PERMANENT IMPACTS		40.80 41.98		

3.2 Mitigation for Temporary Impacts. The total of ~~27.83~~ **23.52** acres of temporary impacts, described in detail in the Project Description, shall be established and maintained pursuant to the following requirements:

a. The Permittee shall mitigate the temporary impacts to ~~16.85~~ **17** acres of vegetation and habitat communities located in restoration areas designated (DG3B, DG 7, DG 8, DG 9, See Exhibit E) by delaying impacts to temporary impact areas until 3rd year of sediment removal project and implement restoration pursuant to Habitat Restoration Plan (see Condition 3.9, below) with 24 months of impacts (see Condition 3.5), and maintained pursuant to Habitat Management Plan (see Condition 3.10).

b. The ~~10.98~~ **7.34** acre (horizontal projection, see Exhibit B) Episodic Maintenance Area will include initially planting with appropriate native plants and thereafter annual undesirable plant control (including herbicides, hand tools, and mechanically operated hand tools (i.e., chainsaws and motor powered winches), and in the event of a large debris flow or hyper concentrated flood Episodic Maintenance would involve the need for sediment excavation/trucking offsite. After Episodic Maintenance the side slopes would be returned to proposed 3:1 (V:H) grade, and the ~~10.98~~ **7.34** acre area will be subject to the continuing annual undesirable plant control.

3.4 Establish Permanent Cross-Section. Permittee shall establish single cross section, established by monument, at upstream limit of Permanent Maintenance Area to document condition and be comparable overtime. The annual monitoring of cross section should be conducted immediately following the high flow season

and include the physical measurements of the site, photos from a fixed photographic station, and if applicable results from interviews with local persons, Permittee, or Permittee's assignees that had important observations. The cross-section and photographic station shall be monitored and reported to CDFW according to the following sub-measures.

- a. Initial Monitoring. Permittee shall monitor cross section annually for the first 5 years following Initial Sediment Removal, estimated at ~~2-4~~ **17** mcy plus any additional annual deposits, and as soon as feasible after the first major high flow event. If major high flow event occurs in the first 5 years of monitoring then frequency of future monitoring will be adjusted by CDFW based on consultation with Permittee. Monitoring frequency adjustments shall be based on results of annual monitoring and high flow observations.
- b. Long-term Monitoring. Permittee shall monitor cross section every once every 5 years and immediately after a major high flow event for the duration of this Agreement.

Page 36 of 49

TERM

This Agreement shall expire on ~~March 31, 2037~~ **June 31, 2038**, unless it is terminated or extended before then. All provisions in the Agreement shall remain in force throughout its term. Permittee shall remain responsible for implementing any provisions specified herein to protect fish and wildlife resources after the Agreement expires or is terminated, as FGC section 1605(a)(2) requires.

Please sign and return two copies of this letter to acknowledge the amendment. The amendment becomes valid once the letter is signed by CDFW. Copies of the Agreement and this amendment must be readily available at project worksites and must be presented when requested by a CDFW representative or agency with inspection authority.

If you have any questions regarding this letter, please contact Steve Gibson, Senior Environmental Scientist (Specialist) at (562) 342-2106 or by email at steve.gibson@wildlife.ca.gov.

Mr. Christopher Stone
July 17, 2018
Page 9 of 9

Sincerely,

Erinn Wilson, Environmental Program Manager

ec: Veronica Mardis, LACFCD vmardis@dpw.lacounty.gov

ACKNOWLEDGEMENT

I hereby agree to the above-referenced amendment.

Print Name: Christopher Stone

Date: July 17, 2018

Signature: Christopher Stone

APPENDIX B

Photo Documentation

Attachment B – Photo Documentation



Photo 7. Overview Phase 1 Container Plant Installation, facing south.



Photo 8. Overview Phase 1 Container Plant Installation, facing east.

Attachment B – Photo Documentation



Photo 9. Overview Phase 1 Container Plant Installation, facing west.



Photo 10. Overview Phase 1 Container Plant Installation, facing southeast.

Attachment B – Photo Documentation



Photo 11. Overview Phase 1 Container Plant Installation, facing southeast.



Photo 12. Overview Phase 1 Container Plant Installation, facing north.

Attachment B – Photo Documentation



Photo 13. Overview Phase 1 Container Plant Installation, facing southeast.



Photo 14. Overview Phase 1 Container Plant Installation, facing northwest.

Attachment B – Photo Documentation



Photo 15. Overview Phase 1 Container Plant Installation, facing south.



Photo 16. Overview Phase 1 Cutting Collection, facing east.

Attachment B – Photo Documentation



Photo 17. Overview Phase 1 Cutting Collection.



Photo 18. Overview Phase 1 Cutting Installation, facing east.

Attachment B – Photo Documentation



Photo 19. Overview Phase 1 Cutting Installation, facing east.



Photo 20. Overview Phase 1 Hand Seeding, facing southeast.

Attachment B – Photo Documentation



Photo 21. Overview Phase 1 Hand Seeding, facing southeast.



Photo 22. Overview Phase 1 Hand Seeding, facing west.