

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

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1.0 INTRODUCTION

1.1 Purpose

This Quarterly Compliance Report was prepared to document the activities that occurred at the Devil's Gate Reservoir Restoration Project (Project) site located in the city of Pasadena, Los Angeles County, California during the fourth quarter of 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.

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

Devil's Gate Reservoir Restoration Project
Fourth Quarter 2018 Compliance Report

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

^ß = 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 (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	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. 	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 31, 2018.

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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, 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 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, and Close trails or install barriers if human-caused impacts are damaging the mitigation sites. 	<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 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.

APPENDIX A

Construction Monitoring Logs

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 excavator Griffith 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, RCKI Western 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?

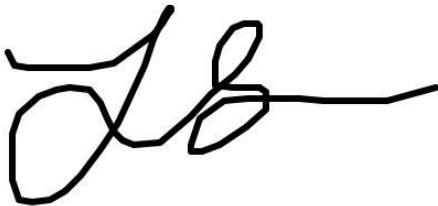
Yes

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, consisting of stylized, cursive letters that appear to be 'LB' followed by a long horizontal line extending to the right.

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 'Bryce Adair', is written below the 'Signature' label.

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

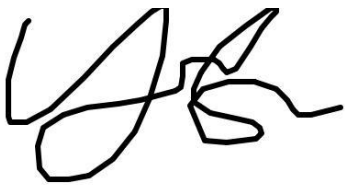
Log Entry #3 - Were Photos taken?

No

Survey Completed?

Yes

Signature

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

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 tools
2. 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

A handwritten signature in black ink, appearing to be "B. R. Smith". The signature is written in a cursive, flowing style.

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

A handwritten signature in black ink, appearing to read 'Lauren S.', is written below the signature label.

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

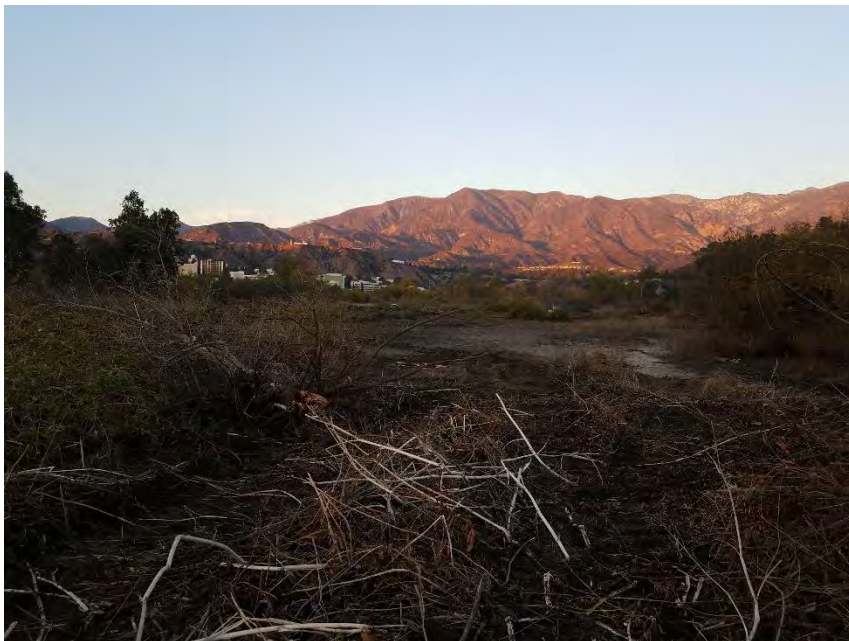
Log Entry #4 - Were Photos taken?

Yes

Log Entry #4 Photo A



Log Entry #4 Photo B



Log Entry #4 Photo C



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of two stylized, cursive letters that appear to be 'L' and 'W'.

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'.

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

A handwritten signature in black ink, appearing to read "C. M. G." with a stylized flourish at the end.

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 1115 Returned 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?

Ye

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

A handwritten signature in black ink, appearing to be "TSDA". The signature is written in a cursive style with a horizontal line extending to the left of the first letter.

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-like scribble.

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 'M. P. L.' or similar, written in a cursive style.

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

Guy 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

Guy 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 'K'.

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 several loops and a long horizontal stroke extending to the right.



Daily Monitoring Log Sheet

Date 12-11-2018 Start Time 0630 48% F, 60% I-3, MPH End Time 1630 103% F, 0% I-3, MPH Monitor Name Adam Deluna
 Project Name and Number: Devil's Gate 2018-047-009
 Construction Activity and Personnel: Clear & Grub -

Ensure that ESA is swept daily prior to start of work
 Full-time monitoring
 Part-time monitoring
 Covered species observed

Time	Field Activity	Observation / Comments / Corrective Actions Implemented / GPS Coordinates
0615	Biologist arrived at the site	
0700	Monitor track loader all day	Captured & Released; 2 PEROMYSCUS, 18 ANABOR, 2 NEOTUFUS, 1 EUGMUL, 2 USTATA
1630	Headed back to meet w/crew at staging area	2 SCECC
1700	left site	Casualties: 1 NEOTUFUS, 3 ANABOR
Wildlife Observed: USTATA, PEROMYSCUS, NEOTUFUS, ANABOR, NUBB, CAYL, RIBA, ETHA, ANAKE, WICSP, SCECC, SYMPHODU, CAS,		Topics to cover in the next monitoring day:
UTATA, ANAKE, CAHI, RYK1		

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. VAN" 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

Guy R. Smith



Daily Monitoring Log Sheet

Date 12-12-2018 Start Time 10:30 43°F, 100% 1-3 MPH End Time 16:10 62°F, 10% 1-3 MPH Monitor Name ADAM DELUANA

Project Name and Number: Devil's Gate 2018-047-009

Construction Activity and Personnel

Ensure that ESA is swept daily prior to start of work Full-time monitoring Part-time monitoring Covered species observed

Observation / Comments / Corrective Actions Implemented / GPS Coordinates

Table with 2 columns: Time, Field Activity. Rows include 10:20 (Biologist arrived), 0700 (Monitored Carry on track loader), 1530 (Carry finished cleaning & serviced machine), and Wildlife Observed (ANABOE, BUNTU, BLOU, SYLVANU, CACT, CASI, BITA, UTASTA, SERCEL, ANKE, LODA, ANACB, CASI, ROCK, WICSP, DAWID).

Monitor Signature [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 several loops and a long horizontal stroke at the end.

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



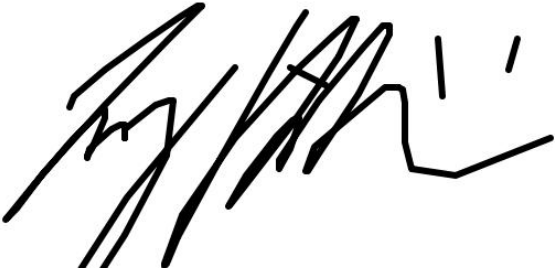
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping, slanted strokes that form a stylized, illegible mark.

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

Henry V. [unclear]

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 lines.

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". The signature is written in a cursive style with a large initial "K" and "S".

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 "C. M. Co." with a stylized flourish at the end.

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 loader 2. 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". The signature is written in a cursive style with a large initial "B" and a long, sweeping underline.

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



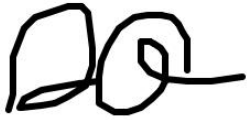
Log Entry #3 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of two large, rounded loops followed by a horizontal line extending to the right.

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



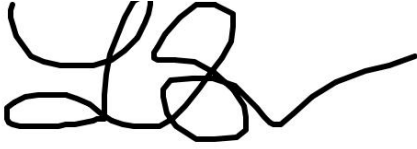
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

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

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/John". The signature is written in a cursive style with a large initial "M" and a large "J".

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.

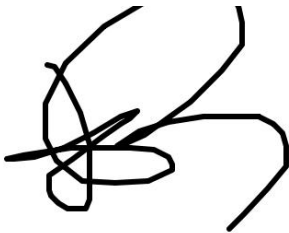
Log Entry #6

1530, Departed the site

Survey Completed?

Yes

Signature



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



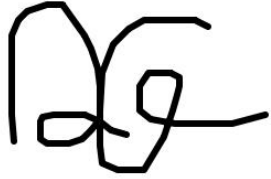
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of a stylized 'A' followed by a 'G' and a horizontal line extending to the right.

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



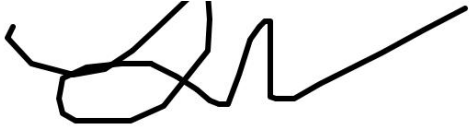
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

A handwritten signature in black ink, consisting of several overlapping loops and a long, straight horizontal 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 site0700, attended tailboard0730, 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 Sh". The signature is written in a cursive style with a large, sweeping initial "Ry" followed by "Sh".

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 loader
2. 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, appearing to be 'M. R. de' or similar, written in a cursive style.

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.

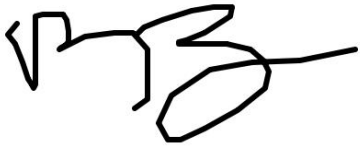
Log Entry #8

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 a stylized 'V' followed by a large 'B' and a horizontal line extending to the right.

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

Camilo 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.

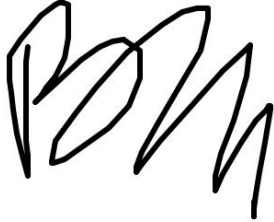
Log Entry #5

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 several overlapping loops and a final vertical stroke on the right side.

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 truck0730 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 relocated1030 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



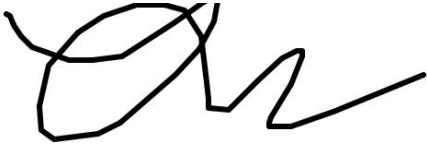
Log Entry #2 Photo B



Survey Completed?

Yes

Signature

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

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

Signature

A 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 chipper Operator: 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 days. 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 initial 'A' and a distinct 'y'.

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

Kusba W. L. G.

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 are 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. A. L. I.", written in a cursive style.



Daily Monitoring Log Sheet

Date: 1/27/06 Start Time: 0630 40 °F 30% 0 MPH End Time: 1600 62 °F 60% 0 MPH Monitor Name: Brian Leatherman

Project Name and Number: Devils Gate Sediment Removal

Construction Activity and Personnel: Debris pile removal to chipping area

Ensure that ESA is swept daily prior to start of work
 Full-time monitoring
 Part-time monitoring
 Covered species observed

Time	Field Activity	Biologist arrived at the site	Observation / Comments / Corrective Actions Implemented / GPS Coordinates
0630			
0700	Tabbord meeting		
0730	Construction started		Wildlife relocated (all day)
			Dusky footed woodrat HTT
			Deer mouse HTH
			House mouse HTH
			Black rat HT
			Western fence lizard HTH
			Common King Snake 1
			California vole 1
			So. alligator lizard 11
			Western toad 1
			Gopher snake 1
Wildlife Observed:	RTHA, COCA, BDPH, CTKU, HOPI, SAPH, OSFP, Western toad, west fence lizard, Black rat, house mouse, deer mouse, gopher snake, Kingsnake,		Topics to cover in the next monitoring day:

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. L.", written in a cursive style.

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

KeyBawdler

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, somewhat stylized font.

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



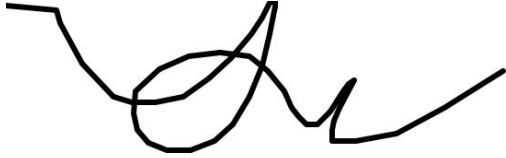
Log Entry #1 Photo B



Survey Completed?

Yes

Signature

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

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 done 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

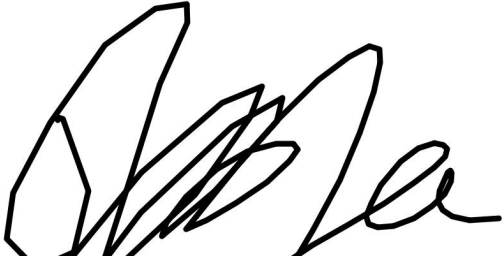
Log Entry #10

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 'A. Ma', 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 "Christopher Johnson". The signature is written in a cursive style with a horizontal line under the "i" in "Johnson".

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 several overlapping loops and a long horizontal tail extending to the right.

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 several 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 in black ink.

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. K.' with a horizontal line through the middle of the letters.

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, WEBL, 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

SignatureA handwritten signature in black ink, appearing to read "Phyllis W. Dwyer".







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

Phyllis 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. D. [unclear]".







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

Philo W. Dunphy







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. [unclear]". The signature is written in a cursive style with a long horizontal stroke at the end.

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 overlapping loops and a long, sweeping tail that extends to the right.

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, appearing to be 'J. K. Smith', written in a cursive style. The signature is positioned below the 'Signature' label.

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

Log Entry #2

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 several 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 "Andrew" followed by a stylized flourish.

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 futures 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	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

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\Map\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_overview_20190109_ID.mxd (MAG)mguidry 3/13/2019





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

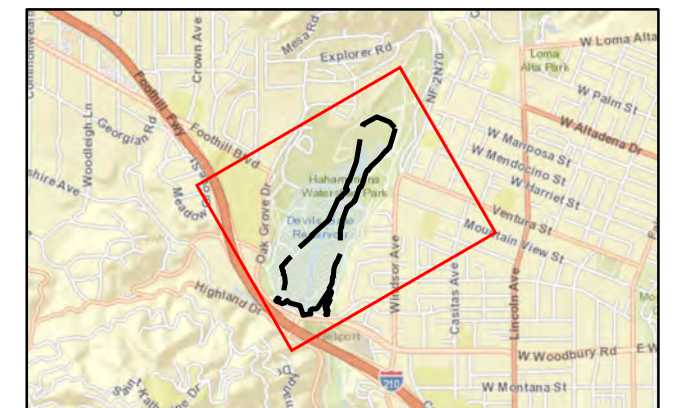




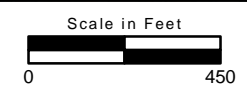




Figure 1.
Vegetation Clearing and the
Initial Sediment Removal Area

- 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 Devils Gate Mitigation Plan\MapStos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_overview_20190109.mxd (MAG)_mguidry_3/13/2019

Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 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

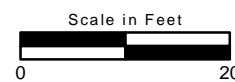
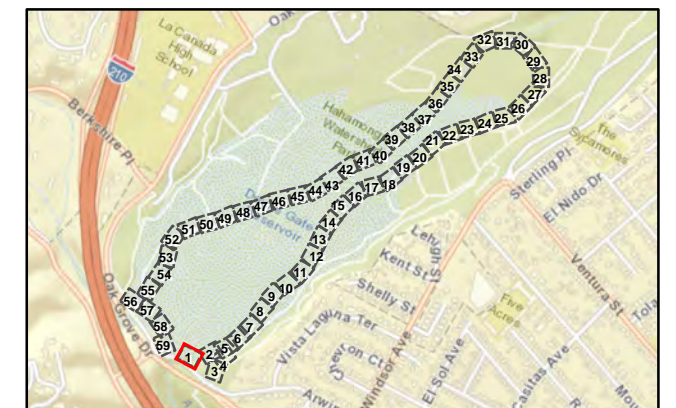
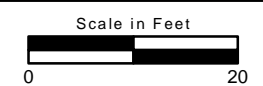
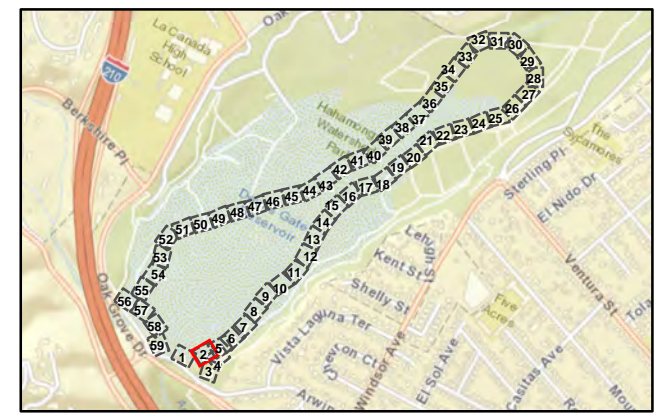




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 2 of 59

- 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







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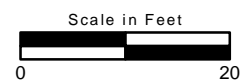
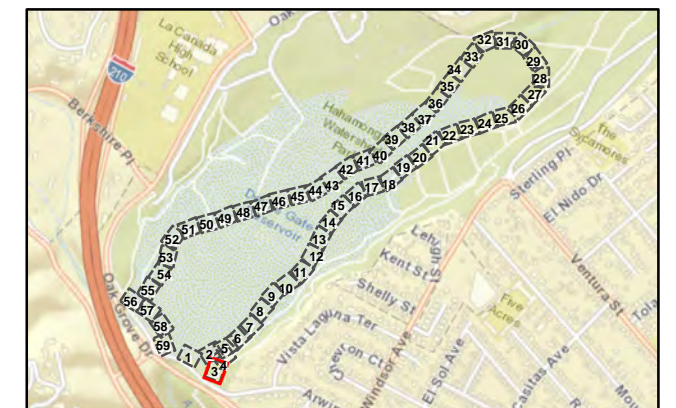
Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 3 of 59



Map Features

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

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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



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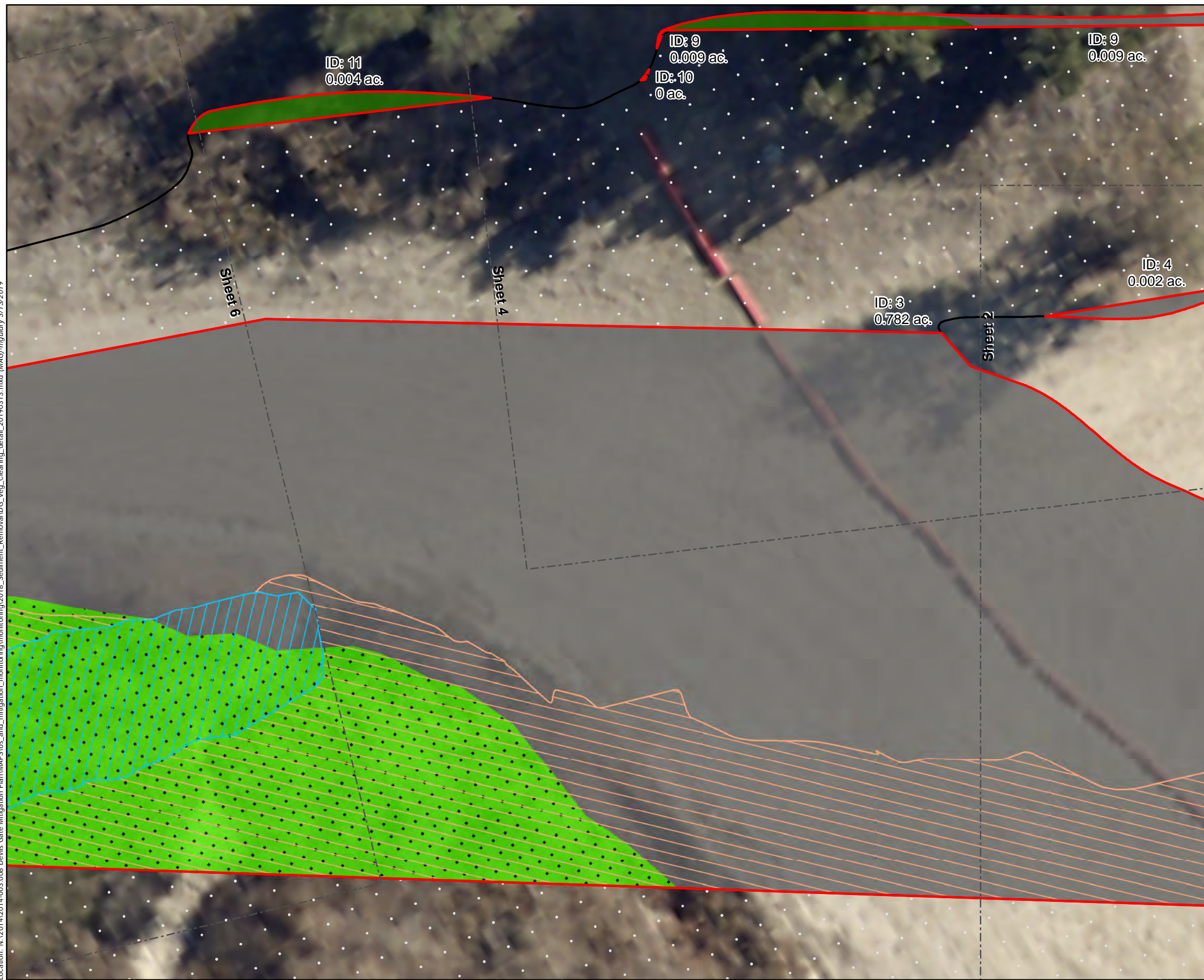







Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 5 of 59




Map Features

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

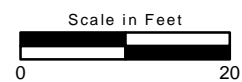
Waters of the U.S.

-  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



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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

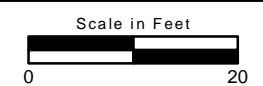
Waters of the U.S.

- 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)

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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

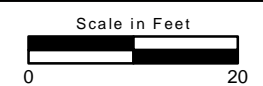
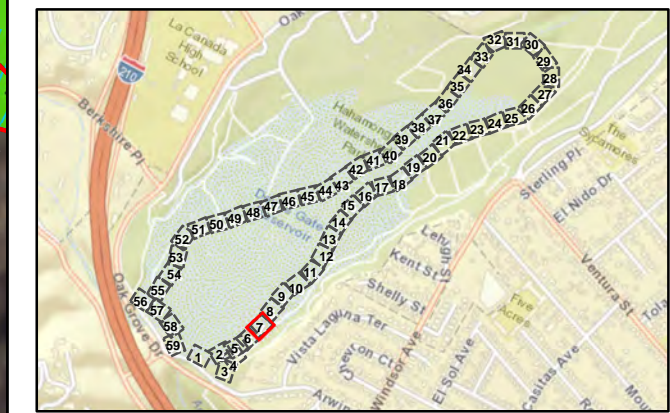
Waters of the U.S.

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

Vegetation Name

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

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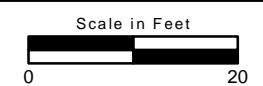
Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 8 of 59



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



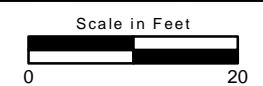
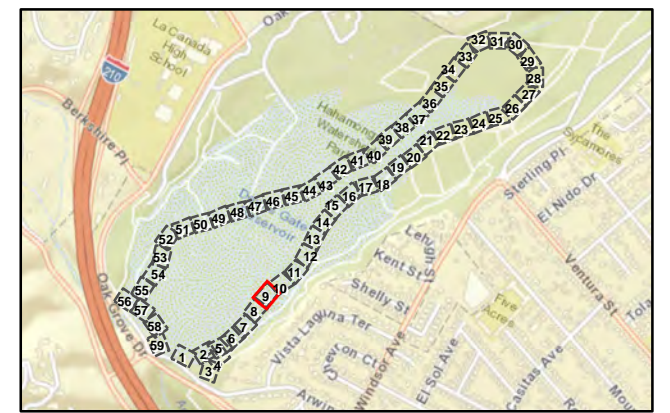
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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 9 of 59

- 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)

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



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

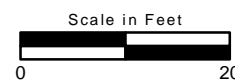
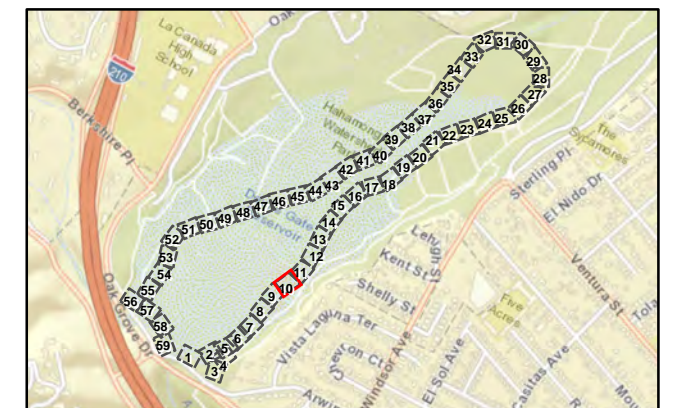
Map Features

-  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





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

Map Features

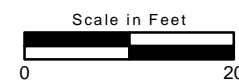
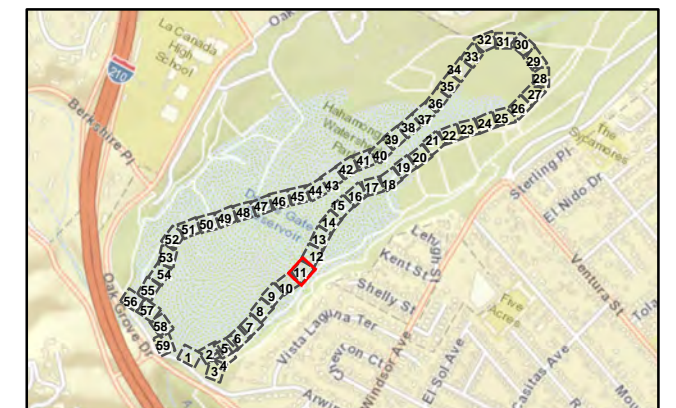
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

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



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


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



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

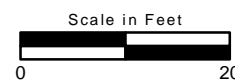
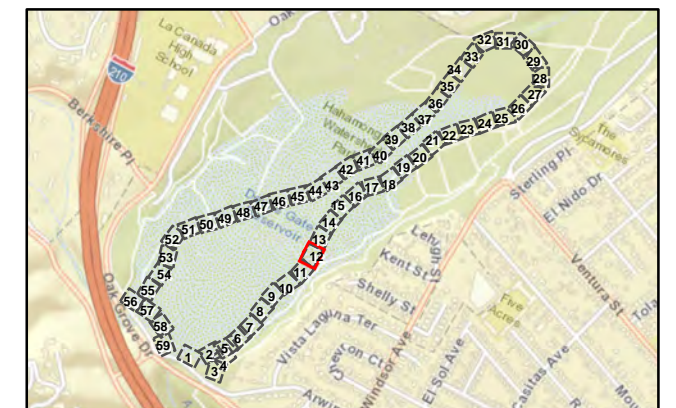
Map Features

-  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

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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

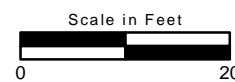
Waters of the U.S.

-  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




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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.

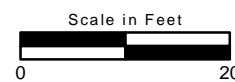
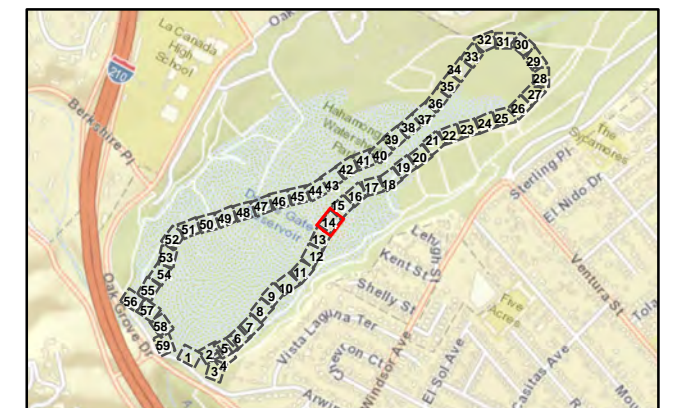
-  Non-wetland Waters of the U.S.

Vegetation Name

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



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


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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

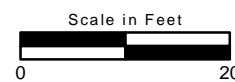
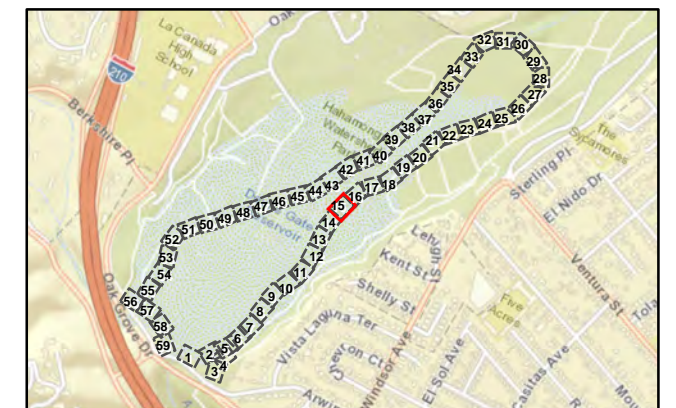
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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

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


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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

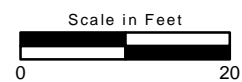
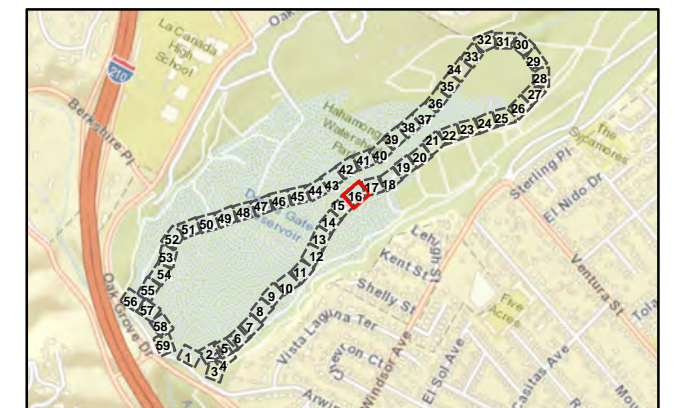
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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

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


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


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

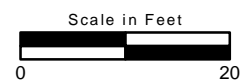
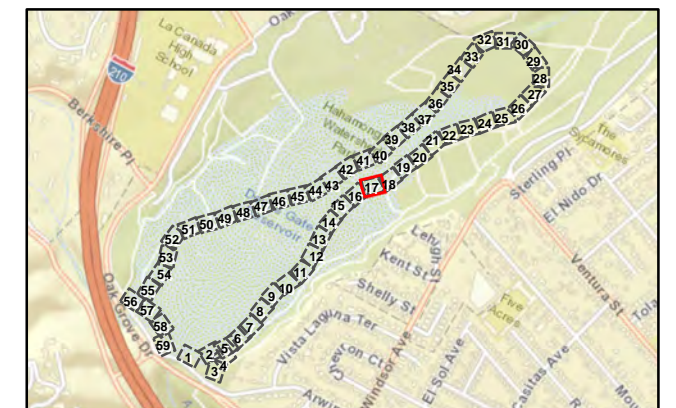
Map Features

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

Vegetation Name

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




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


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

Map Features

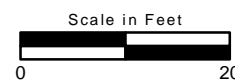
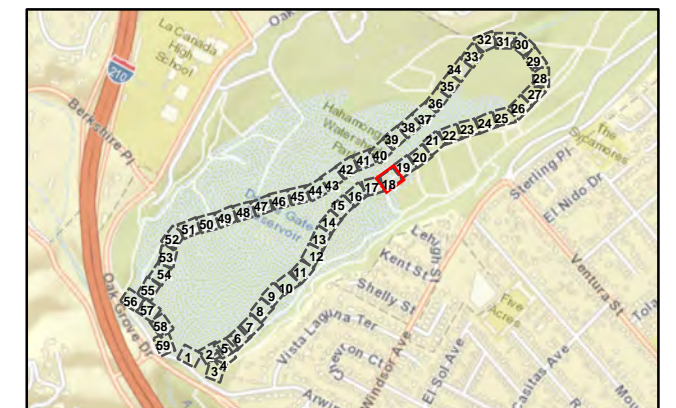
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

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






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

Map Features

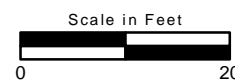
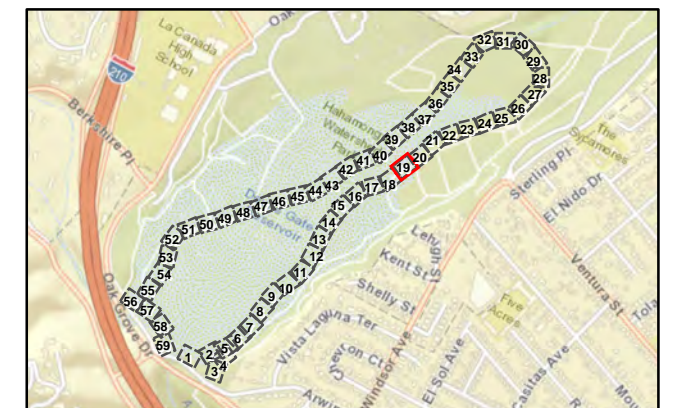
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

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



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





Location: N:\2014\2014-003.008 Devils Gate Sediment Removal\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 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

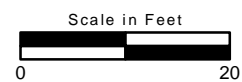
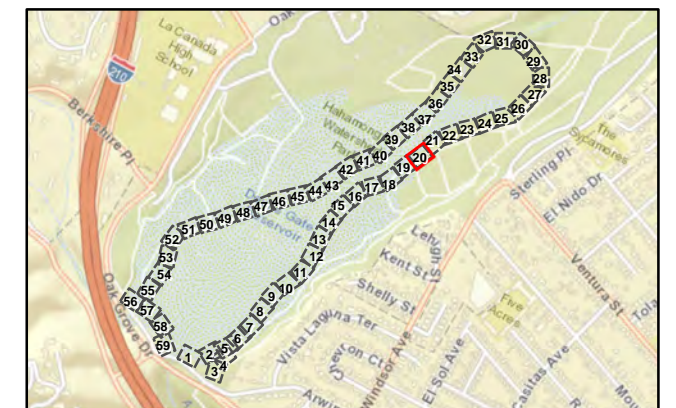


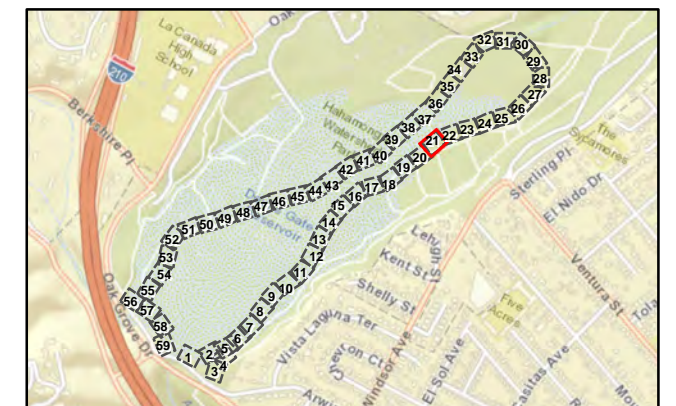
Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 21 of 59

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



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


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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

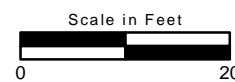
Waters of the U.S.

-  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



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

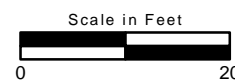


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 23 of 59

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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 3/13/2019

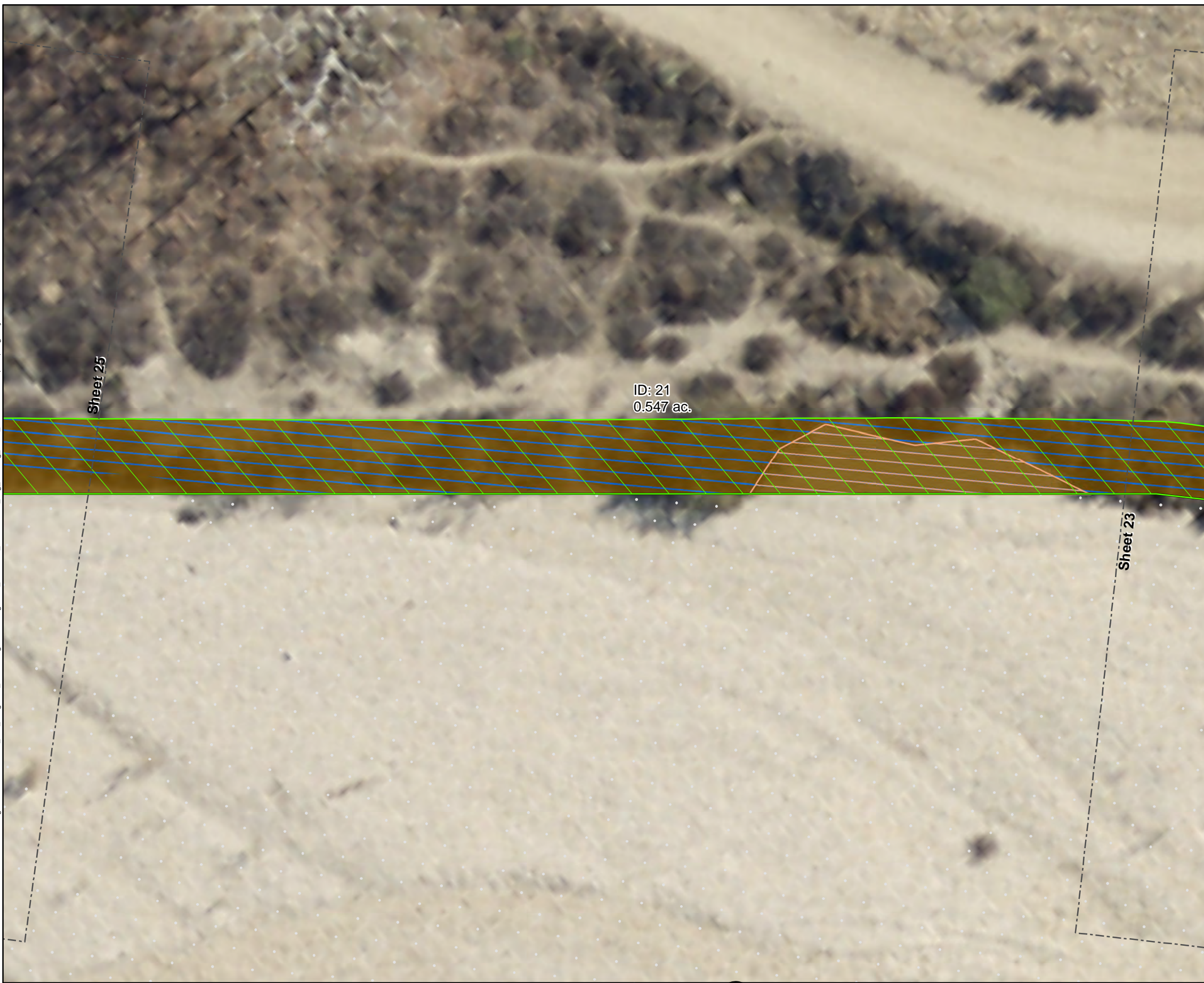






Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 24 of 59



Map Features

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

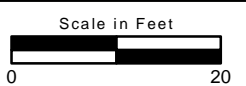
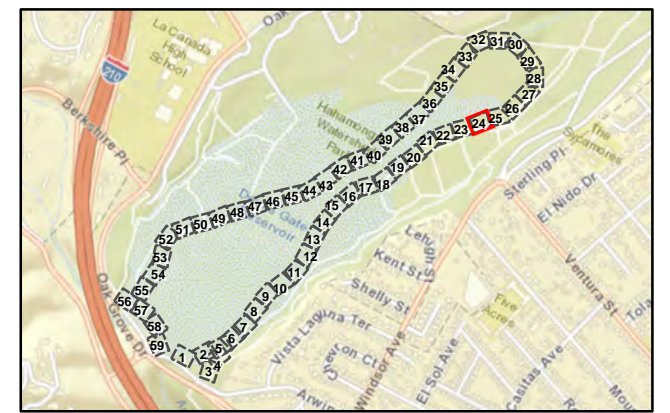
Waters of the U.S.

-  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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VOG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 3/13/2019

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



Map Features

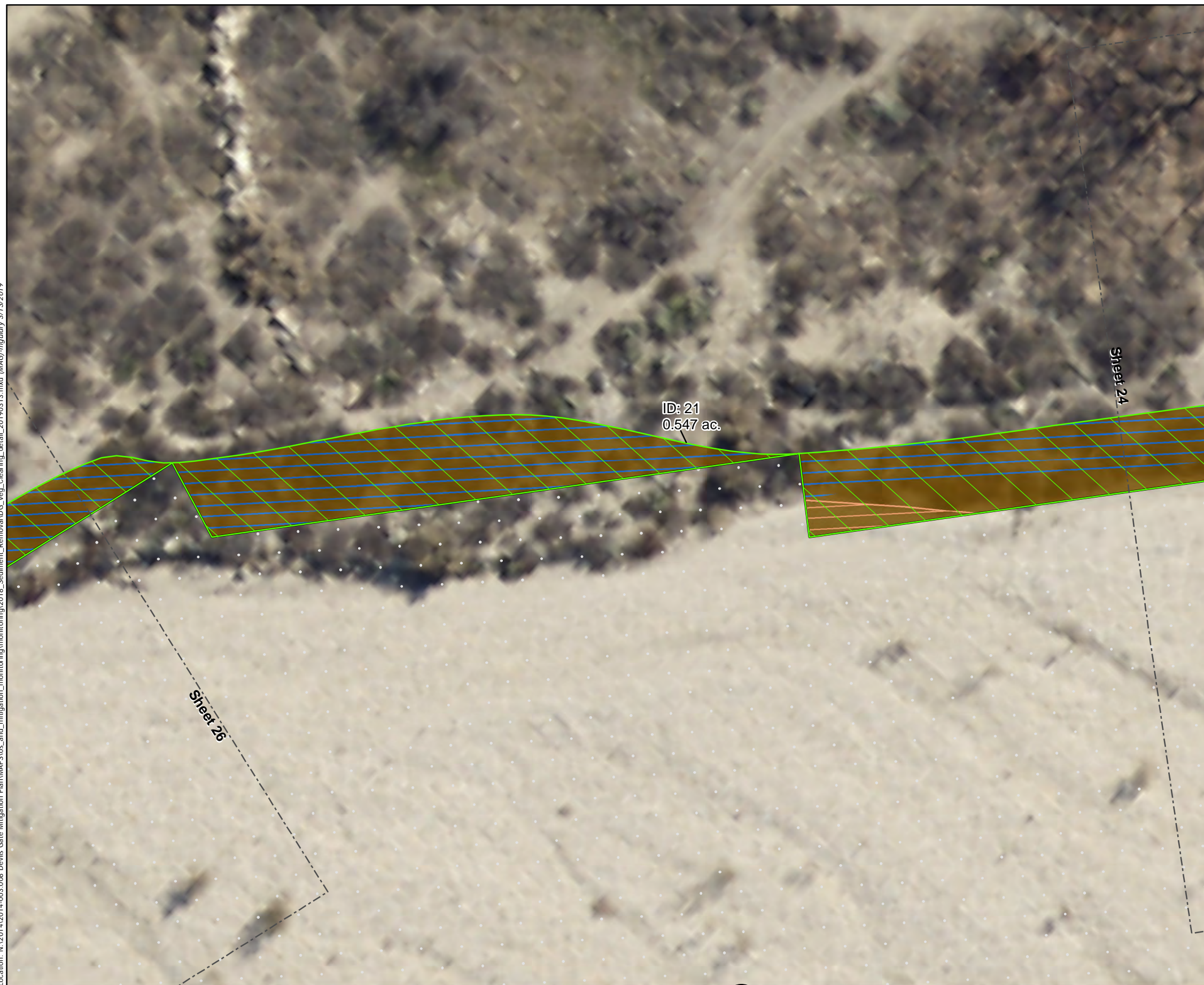
-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Waters of the U.S.

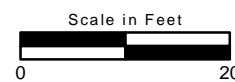
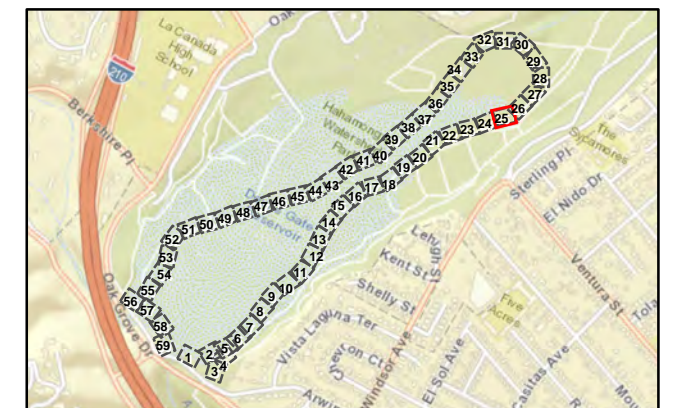
-  Non-wetland Waters of the U.S.

Vegetation Name

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



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




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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

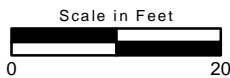
Waters of the U.S.

-  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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\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 27 of 59



Map Features

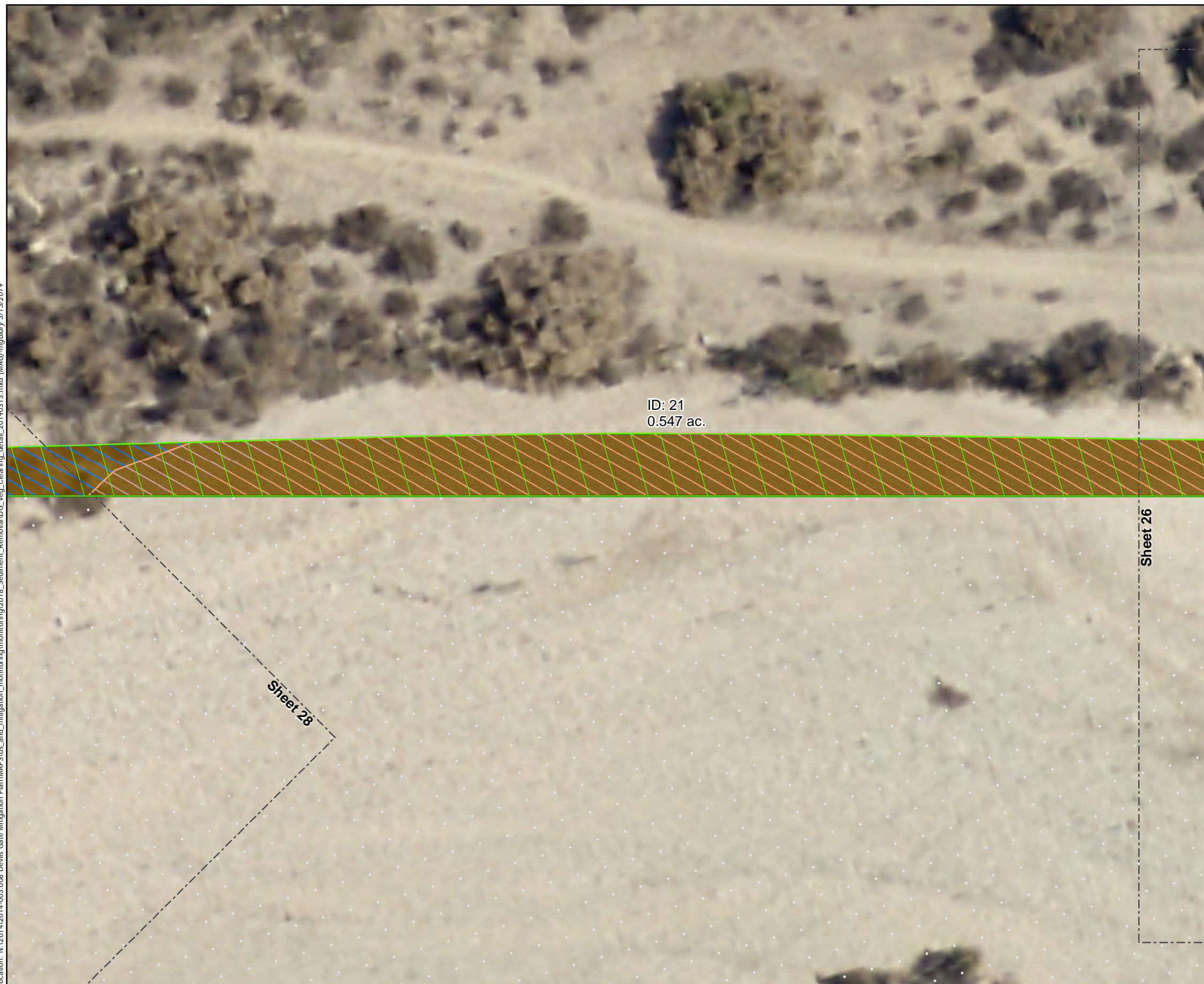
-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Waters of the U.S.

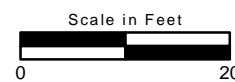
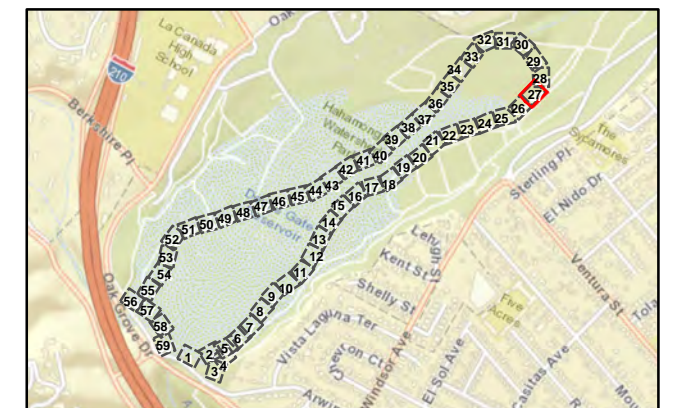
-  Non-wetland Waters of the U.S.

Vegetation Name

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






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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.

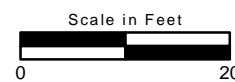
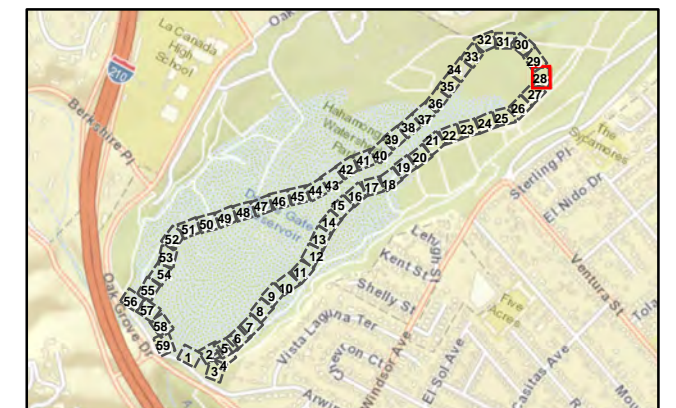
-  Non-wetland Waters of the U.S.

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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 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

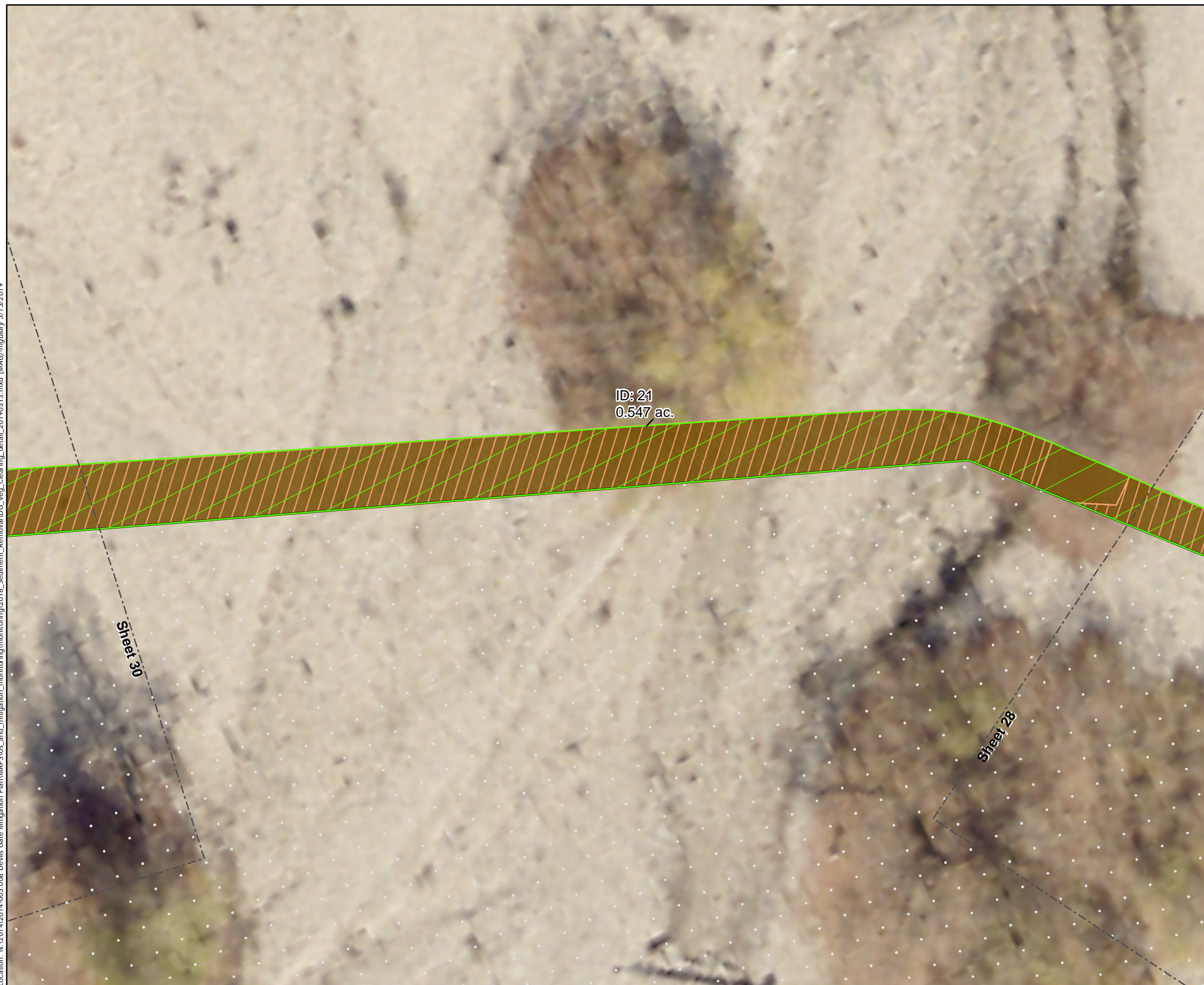
 Match Line

Waters of the U.S.

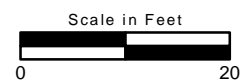
 Non-wetland Waters of the U.S.

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 Devils 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 30 of 59


Map Features

 Future Vegetation Removal Area per Design Plans


 Previously Calculated Impacts

 Match Line

Waters of the U.S.

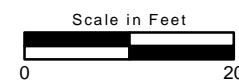
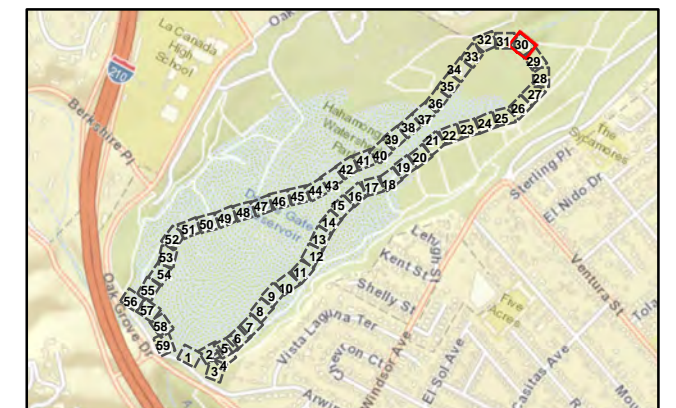
 Non-wetland Waters of the U.S.

Vegetation Name

 *Lepidospartum squamatum* Scrubland Alliance



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


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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

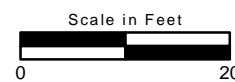
Waters of the U.S.

-  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




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




Map Features

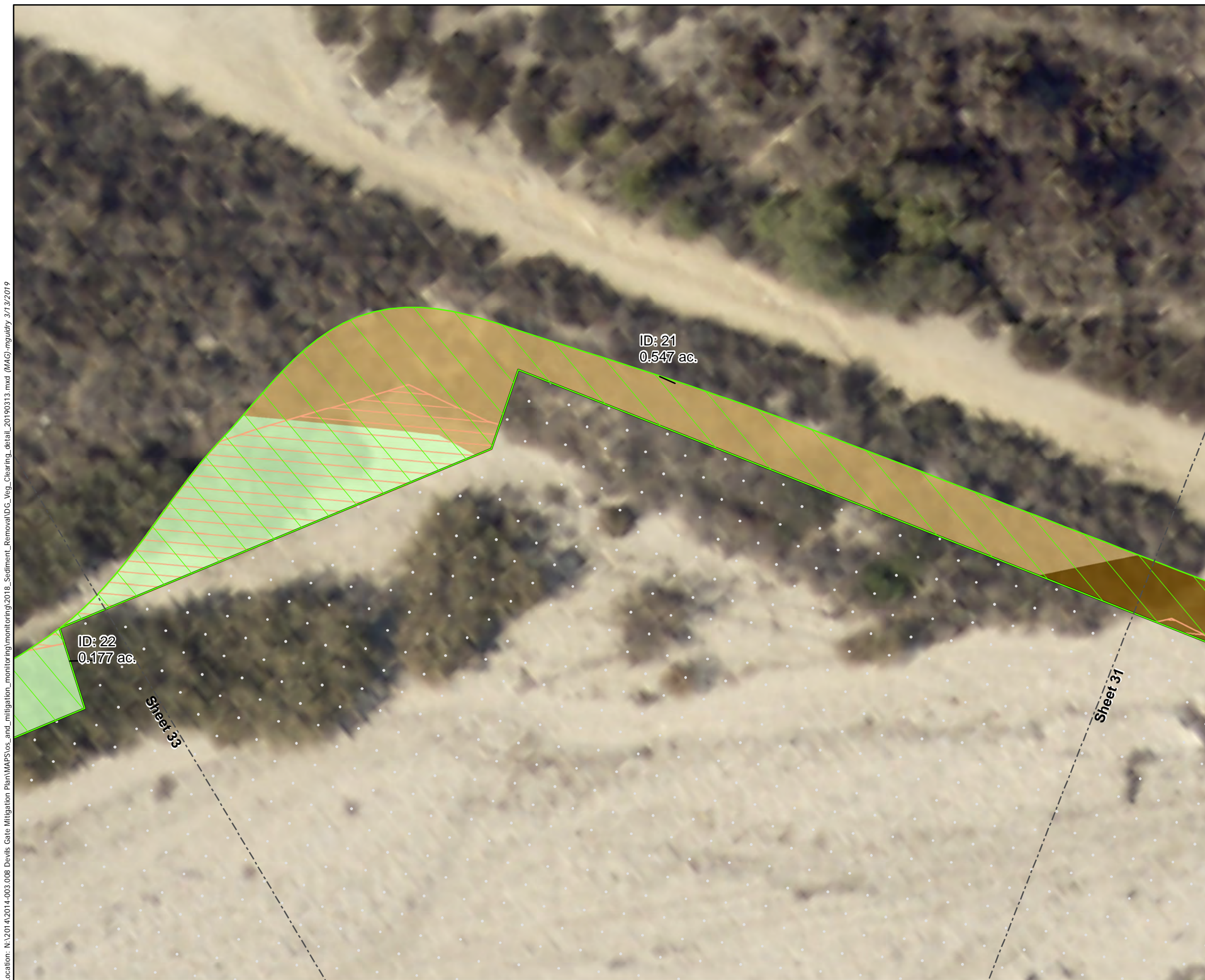
-  Future Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Waters of the U.S.

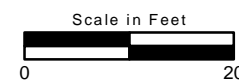
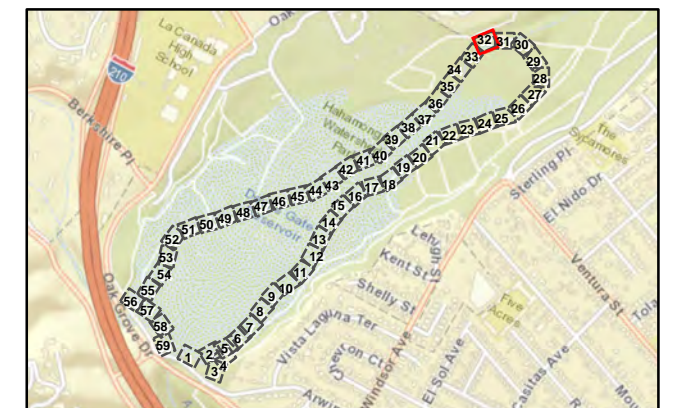
-  Non-wetland Waters of the U.S.

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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\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 33 of 59



Map Features

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

Waters of the U.S.

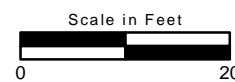
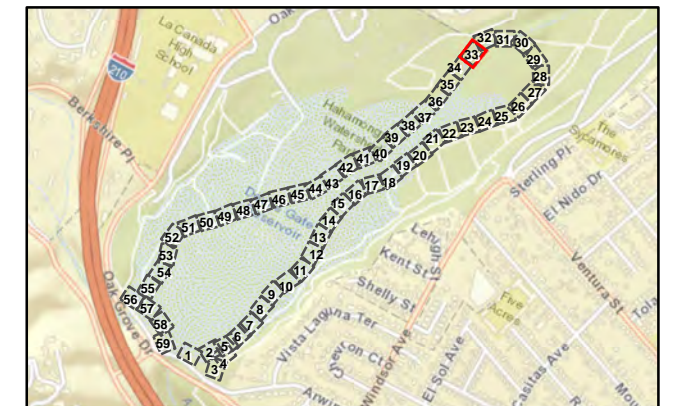
-  Non-wetland Waters of the U.S.

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance
-  Lepidospartum squamatum Scrubland Alliance



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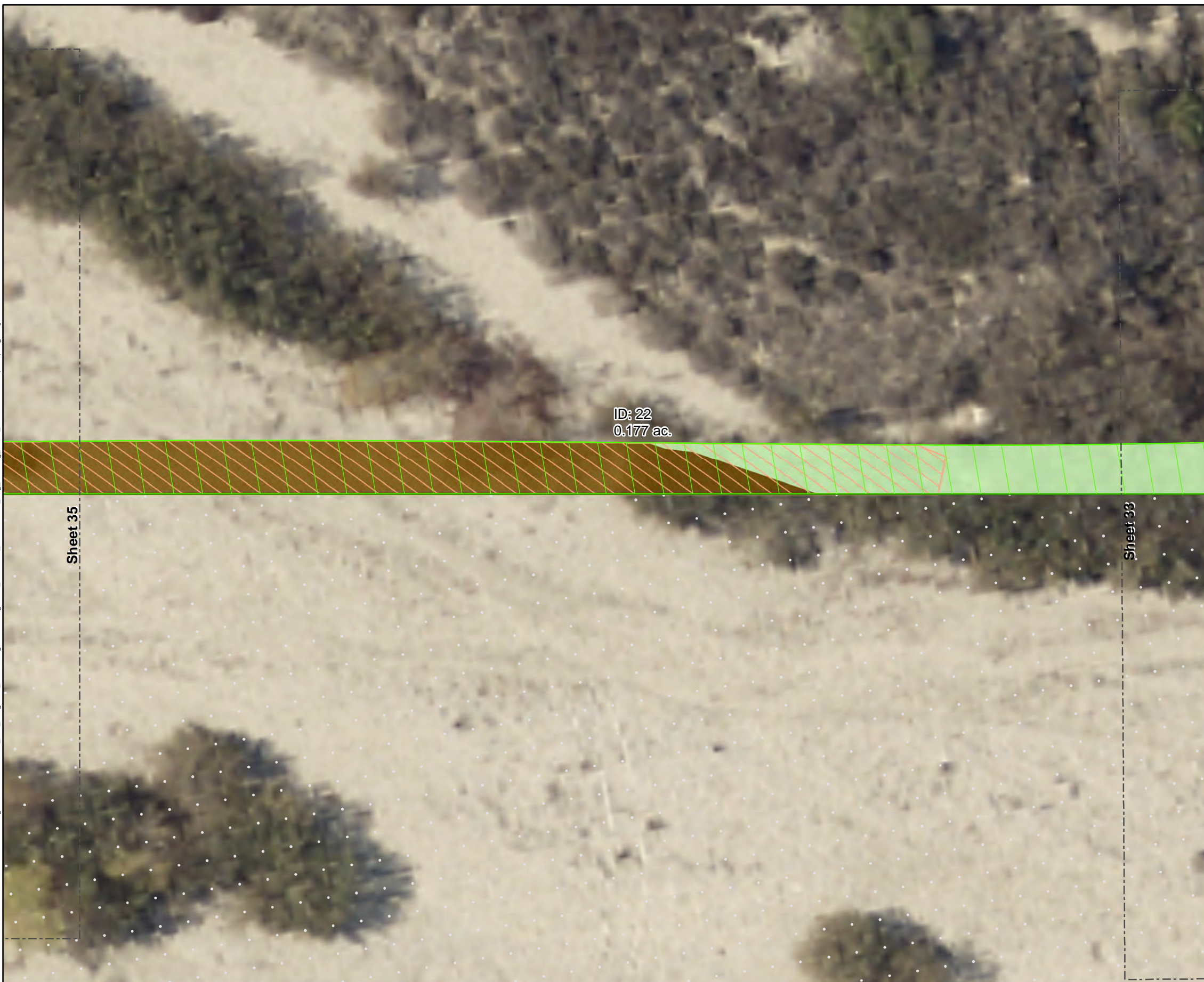






Figure 2.
Vegetation Clearing and the
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

Map Features

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

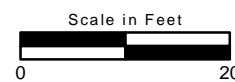
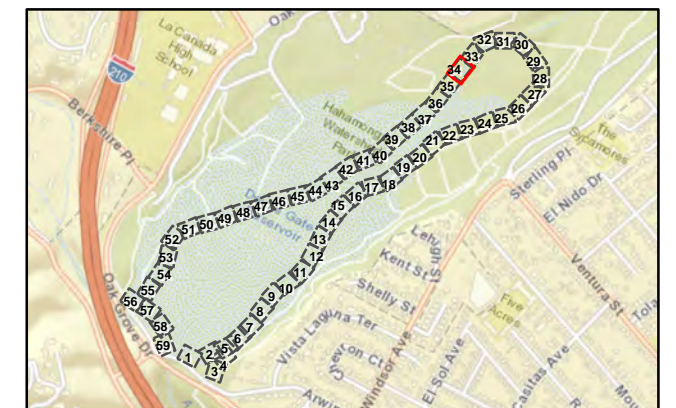
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance
-  Lepidospartum squamatum Scrubland Alliance

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

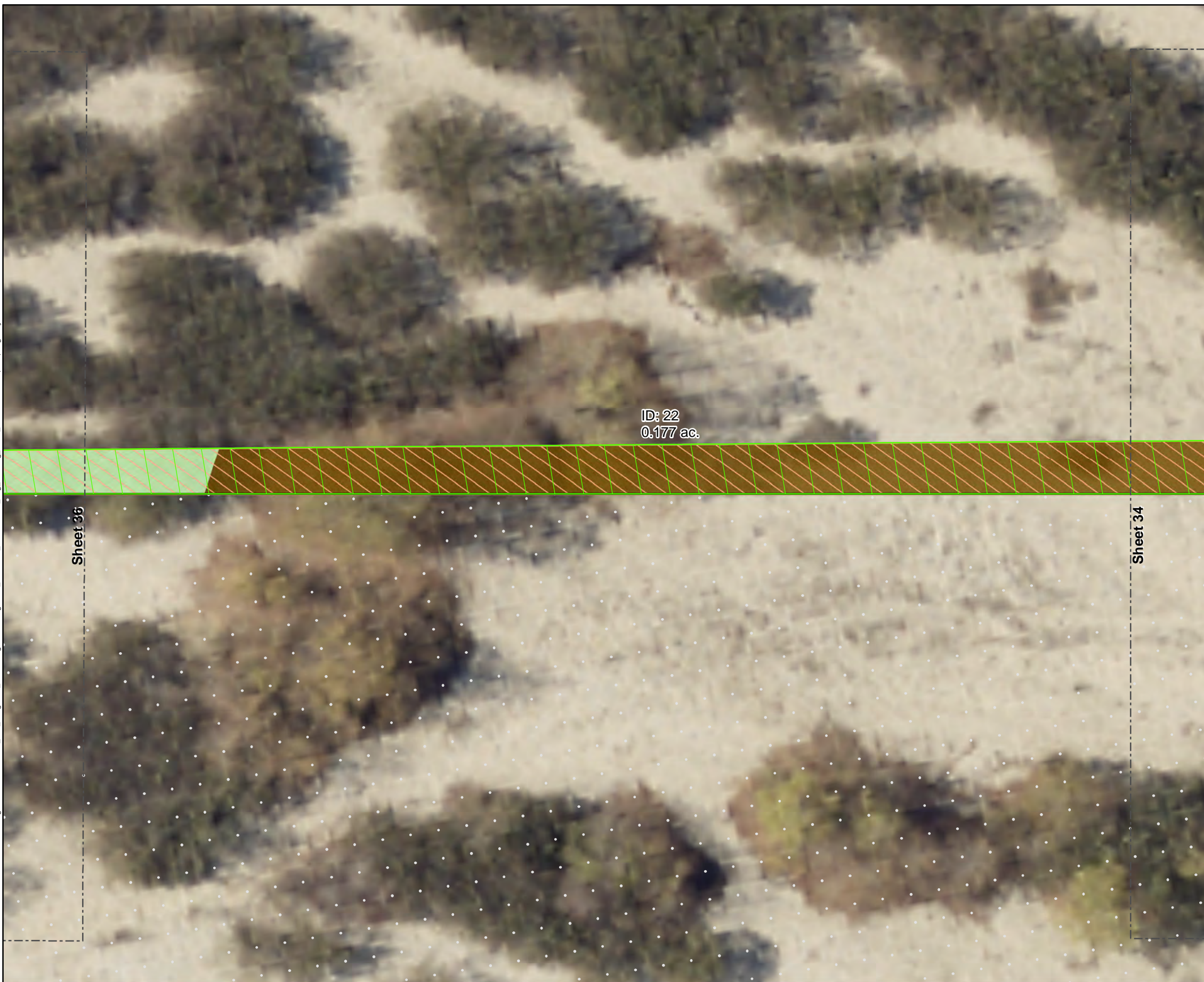






Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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

Map Features

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

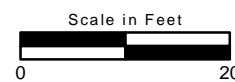
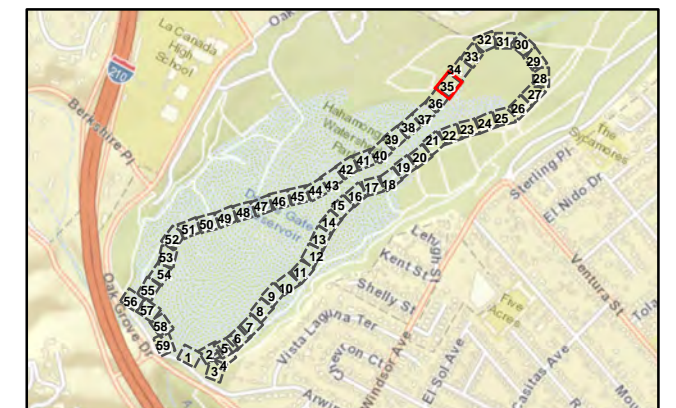
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance
-  Lepidospartum squamatum Scrubland Alliance

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


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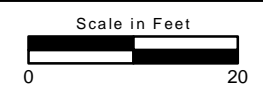
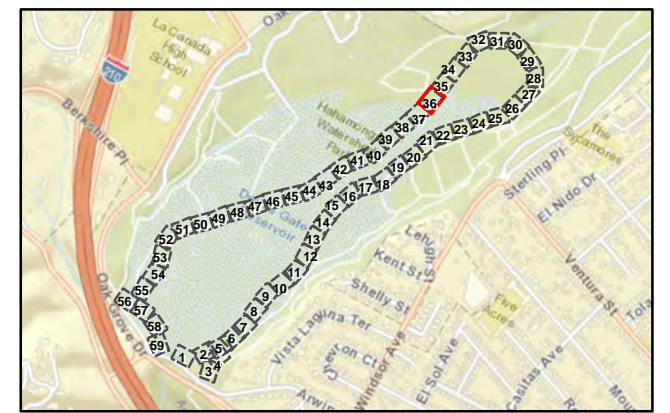


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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Map Features

-  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

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


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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

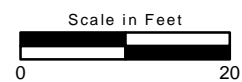
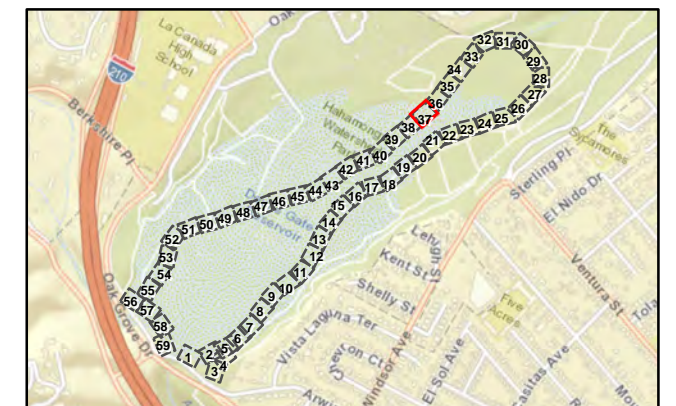
Waters of the U.S.

-  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)

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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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Map Features

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

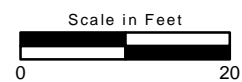
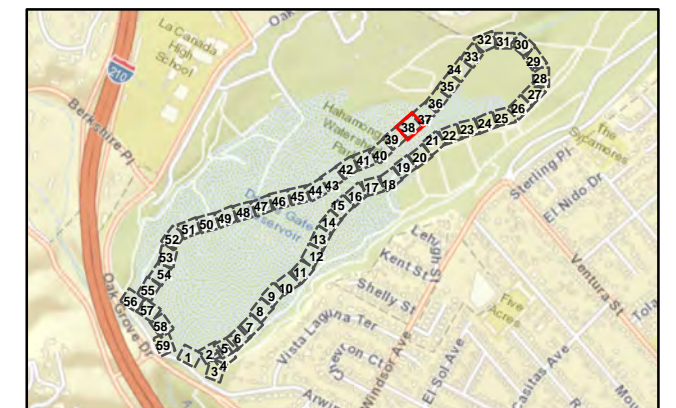
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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

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


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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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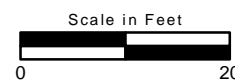
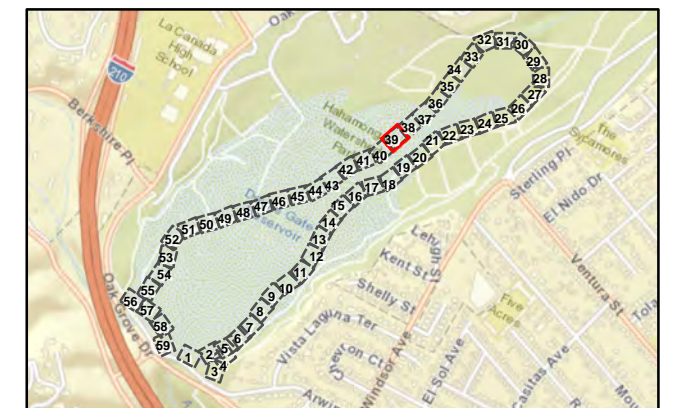
Map Features

-  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)




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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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Map Features

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

Waters of the U.S.

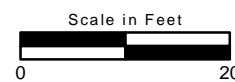
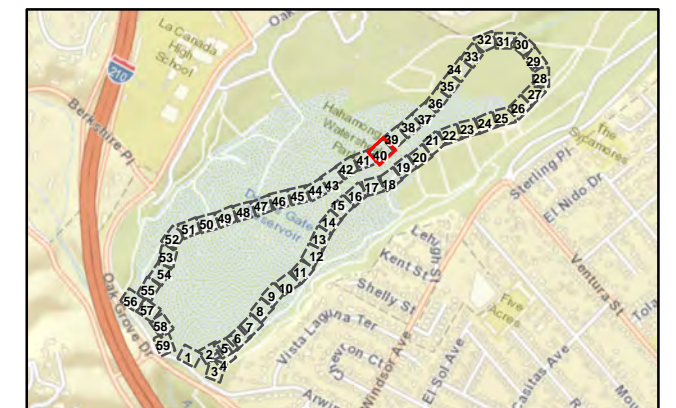
-  Non-wetland Waters of the U.S.

Vegetation Name

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



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


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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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Map Features

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

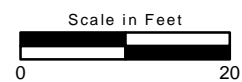
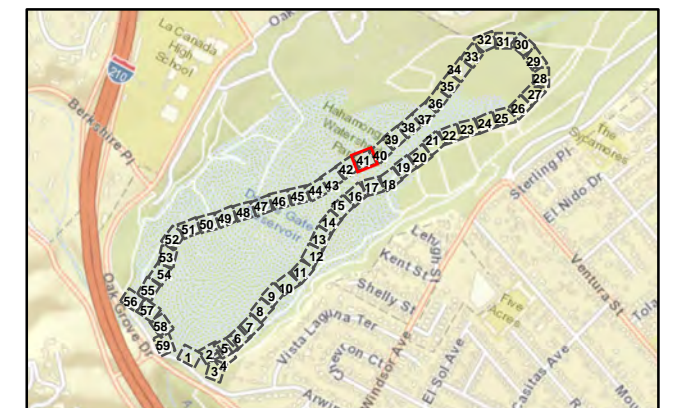
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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




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

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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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Map Features

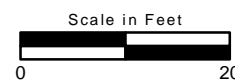
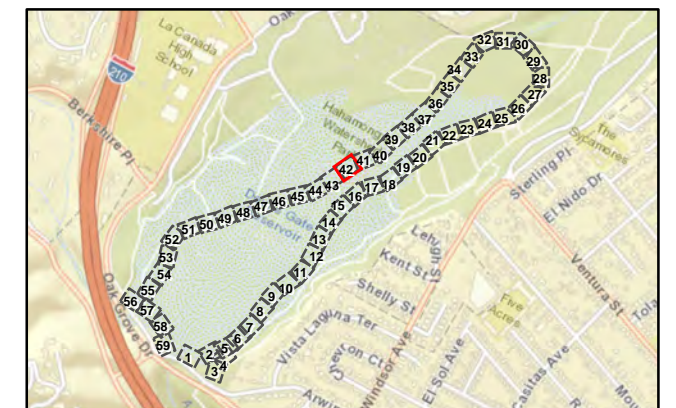
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

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



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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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

Map Features

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

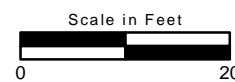
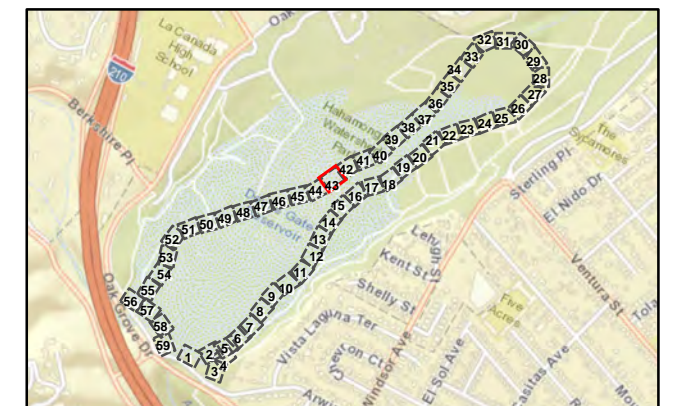
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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

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


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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

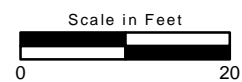
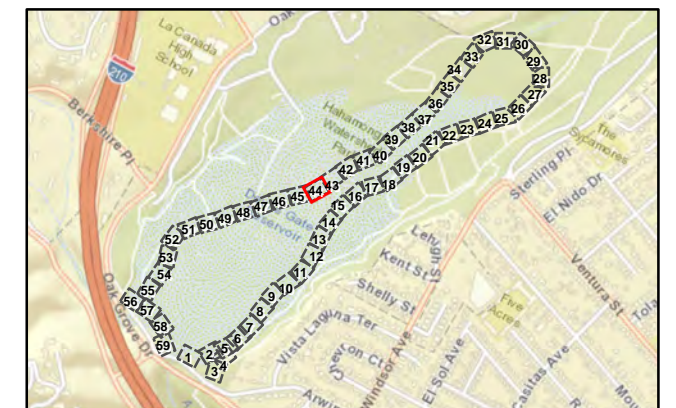
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

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

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


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



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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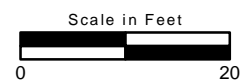
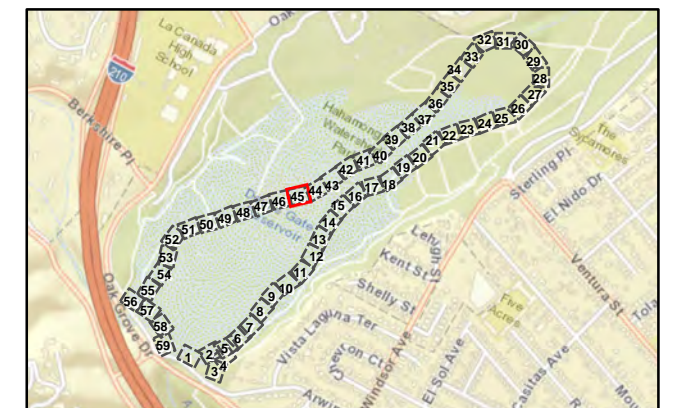
Map Features

-  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)

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Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VOG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidry 3/13/2019




Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
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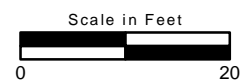
Map Features

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

Vegetation Name

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

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


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


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 47 of 59

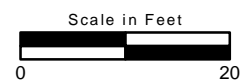
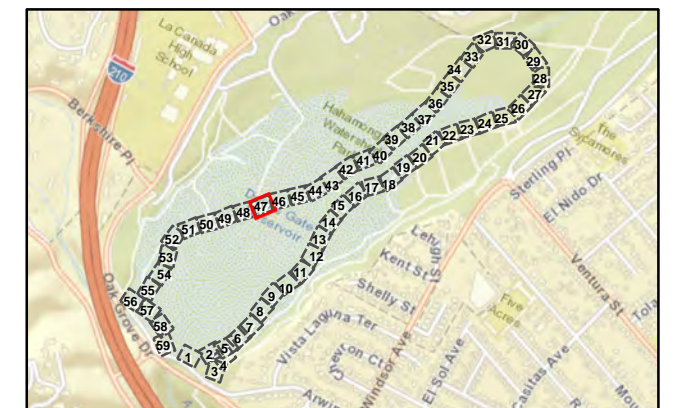
Map Features

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

Vegetation Name

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

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


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



Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 48 of 59

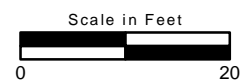
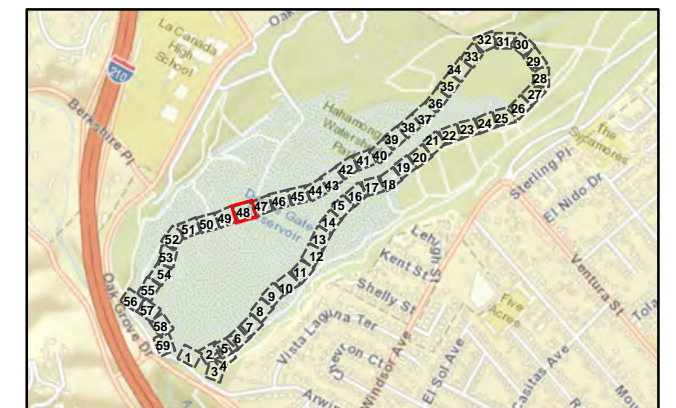
Map Features

-  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






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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 49 of 59

Map Features

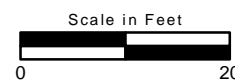
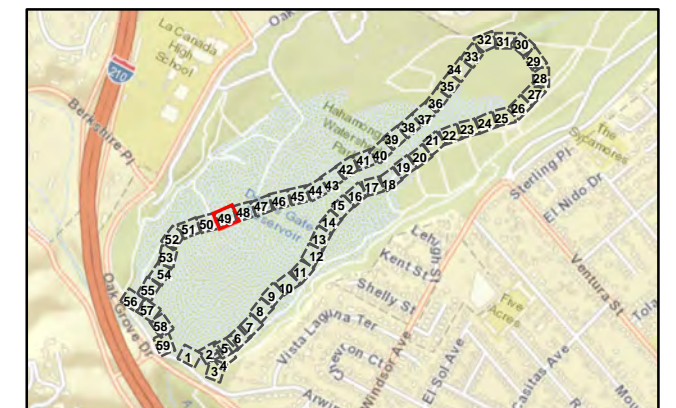
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Vegetation Name

-  Baccharis salicifolia Shrubland Alliance (20-40 % nonnatives)
-  Lepidium latifolium-Conium maculatum Herbaceous Semi-Natural Alliance
-  Salix gooddingii Woodland Alliance (20-30% nonnatives)



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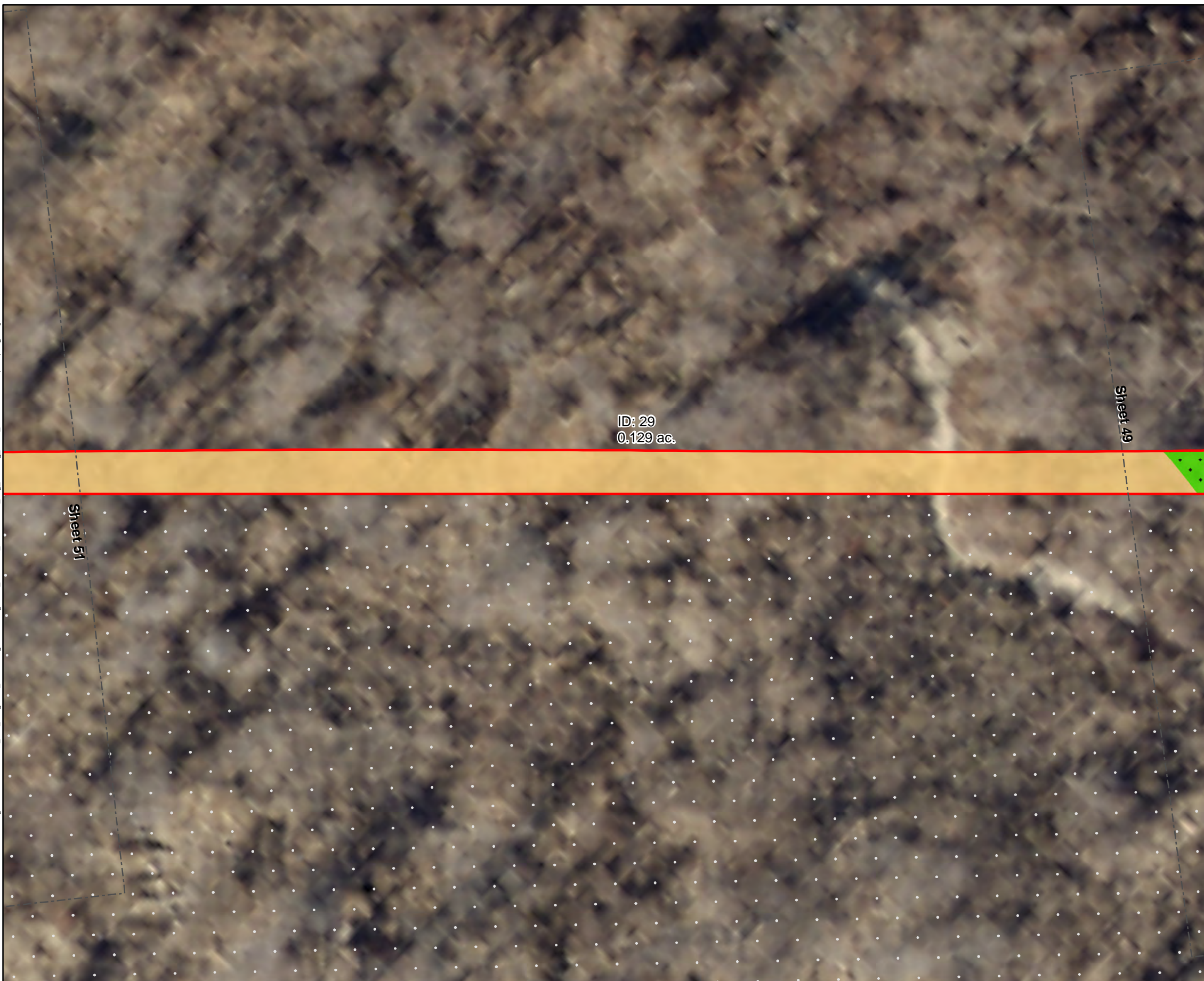







Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 50 of 59

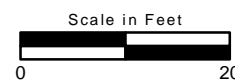
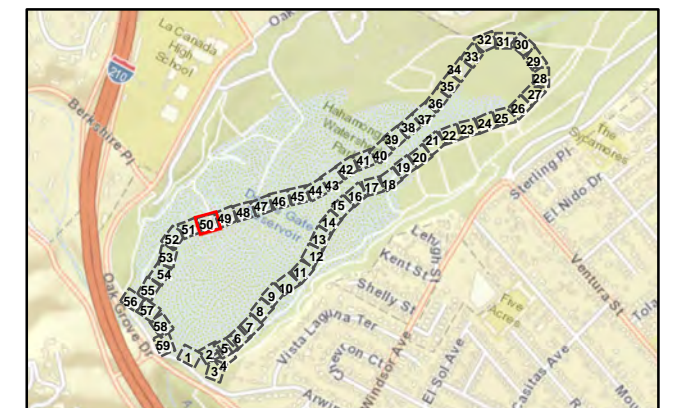
Map Features

-  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 Devils Gate Mitigation Plan\MapStos_and_mitigation_monitoring\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 51 of 59


Map Features

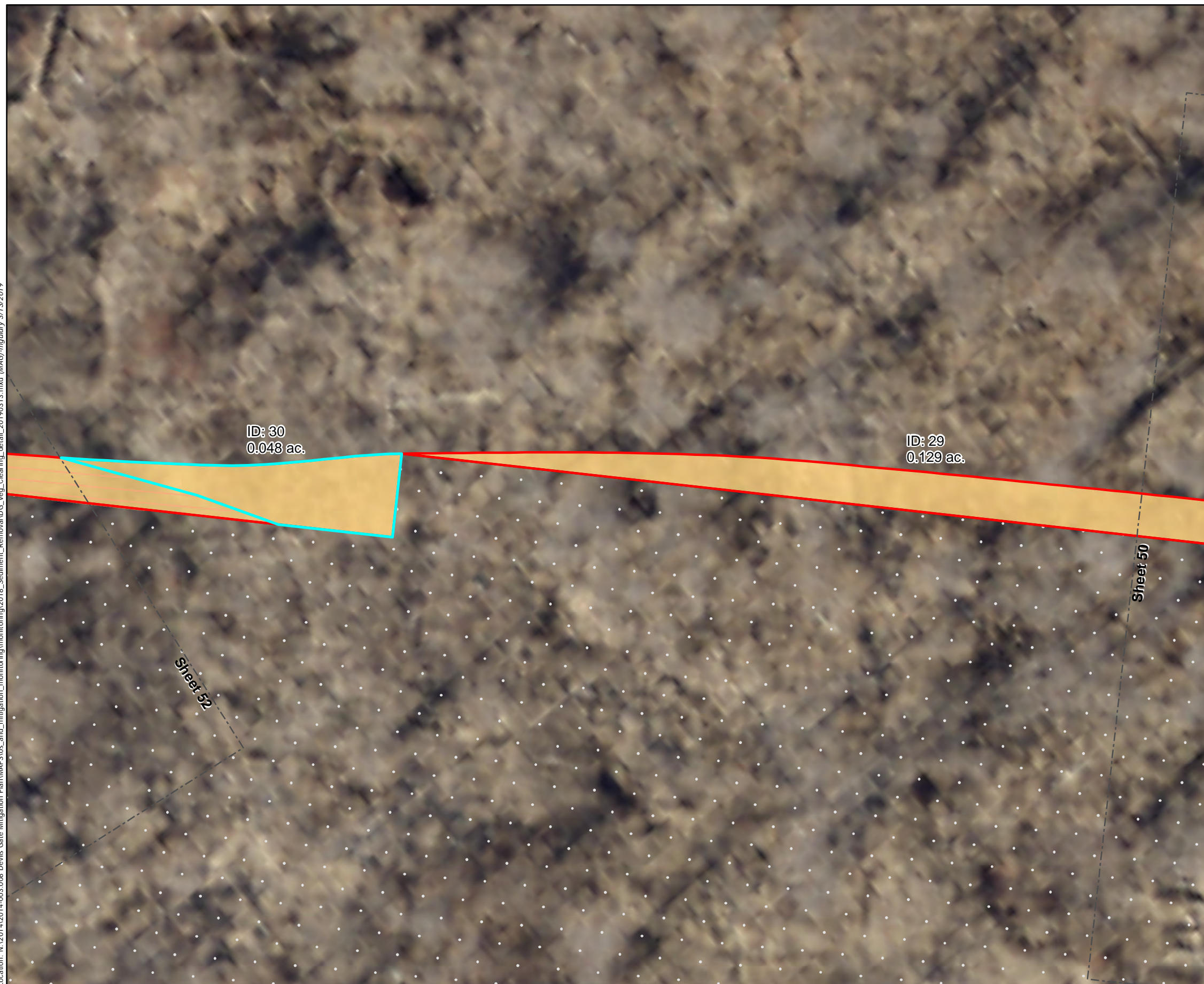
-  Vegetation Removal Area per Design Plans
-  Previously Calculated Impacts
-  Match Line

Waters of the U.S.

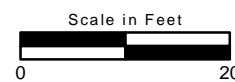
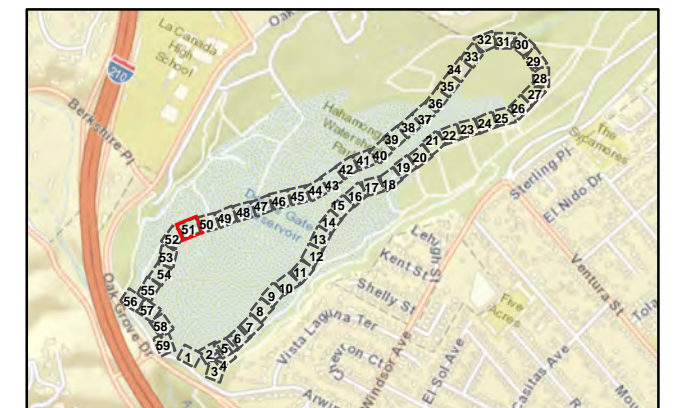
-  Non-wetland Waters of the U.S.

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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_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 52 of 59



Map Features

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

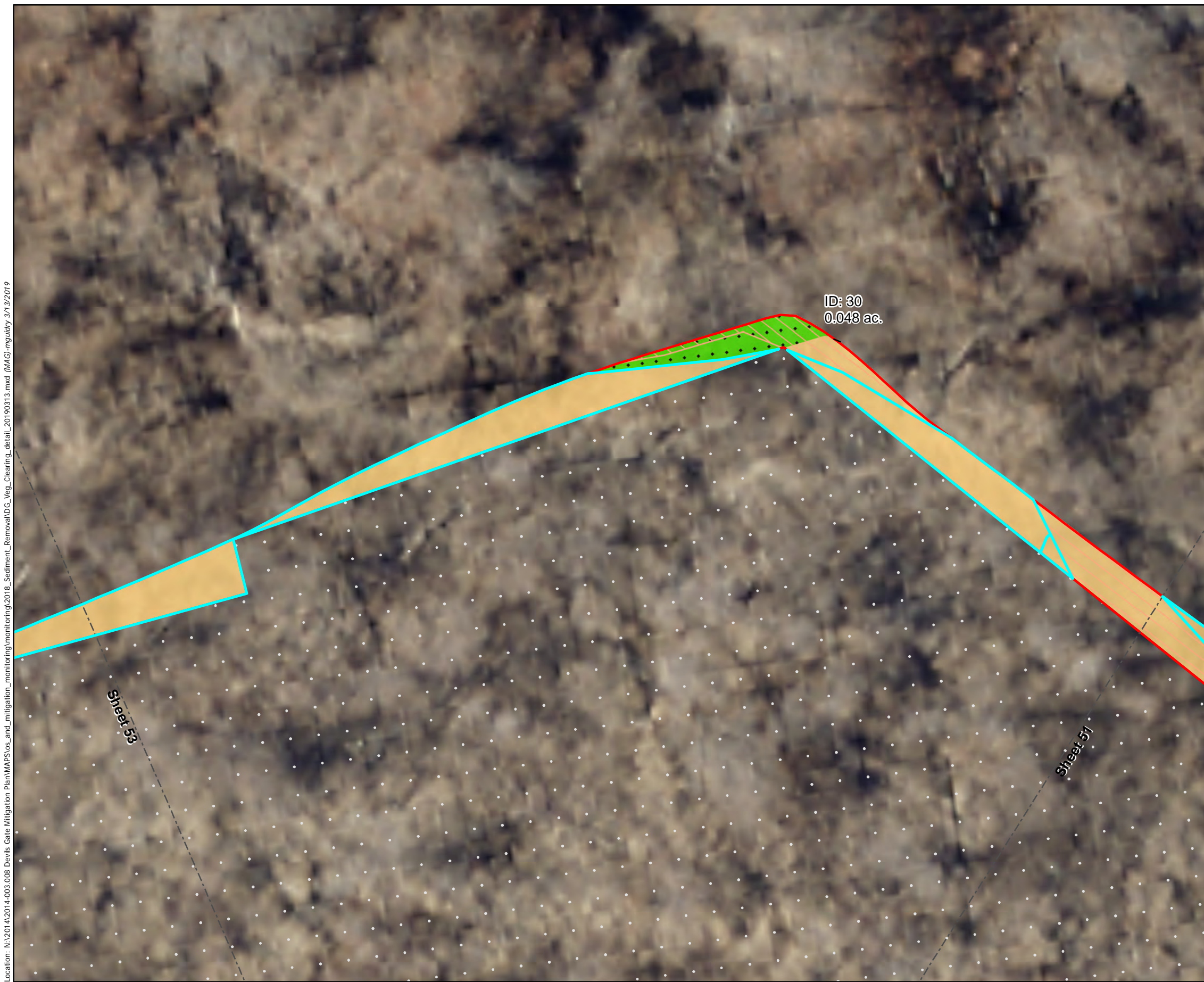
Waters of the U.S.

-  Non-wetland Waters of the U.S.

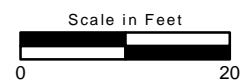
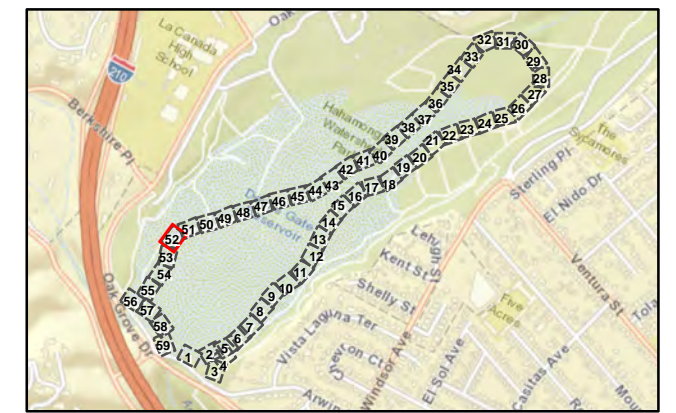
Vegetation Name

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

ID: 30
0.048 ac.






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




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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.

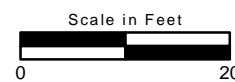
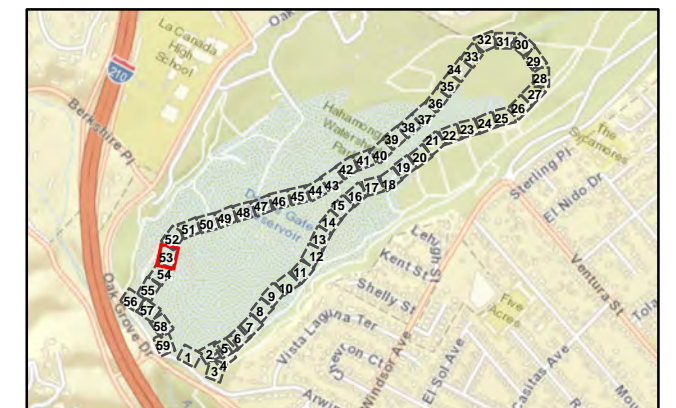
-  Non-wetland Waters of the U.S.

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 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VDG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidry 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



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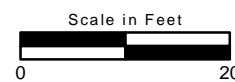
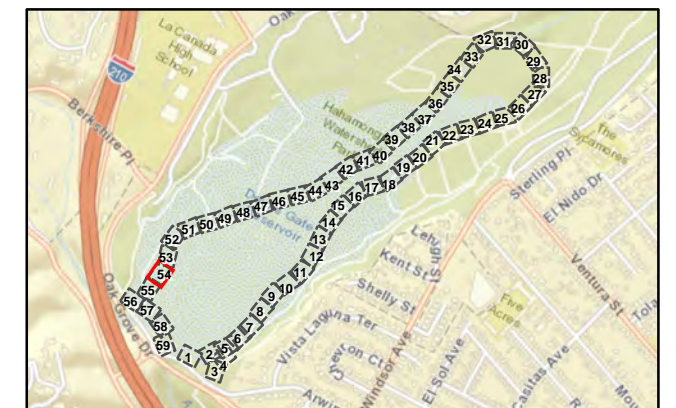


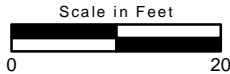


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 55 of 59

- 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

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

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


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Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 56 of 59



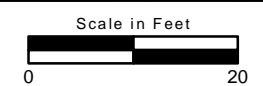
Map Features

-  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)

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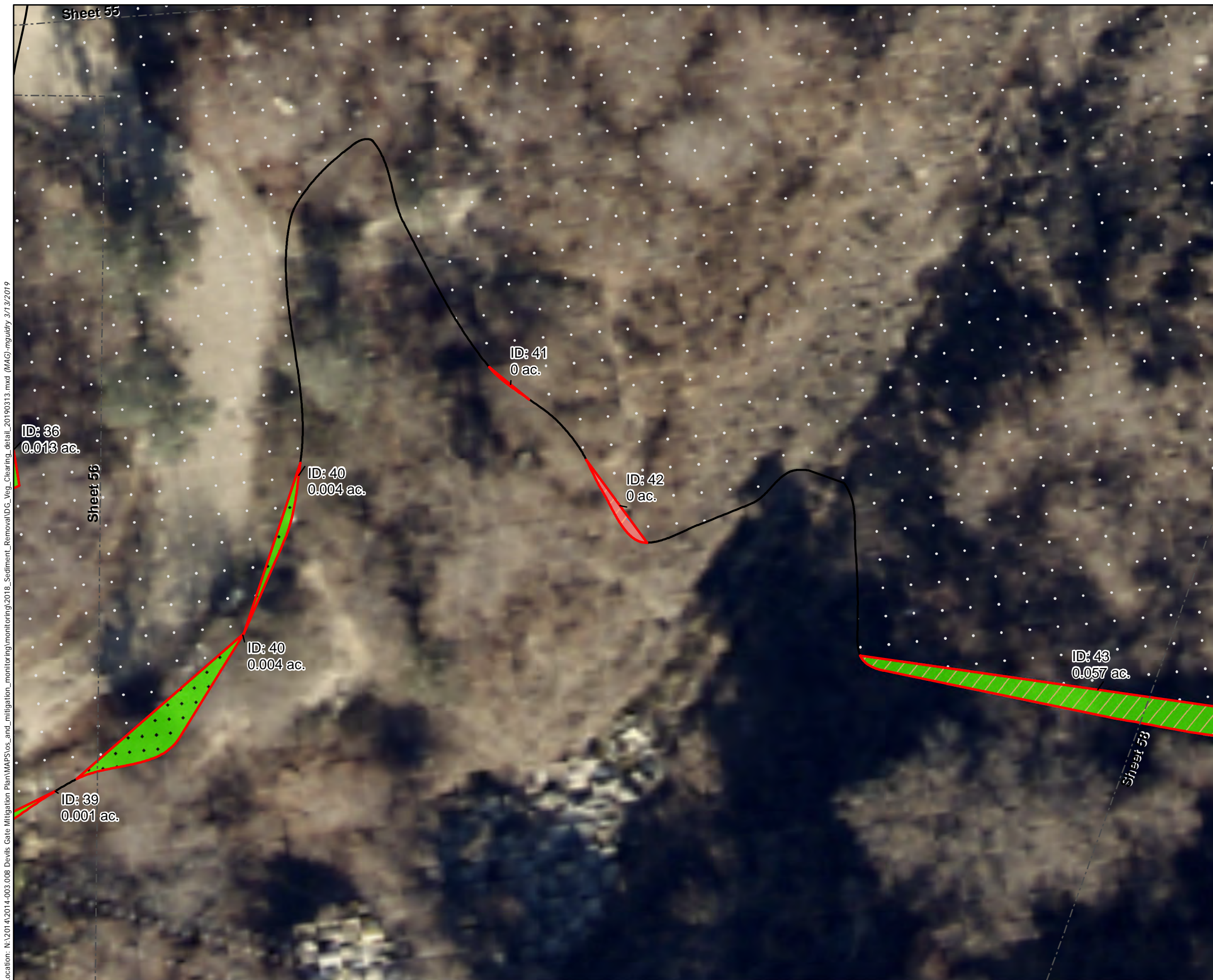


Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 57 of 59

Map Features

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

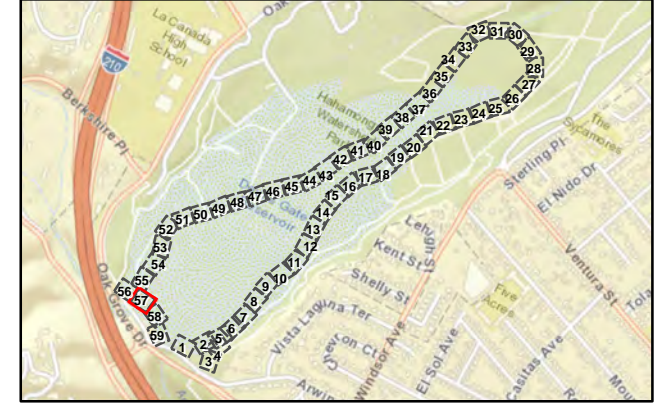
Waters of the U.S.

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

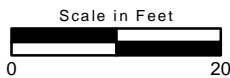
Vegetation Name

- 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



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Location: N:\2014\2014-003.008 Devils Gate Mitigation Plan\MAPS\Stos_and_mitigation_monitoring\monitoring\2018_Sediment_Removal\VDG_Veg_Clearing_detail_20190313.mxd (MAG)-mguidby 3/13/2019




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

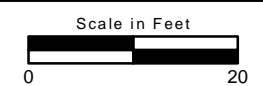
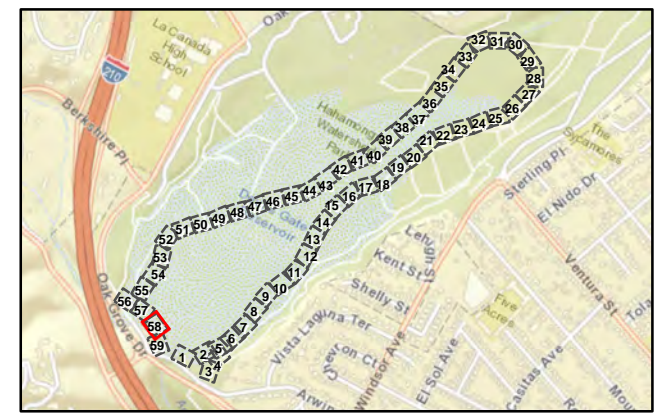
Waters of the U.S.

-  Non-wetland Waters of the U.S.

Vegetation Name

-  Salix gooddingii Woodland Alliance

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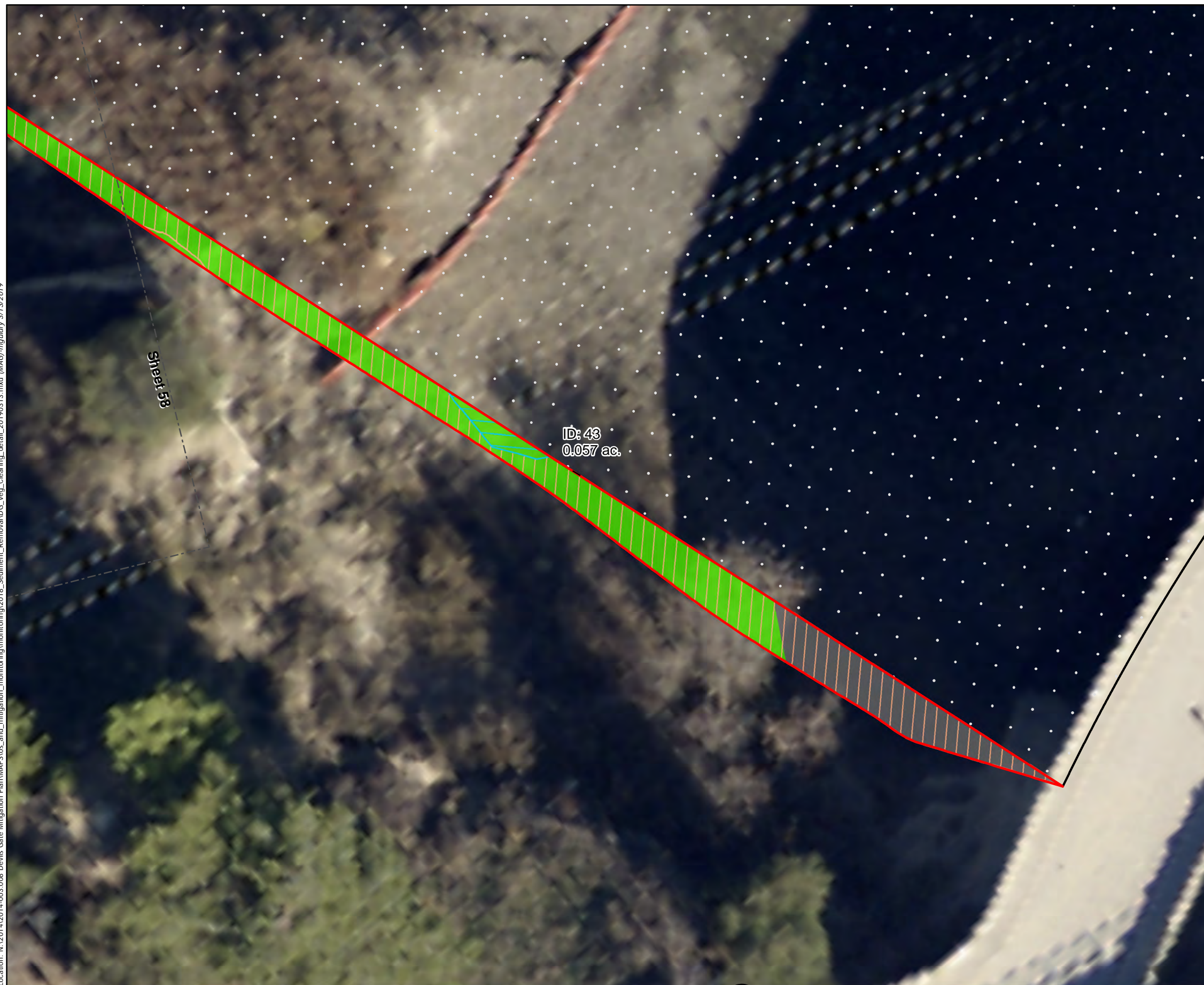







Figure 2.
Vegetation Clearing and the
Initial Sediment Removal Area
Sheet 59 of 59



Map Features

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

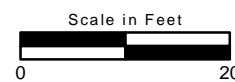
Waters of the U.S.

-  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 'M. P. L.' or similar, written in a cursive style.

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

Guy 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 several loops and a long diagonal stroke.

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

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